

Cancer in Louisiana, 2003-2007

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Summary

Cancer in Louisiana, 2003–2007

Incidence

1. During the five-year period 2003–2007, an average of 21,219 invasive cancer cases per year were diagnosed among Louisiana residents (Table A1).
2. For all Louisianans combined, the most frequently diagnosed cancers were lung (16.3%), prostate (15.6%), breast (13.4%), colorectum (11.3%), and non-Hodgkin lymphoma (4.1%) (Table A2).
3. The five most common invasive cancers by race/sex group were (Table A2):
 - White men: prostate (27% of all cases diagnosed among white males), lung (17%), colorectum (11%), urinary bladder cancers (7%), and non-Hodgkin lymphoma (4%)
 - African-American men: prostate (34%), lung (18%), colorectum (11%), kidney (4%), and oral cavity (3%) cancers
 - White women: breast (29%), lung (16%), colorectum (11%) cancers, non-Hodgkin lymphoma (5%), and uterine cancer (4%)
 - African-American women: breast (31%), colorectum (14%), lung (13%), uterus (5%), and cervix (3%) (Table A2)
4. The incidence rates for cancers of all sites combined among white and African-American men in Louisiana were significantly higher ($p \leq 0.5$) than those for their national counterparts, but the rate for African-American women in Louisiana was similar to national levels and that for white women was significantly lower (Table F).
5. Lung cancer rates have been historically high in Louisiana. For white men the incidence rates were significantly higher than in the U.S. in every LTR region; for African-American men, they were higher in all but Regions 5 and 6. Statewide, white women's lung cancer rate was significant higher than the U.S., but that for African-American women was slightly lower (Tables E, F).
6. Since 2000, the incidence in Louisiana of all cancers combined has fallen almost 4% among men and white women, while for African-American women the rate remained about steady. The declines are particularly striking for colorectal cancer among whites and lung cancer among men. Lung cancer incidence among women rose slightly during this period.
7. In the Industrial Corridor, the incidence rates for all cancers combined among white men and women were similar to statewide rates and that for African-American women was slightly higher than in Louisiana. Incidence among African-American men was significantly higher than in the state as a whole. The Industrial Corridor includes Ascension, East Baton Rouge, Iberville, St. Charles, St. James, St. John the Baptist, and West Baton Rouge parishes. (Table C)

Cancer Deaths

1. An average of 9,161 deaths per year were attributed to cancer each year (Table G1). Only heart disease caused more deaths (an average of 10,675 per year in Louisiana in 2003-2007; data not shown).
2. The most common causes of death from cancer in Louisiana were (Table G2):
 - White males: lung (34% of all cancer deaths among white men), colorectum (10%), prostate (8%), and pancreatic cancers (5%), and non-Hodgkin lymphoma (4%)

- African-American males: lung (33%), prostate (13%), colorectum (10%), pancreas (5%), and liver (4%) cancers
 - White females: lung (29%), breast (15%), colorectum (9%), pancreas (6%), and ovarian (5%) cancers.
 - African-American females: lung (21%), breast (20%), colorectum (12%), pancreas (7%), and ovarian (4%) cancers
3. Statewide, each of the four major race/sex groups had significantly higher death rates for all sites combined than their national counterparts (Table I).
 4. From 2003 to 2007, mortality rates declined about 12% in Louisiana. Deaths from colorectal cancer among women, from lung cancer among men, and from prostate and female breast cancer declined approximately 20%.
 4. Death rates for all cancers combined in the Industrial Corridor were lower than those for Louisiana for African-American men, significantly lower for whites of both genders, and about the same for African-American women (Table I).

Note: All incidence and death rates in this volume are average annual rates per 100,000 for the five-year period. They are age adjusted to the U.S. 2000 standard and should **not** be compared with rates that are adjusted to the 1970 population.

Introduction

The Louisiana Tumor Registry is pleased to present Volume 25 of its annual Cancer in Louisiana monograph series, documenting cancer incidence and mortality in Louisiana from 2003 through 2007. This volume will be published solely as an online document.

Purpose of the Registry

The Louisiana Tumor Registry (LTR) was created by the state legislature to collect, analyze and disseminate information on cancer in Louisiana.

Cancer is a reportable disease in all states of the U.S. Using the data they compile, statewide population-based registries are able to calculate cancer incidence statistics by age, race, sex, and geographic region. With the resulting statistics, including trends over time, data-driven cancer prevention and control programs can be implemented to reduce cancer morbidity and mortality. Registry data provide the foundation for studies evaluating clinical therapies, health care planning, screening and early detection programs, and other cancer prevention and control initiatives. Using registry information, we can work to lessen the burden of cancer in our state.

Historical Background of the LTR

Cancer registration in Louisiana began in 1947 in the Charity Hospital Tumor Registry in New Orleans and was limited to patients in that facility. In 1974, as part of its Surveillance, Epidemiology and End Results (SEER) Program, the National Cancer Institute (NCI) provided funds for a population-based cancer incidence and survival registry. Data from the Louisiana Tumor Registry, which then encompassed only Jefferson, Orleans, and St. Bernard parishes, were included in the 1974–1977 SEER national incidence rates.

In 1979, the LTR was transferred to Louisiana's Office of Public Health (OPH). The catchment area for the LTR was expanded in 1983 to include 35 parishes of South Louisiana (Regions 1–5). In 1988, when the 29 parishes of North Louisiana

(Regions 6–8) were added, statewide coverage was achieved. Vivien W. Chen, Ph.D., has served as director of the registry since 1991.

Beginning in 1994, the Centers for Disease Control and Prevention (CDC) has provided funds for most states, including Louisiana, to participate in the National Program of Cancer Registries. In 1995, the registry was transferred from the OPH to the LSU Board of Supervisors. Since then, the LSU Health Sciences Center in New Orleans has been responsible for the cancer registry program and has provided state funds for its work.

In 2001, after a competitive application process, the Louisiana Tumor Registry was selected to join the SEER Program of the National Cancer Institute as an expansion registry on a provisional basis. Four years later, it became a full member of SEER. As such, the LTR again receives additional funds from the NCI.

Oversight of the registry has been exercised by the Louisiana Cancer and Lung Trust Fund Board, whose members represent various health institutions throughout the state and are appointed by the governor (see Acknowledgements, below).

Operations of the Registry

The operations of the registry are mandated by public law, R.S. 40:1299.80 et seq., which directs all medical facilities and health care providers to report all cancer cases to the registry. The same rules require strict confidentiality of all data.

Central Office and Regional Registries

The Louisiana Tumor Registry is composed of a central office and eight regional registries that collect and process cancer incidence data from geographic areas based on Louisiana's historic Office of Public Health districts. (See below.)

Collection of Cancer Incidence Data

Each regional registry is responsible for the complete ascertainment of data on cancer diagnoses and treatment in its region within six months of diagnosis. About one fourth of all hospitals in Louisiana maintain their own cancer

registries, and the regional registries are responsible for abstracting cases from the remaining hospitals and other facilities such as freestanding pathology labs, treatment centers, outpatient surgical facilities, and physician offices.

Regional registries monitor the facilities in their area for completeness of case ascertainment, as well as editing case abstracts, consolidating multiple reports on the same case, and assisting in training new hospital registry employees. The central office coordinates regional offices to ensure the quality, completeness and timeliness of reporting. In addition, its research staff prepares publications and participates in research activities.

Unrecorded cancer diagnoses identified among Louisiana residents through death certificates are traced back to hospitals, other facilities or physician offices to be abstracted. If the original diagnostic information cannot be located, the case is considered a “death-certificate-only” case, and the date of death is recorded as the diagnosis date.

Interstate exchange of data with other states began in 1997 in order to ensure a higher level of case ascertainment and data completeness. This permits the LTR to obtain cancer data on residents of Louisiana who have traveled out of state for cancer diagnosis and/or treatment. Louisiana has such agreements with 19 states, including all neighboring states. Strict protocols on patient confidentiality are followed.

Reportable Diagnoses

The Louisiana Tumor Registry complies with national standards in requiring that all in situ and invasive neoplasms (cancers with behavior codes 2 or 3 in the *ICD-O-2*¹ or *ICD-O-3*²) be reported. The exceptions are intraepithelial or in situ carcinomas of the cervix, intraepithelial carcinoma of the prostate, and basal cell and squamous cell carcinomas of the skin.

Pilocytic astrocytomas are classified as benign by the World Health Organization but as malignant in North America. Beginning in 2004, benign and borderline tumors of the brain and central nervous system are also reportable, but rates and counts

are not presented here.

Data Quality

Quality assurance procedures in the regional registries and central office minimize abstracting and coding errors and evaluate the completeness of case ascertainment.

To enhance the quality of incidence data across the United States, the North American Association of Central Cancer Registries (NAACCR) sets standards for quality, timeliness, and completeness. Data from U.S. registries that meet those standards are used in calculating the “U.S. Combined Cancer Incidence Rates,” which are reported in NAACCR’s annual publication, *Cancer in North America*.³ Louisiana Tumor Registry data have qualified for inclusion every year since the inception of the certification process in 1997 and have been certified at the gold level for the past twelve years,

LTR data are also included in other cancer surveillance publications that accept only high-quality data: *Cancer Incidence in Five Continents*,⁴ published by the World Health Organization’s International Association for Research on Cancer; *United States Cancer Statistics*,⁵ published by the CDC and the NCI; and *SEER Cancer Statistics Review*,⁶ published by the SEER Program.

Confidentiality of Data

Confidentiality is the highest priority in registry operations. Louisiana law mandates strict confidentiality of data about cancers and health care providers and protects participating facilities and physicians from any liability that may arise from reporting to the cancer registry program.

LTR personnel sign an “Agreement to Maintain Confidentiality of Data” and are subject to penalty if they disclose confidential information. LTR data are published in aggregate form only. Data released in public presentations or publications are not intended to correspond to individual cases.

Presentation of Data

Volume 25 of *Cancer in Louisiana* presents cancer incidence and mortality information about residents of Louisiana diagnosed with cancer between January 1, 2003, and December 31, 2007. Statistics on incidence are found in Tables A–F, and Tables G–L contain data on mortality.

Incidence and mortality rates are provided for the state, the regions of the LTR, the regions of the Office of Public Health and the Louisiana Comprehensive Cancer Control Partnership, the Industrial Corridor, and individual parishes. Descriptions of the OPH and Cancer Control Partnership regions can be found at <http://www.dhh.louisiana.gov/offices/?ID=223> and

<http://www.publichealth.lsuhs.edu/LCCCP/LCCP/AreaCoordinators.htm>;

Rates are not calculated for cells smaller than sixteen, as they might be unstable.

Data Use Standards

Incidence

The LTR follows standard protocols in computing and publishing cancer incidence data so that Louisiana data can be compared with those from other cancer surveillance publications. These conventions include:

- Only primary cancers are included in the LTR database used for calculating incidence counts or rates. Recurrent or metastatic cases are excluded.
- Rules from the SEER Program determine whether multiple primary cancers for a given patient are considered one case or more than one.
- For preparing statistics, anatomic subsites are combined according to code groupings compiled by the SEER Program of the National Cancer Institute (http://seer.cancer.gov/siterecode/icdo3_d01272003/).
-

- With the exception of bladder cancer, only invasive neoplasms are included in the tables. For cancers of the bladder, both in situ and invasive cases are included. In situ carcinomas of the breast are listed separately from the invasive cancers and are excluded from the “all sites” total.
- Neoplasms of the lymphatic, hematopoietic, and reticuloendothelial systems (e.g., lymphomas and leukemias), as well as mesothelioma and Kaposi sarcoma, are grouped by their histologies and not by the anatomical sites where they occur.

Cancer Deaths

Information on residents of Louisiana who died with cancer as the underlying cause of death was compiled by the National Center for Health Statistics, using mortality data from the Louisiana Office of Public Health and its counterparts in other states. Louisiana residents who died out of state are included in Louisiana statistics.

The SEER Program has grouped the detailed anatomical site codes from the *International Classification of Diseases, 10th Revision*⁷ for calculating mortality statistics. These can be found at the SEER website: http://seer.cancer.gov/codrecode/1969+_d09172004/index.html.

Race

Race for cancer cases is based primarily on information contained in a patient’s medical record, supplemented by information on death certificates. The LTR has made great efforts to resolve discrepancies.

Louisiana cancer incidence and mortality data in this volume include the racial categories of white, black, and all races combined. Other groups were not analyzed separately because of their small numbers. Less than one percent of 2003–2007 cases were of unknown race. Cases with

unknown race were included in the calculations of rates for “all races” but not in the race-specific computations.

Population Estimates

Five-year population estimates by race, sex and age for Louisiana and the U.S. were obtained from the National Cancer Institute and are based on the U.S. Census Bureau’s estimates of the populations for 2003–2007 (Appendix). See also: “Calculating 2005 Statistics,” below.

Age Adjustment

Age adjustment allows meaningful comparisons of cancer risk in different populations by controlling for differences in the age distributions of those populations. This is important because cancer is diagnosed more frequently among the elderly. Age-adjusted rates are the weighted average of the age-specific rates, where the weights represent the age distribution of a standard population.

Rates in this monograph are age adjusted to the 2000 U.S. standard population. Rates in earlier publications (with data predating 1999), however, were age adjusted to the 1970 U.S. standard population. Because the U.S. populace was older in 2000 than in 1970, the new standard will cause most rates to appear to rise markedly. Thus, incidence and mortality rates in Volumes 1-16 of this series should not be compared with those in subsequent volumes.

Calculating 2005 Statistics

Hurricanes Katrina and Rita brought unique challenges to researchers calculating incidence and mortality statistics in Louisiana and the Gulf South. Information on some newly diagnosed cases was destroyed by flooding and could not be re-created. In addition, the exodus of hundreds of thousands of residents meant that population data, required for calculating rates, were also difficult to estimate in those areas.

States that sheltered Louisiana residents submitted case reports to Louisiana, and the LTR contacted pediatric hospitals throughout the country to obtain information on Louisiana children treated

there.

Because of the uncertainties related to identifying all new cases and locating complete records, as well as estimating the 2005 population after Hurricane Katrina, the SEER Program of the NCI developed a Louisiana-specific algorithm.

This calculation is based on the assumption that incidence rates for the first half of a year are about the same as rates for the second half of the year. Therefore, for calculating *rates*, the case counts for approximately the first 6 months are used, and the U.S. Census Bureau’s population estimate for 2005 was halved to create the denominator. Case *counts* in this volume, however, are based on actual counts for the entire year.

The National Center for Health Statistics forwarded to Louisiana the death certificate information for Louisiana residents who died in other states. Mortality rates are based on 12 months’ deaths and the unadjusted population estimates. For more details, see <http://seer.cancer.gov/popdata/methods.html>.

Comparison Groups

Incidence

Estimates of the average annual age-adjusted incidence rates for the U.S. were calculated by the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute. Data from the SEER Program are recognized for their high quality, and SEER estimates have been traditionally cited as national rates.

The SEER Program estimates in this volume are based on data representing about 26% of the U.S. population. These come from nine state registries (California, Connecticut, Hawaii, Iowa, Kentucky, Louisiana, New Jersey, New Mexico and Utah), three metropolitan areas (Atlanta, Detroit, and Seattle/Puget Sound), a group of ten rural counties in Georgia, and the American Indian/Alaska Natives of Arizona and Alaska.

Mortality

Mortality statistics for the United States are based on data from the National Center for Health Statistics, to which all states submit death

certificate information.

Cautions in Interpretation

In comparing rates among geographic areas it is important to keep in mind that a variety of factors, in addition to true differences in the risk of developing or dying from cancer, can contribute to variations in cancer rates. Geographic differences should, therefore, be interpreted with caution and should be used to generate, not test,

hypotheses.

Rates based on small numbers may be unstable. For this reason, federal agencies and some states have guidelines for minimum counts. This issue of *Cancer in Louisiana* publishes rates based on sixteen or more cases for a five-year period, in conformity with the standards of the "Annual Report to the Nation," published by the American Cancer Society, the North American Association of Central Cancer Registries, the CDC, and other surveillance agencies.

Abbreviations and Symbols Used in This Volume

ICD-O-2	<i>International Classification of Diseases for Oncology, 2nd edition</i>
ICD-O-3	<i>International Classification of Diseases for Oncology, 3rd edition</i>
LTR	Louisiana Tumor Registry
NCI	National Cancer Institute
NAACCR	North American Association of Central Cancer Registries
OPH	Louisiana Office of Public Health
SEER	Surveillance, Epidemiology and End Results Program of the National Cancer Institute
--	Not applicable
^	Rate is not calculated for a case count lower than sixteen

Regions of the Louisiana Tumor Registry

<i>Regional registry</i>	<i>Beginning date of the Registry</i>	<i>Average annual Population 2003–2007</i>	<i>Parishes covered</i>
New Orleans (Region 1)	1974	841,545	Jefferson, Orleans, St. Bernard
Baton Rouge (Region 2)	1983	873,115	Ascension, Assumption, East Baton Rouge, East Feliciana, Iberville, Livingston, Pointe Coupée, St. Helena, Tangipahoa, West Baton Rouge, West Feliciana
Southeast Louisiana (Region 3)	1983	602,740	Lafourche, Plaquemines, St. Charles, St. James, St. John, St. Tammany, Terrebonne, Washington
Acadiana (Region 4)	1983	613,161	Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Martin, St. Mary, Vermilion
Southwest Louisiana (Region 5)	1983	282,442	Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis
Central Louisiana (Region 6)	1988	299,382	Avoyelles, Catahoula, Concordia, Grant, La Salle, Rapides, Vernon, Winn
Northwest Louisiana (Region 7)	1988	526,373	Bienville, Bossier, Caddo, Claiborne, De Soto, Natchitoches, Red River, Sabine, Webster
Northeast Louisiana (Region 8)	1988	348,230	Caldwell, East Carroll, Franklin, Jackson, Lincoln, Madison, Morehouse, Ouachita, Richland, Tensas, Union, West Carroll
Entire state	1988	4,386,989	

Source: U.S. Bureau of Census and National Cancer Institute, April 2010.

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5. Available at <http://www.cdc.gov/Features/CancerStatistics/>
6. Available at http://seer.cancer.gov/csr/1975_2007/about.html.
7. World Health Organization. *International Statistical Classification of Diseases and Related Health Problems, Tenth Revision* (3 vols). Geneva, 1992.

A list of the first 24 volumes of *Cancer in Louisiana* is available at http://publichealth.lsuhs.edu/tumorregistry/statistics_monograph_monolist.asp.

Web Addresses for Cancer-Related Organizations

American Cancer Society: <http://www.cancer.org>

Behavioral Risk Factor Surveillance System: www.cdc.gov/brfss

Centers for Disease Control and Prevention: <http://www.cdc.gov/>

Louisiana Breast and Cervical Screening Program: <http://labchp.lsuhsu.edu/>

Louisiana Cancer and Lung Trust Fund Board: <http://www.lcltfb.org>

Louisiana Cancer Control Partnership: <http://publichealth.lsuhsu.edu/LCCCP/LCCP/>

Louisiana Cancer Registrars' Association: <http://www.lcra-usa.org>

Louisiana Office of Public Health: <http://www.oph.dhh.state.la.us>

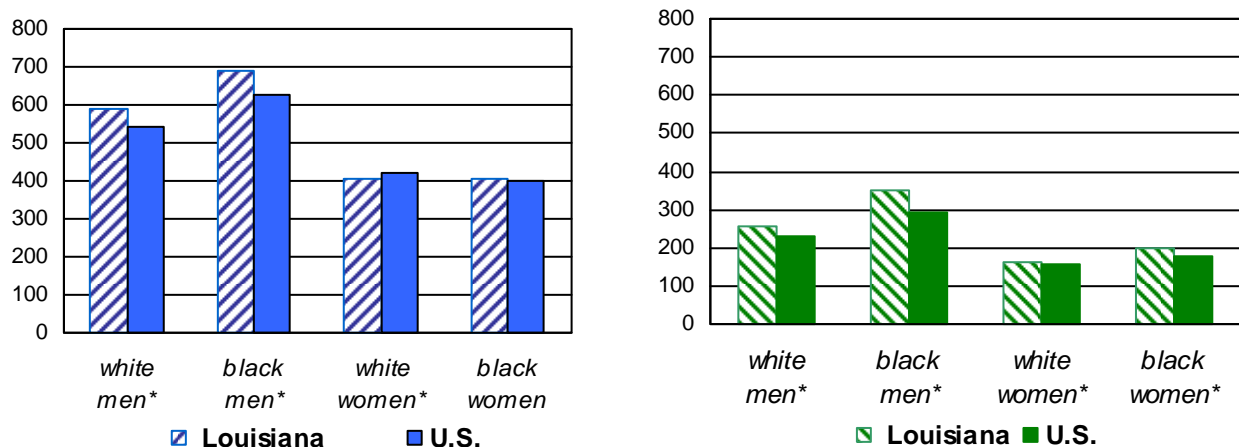
National Cancer Institute: <http://cancer.gov>

State Cancer Profiles: <http://statecancerprofiles.cancer.gov>

Tobacco-Free Louisiana: <http://www.lphi.org/home2/section/3-27/the-louisiana-campaign-for-tobacco-free-living>

Figure 1. All Cancers Combined, 2003-2007

Average Annual Rates per 100,000 person-years
Incidence Mortality



U.S. incidence rates are from the SEER Program (17 regions) of the National Cancer Institute.

* The Louisiana rate differs significantly from the U.S. rate ($p \leq 0.05$).

Approximately 21,000 cases of invasive cancer were diagnosed each year, 2003-2007, in Louisiana.

If all race/sex groups are combined, cancers of the lung, prostate, breast, colorectum, and non-Hodgkin lymphoma (in that order) are the most frequently diagnosed cancers in Louisiana. In the U.S., however, the following is the order of highest rates: prostate, breast, lung, colorectum, and bladder.

Cancer caused an average of almost 9,200 deaths per year in Louisiana. Only heart disease causes more deaths than cancer, both in Louisiana and nationally.

The major causes of cancer deaths in both Louisiana and the U.S. were malignancies of the lung, colorectum, breast, pancreas, and prostate.

Cancer mortality rates have been declining in Louisiana and the U.S. since the early 1990s. This decline is more rapid among men than among women.

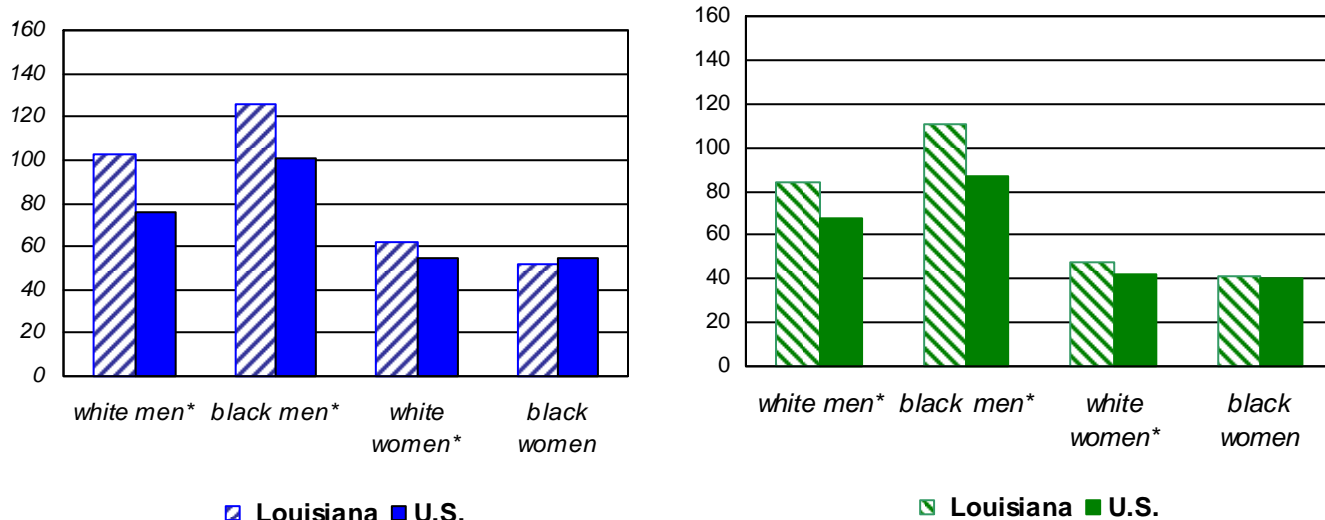
How Does Louisiana Rank Compare with Other States? ¹				
All Cancers Combined, 2003-2007				
	<i>White Men</i>	<i>White Women</i>	<i>Black Men</i>	<i>Black Females</i>
Incidence	6	27	4	13
Mortality	6	14	1	9

1. North American Association of Central Cancer Registries (www.naaccr.org); Louisiana Tumor Registry.

Figure 2. Lung Cancer, 2003-2007

Average Annual Rates per 100,000 person-years

Incidence Mortality



U.S. incidence rates are from the SEER Program (17 regions) of the National Cancer Institute.

* The Louisiana rate differs significantly from the U.S. rate ($p \leq 0.05$).

Lung cancer accounts for one out of six new cancer diagnoses and one out of three cancer deaths each year in Louisiana and the U.S. Lung cancer incidence and death rates are significantly higher in Louisiana than in the U.S. for men and for white women. Although Louisiana black women's incidence rate is low, their mortality rate slightly exceeds the national one.

Among men in both Louisiana and the U.S, lung cancer incidence and mortality rates have been trending strongly downward for over ten years, but for women this encouraging decline is not seen.

Louisiana has ranks high among U.S. states for lung cancer incidence. The rankings for 2003-2007 are: white men, 6th; black men, 4th; white women, 14th; and black women, 19th.¹

Risk factors for lung cancer: The American Cancer Society states that cigarette smoking is the most important risk factor and that the risk increases with the quantity and duration of cigarette use. Other risk factors include exposures to secondhand smoke, radon, asbestos (particularly among smokers), certain metals and organic chemicals, radiation, and air pollution; a history of tuberculosis; and family history of lung cancer.

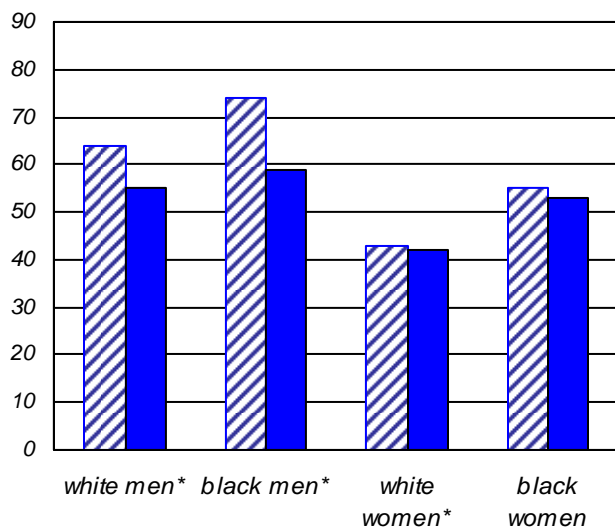
1. North American Association of Central Cancer Registries (www.naaccr.org).

2. American Cancer Society. *Cancer Facts & Figures 2010*. Atlanta, GA. Available at <http://www.cancer.org>.

Figure 3. Colorectal Cancer, 2003-2007

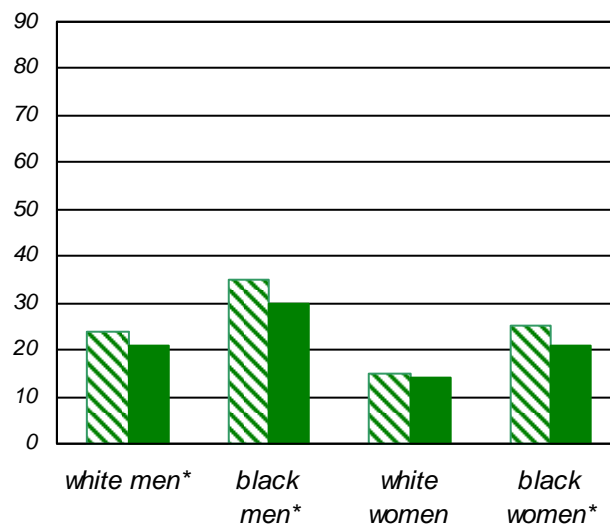
Average Annual Rates per 100,000 person-years

Incidence



▨ Louisiana ■ U.S.

Mortality



▨ Louisiana ■ U.S.

U.S. incidence rates are from the SEER Program (17 regions) of the National Cancer Institute.

* The Louisiana rate differs significantly from the U.S. rate ($p \leq 0.05$).

For each major race-sex group, colorectal cancer is the third most commonly diagnosed cancer. For all race-sex groups, Louisiana incidence and mortality rates exceed national rates, though this excess does not reach statistical significance for incidence among black women or for mortality among white women.

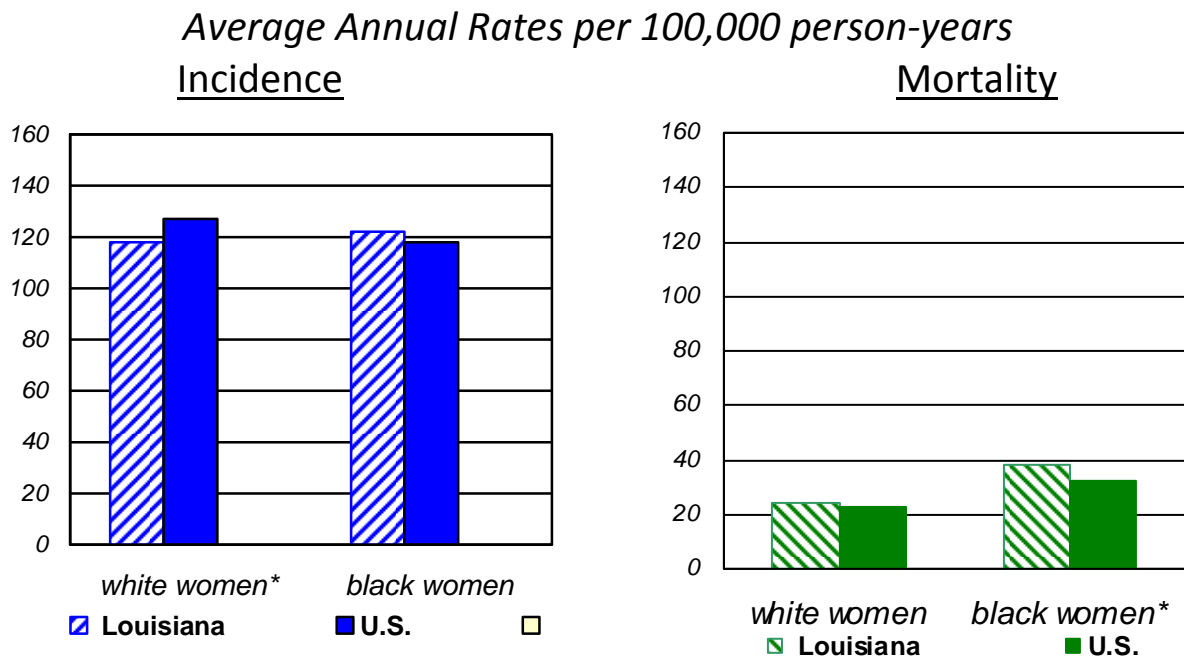
For mortality, colorectal cancer ranks third for white females and African-American men and women but second for white men. Death rates from colorectal cancer have trended downward about 15% since 2000 among all four race-sex groups in the U.S., but among African-American men and women in Louisiana they have dropped only about 5%, 2000-2007.

In both Louisiana and the U.S., African Americans diagnosed with colorectal cancer are more likely to be diagnosed with advanced disease than whites. Increased use of screening tests such as endoscopy (which can prevent cancer by removing pre-cancerous polyps) and fecal occult blood tests will help reduce both the number and the severity of new cases.

Risk factors: The risk increases with age. In addition, according to the American Cancer Society, the following factors can increase the likelihood of this diagnosis: obesity, physical inactivity, smoking, heavy alcohol consumption, a diet high in red and/or processed meats, low consumption levels of fruits and vegetables, family history of colon cancer, or polyps.¹

1. American Cancer Society. *Cancer Facts & Figures 2010*. Atlanta, GA. Available at <http://www.cancer.org>.

Figure 4. Female Breast Cancer, 2003-2007



U.S. incidence rates are from the SEER Program (17 regions) of the National Cancer Institute.

* The Louisiana rate differs significantly from the U.S. rate ($p \leq 0.05$).

Breast cancer is by far the most frequently diagnosed cancer among women, both in Louisiana and the U.S. Fortunately, incidence rates are declining for both white and African-American women in the U.S. and Louisiana.

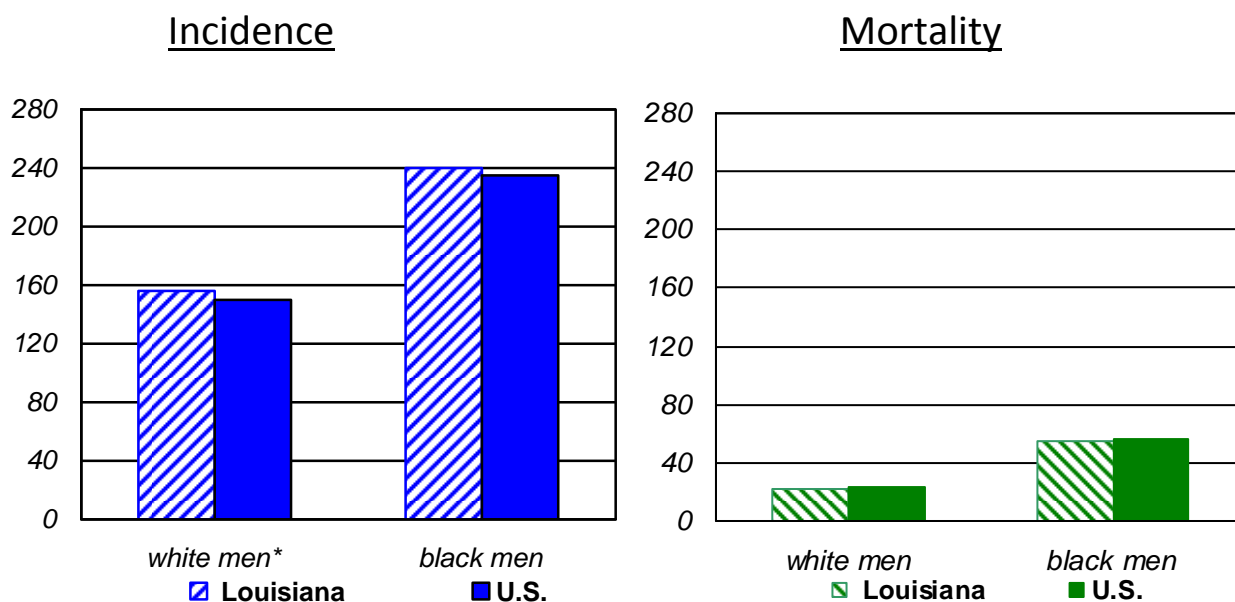
Because of early detection and improved treatment, mortality rates have also been declining. Louisiana women are slightly more likely to be diagnosed with advanced disease than those in the U.S. (29% vs. 28% for whites and 38% vs. 36% for African Americans), but continued efforts to expand early detection programs have narrowed the gaps, and improved treatment combined with early detection has increased survival.

According to the American Cancer Society, the most important risk factor for breast cancer is age. Family history, a long menstrual history, never having had children, having a first child after age 30, recent use of oral contraceptives, overweight status after menopause, high-dose radiation to the chest, use of postmenopausal hormone therapy (especially combined estrogen and progestin), physical inactivity, and daily consumption of alcohol also increase the likelihood of developing breast cancer.¹

1. American Cancer Society. *Cancer Facts & Figures 2010*. Atlanta, GA. Available at <http://www.cancer.org>.

Figure 5. Prostate Cancer, 2003-2007

Incidence rates per 100,000 person-years



U.S. incidence rates are from the SEER Program (17 regions) of the National Cancer Institute.

* Louisiana rate differs significantly ($p \leq 0.05$)

Prostate cancer is the most commonly diagnosed cancer among men, but because of its relatively favorable prognosis it is not the most fatal cancer among men. (Among black men, lung cancer has a higher mortality rate; among Louisiana white men, both lung and colorectal cancers exceed prostate cancer.) Prostate cancer incidence and mortality are markedly higher among African-American men than among white men, but the reasons for these disparities are not fully understood.

The well-established risk factors are age, ethnicity, and family history of prostate cancer. International studies suggest that a diet high in saturated fat may also be a risk factor, the American Cancer Society reports.¹

The PSA test, which measures a prostate-specific antigen in the blood, was introduced in the late 1980s and permits the early detection of prostate cancer, before symptoms are noticeable. Because its effectiveness in improving survival and quality of life is still controversial, major scientific and medical organizations recommend that men discuss the PSA test with their physicians.

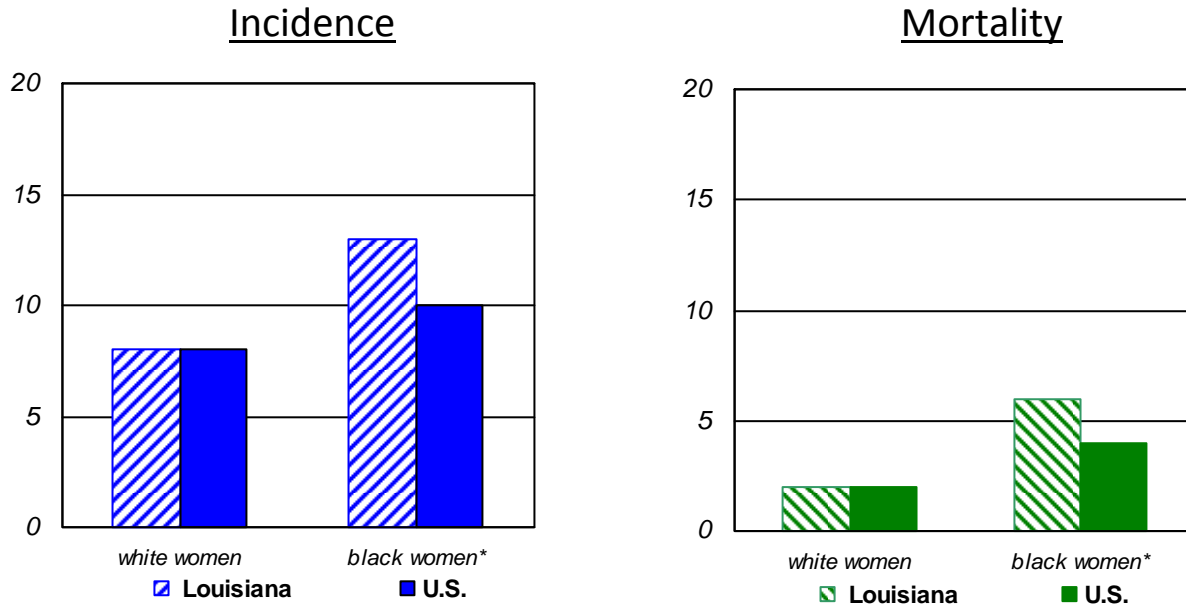
Over the past 30 years, five-year survival has risen from 69.3% to 99.6%. This improvement is attributed both to advances in treatment and to early detection and diagnosis of asymptomatic prostate cancers. Although men with disease that is localized or has spread only regionally have a 100% five-year survival rate, those with distant metastasis have a 30% five-year survival.²

1. American Cancer Society. *Cancer Facts & Figures 2010*. Atlanta, GA. Available at <http://www.cancer.org>.

2. Surveillance, Epidemiology and End Results, National Cancer Institute: <http://seer.cancer.gov>

Figure 6. Cervical Cancer, 2003-2007

Average Annual Rates per 100,000 person-years



U.S. incidence rates are from the SEER Program (17 regions) of the National Cancer Institute.

* Louisiana rates differ significantly ($p \leq 0.05$) from the U.S. rates.

In Western countries, screening programs using Pap tests allow precancerous lesions to be detected and removed before they become invasive and spread. In developing countries, however, cervical malignancies are still an important cancer.

U.S. deaths from cervical cancer have fallen markedly in the past 35 years, from 6.7 per 100,000 in 1969 to 2.2 in 2007 for white women and from 17.8 in 1969 to 4.3 in 2007 for black women.

Louisiana rates for white women approximate national rates, but African-American women still experience significantly higher incidence and mortality than their national counterparts, as well as slightly more cases with advanced disease (54% vs. 52%). In 2008 Louisiana African-American women reported lower rates than whites for pap testing (72% vs 80%).¹ The Louisiana Breast and Cervical Screening Program, at the LSU Health Sciences Center in New Orleans (http://labchp.lsuhscc.edu/Services_2.htm), offers Pap testing to women without health insurance.

Risk factors for cervical cancer, according to the American Cancer Society, include infection with certain types of human papillomavirus (HPV), having sex at an early age or with multiple partners, immunosuppression, having a large number of children, cigarette smoking, and nutritional factors.² The U.S. Food and Drug Administration has approved the use of Gardasil[®] and Ceervaris[®], vaccines to prevent the most common HPV infections that cause cervical cancer, for use by women aged 9-26.

1. CDC, Behavioral Risk Factor Surveillance System: <http://apps.nccd.cdc.gov/brfss/>.

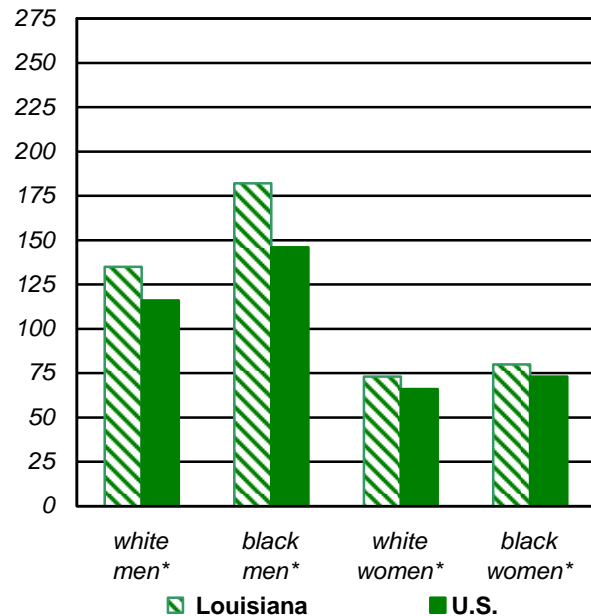
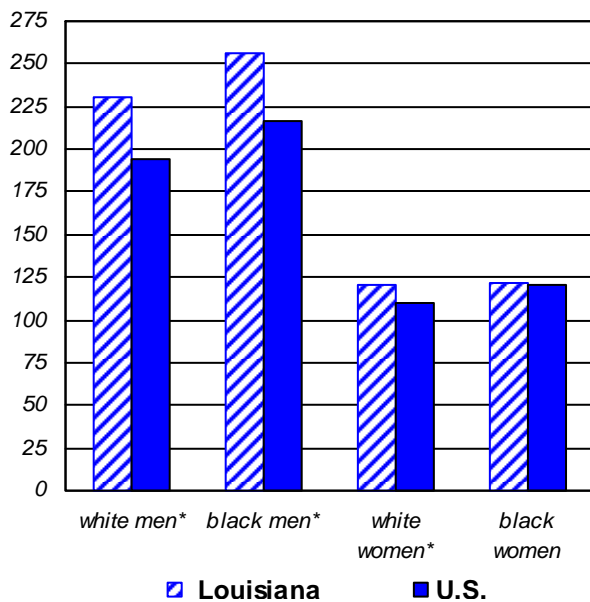
2. American Cancer Society. *Cancer Facts & Figures 2010*. Atlanta, GA. Available at <http://www.cancer.org>.

Figure 7. Tobacco-Related Cancer, 2003-2007

Average Annual Rates per 100,000 person-years

Incidence

Mortality



U.S. incidence rates are from the SEER Program (17 regions) of the National Cancer Institute.

* The Louisiana rate differs significantly from the U.S. rate ($p \leq 0.05$).

The American Cancer Society reports that tobacco use is a risk factor for cancers of the **lip, oral cavity and pharynx, nasopharynx, esophagus, stomach, pancreas, larynx, lung, cervix, bladder, and kidney** and for **acute myeloid leukemia**.¹ Together, these diseases account for about one third of new cancers and almost half of cancer deaths each year in Louisiana and the U.S.

The incidence of tobacco-related cancers is significantly higher in Louisiana than in the U.S. for men and white women, and mortality from these diseases is significantly higher in Louisiana for all four race/sex groups.

According to the CDC's 2009 Behavioral Risk Factor Survey,² Louisiana ranks 8th in the prevalence of smoking. That year, 25.1% of Louisiana men smoked, vs. 19.6% nationwide; among women, the difference was smaller: 19.3% vs. 16.7%.

1. American Cancer Society. *Cancer Facts & Figures 2010*. Atlanta, GA. Available at <http://www.cancer.org>.

2. Available at www.cdc.gov/brfss

Table A1. Average Annual Number of Cancer Cases, 2003-2007, Louisiana

Primary Site	All Races			Whites			Blacks			American Indians*			Asians **		
	Totals	Male	Female	Totals	Male	Female	Totals	Male	Female	Totals	Male	Female	Totals	Male	Female
Invasive Cancers															
All Sites Combined-----	21,219	11,532	9,687	15,371	8,366	7,005	5,657	3,061	2,597	30	17	13	113	55	58
Oral Cavity and Pharynx-----	539	388	151	396	285	112	137	100	37	1	1	0	5	3	2
Lip-----	30	25	5	29	24	5	1	1	0	0	0	0	0	0	0
Tongue-----	137	95	42	112	78	34	24	17	8	0	0	0	1	0	1
Salivary Gland-----	48	27	21	36	22	14	12	5	6	0	0	0	0	0	0
Floor of Mouth-----	36	29	7	26	20	6	9	8	1	0	0	0	0	0	0
Gum and Other Mouth-----	80	46	34	55	31	23	24	14	10	0	0	0	1	0	0
Nasopharynx-----	33	23	10	19	12	7	12	9	3	0	0	0	1	1	0
Tonsil-----	95	79	17	72	59	13	24	19	4	0	0	0	0	0	0
Oropharynx-----	22	17	5	12	9	2	10	8	2	0	0	0	0	0	0
Hypopharynx-----	46	37	8	27	22	6	18	15	3	0	0	0	0	0	0
Other-----	12	10	2	9	7	2	3	2	1	0	0	0	0	0	0
Digestive System-----	4,156	2,282	1,874	2,837	1,580	1,257	1,278	678	600	8	5	3	28	17	12
Esophagus-----	228	179	49	158	127	31	69	52	17	1	1	0	0	0	0
Stomach-----	355	212	143	199	122	77	152	87	65	1	1	0	4	3	1
Small Intestine-----	98	49	49	63	32	31	34	16	18	0	0	0	1	1	0
Colon and Rectum-----	2,397	1,260	1,137	1,683	906	776	696	344	351	3	1	2	12	6	6
Colon-----	1,735	883	852	1,205	628	577	517	249	268	3	1	1	8	3	5
Rectum and Rectosigmoid Junction-----	662	377	285	478	278	200	178	95	83	1	0	1	4	3	1
Anus, Anal Canal and Anorectum-----	66	27	38	48	19	29	17	8	9	0	0	0	0	0	0
Liver and Intrahepatic Bile Duct-----	291	216	74	182	134	48	100	76	24	2	2	0	7	5	2
Liver-----	277	210	67	173	130	43	96	74	23	2	2	0	7	5	2
Intrahepatic Bile Duct-----	13	6	7	9	4	5	4	2	2	0	0	0	0	0	0
Gallbladder-----	49	18	31	33	10	22	17	8	9	0	0	0	0	0	0
Other Biliary Tract-----	67	36	31	50	28	22	15	7	8	1	0	0	1	0	1
Pancreas-----	558	270	288	386	192	194	168	76	91	0	0	0	3	1	2
Retroperitoneum-----	13	6	7	10	5	4	3	1	2	0	0	0	0	0	0
Peritoneum, Omentum and Mesentery-----	21	1	19	18	1	17	3	0	3	0	0	0	0	0	0
Other-----	14	7	7	8	3	5	5	3	2	0	0	0	0	0	0
Respiratory System-----	3,751	2,246	1,504	2,753	1,604	1,149	975	629	346	5	3	1	17	10	7
Nose, Nasal Cavity and Middle Ear-----	34	21	13	24	15	9	10	6	4	0	0	0	0	0	0
Larynx-----	253	202	51	166	130	36	85	70	15	0	0	0	1	1	0
Lung and Bronchus-----	3,452	2,016	1,436	2,553	1,452	1,101	878	551	327	5	3	1	16	9	7
Pleura-----	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0
Trachea and Other-----	10	6	3	8	5	2	2	1	1	0	0	0	0	0	0
Bones and Joints-----	31	17	14	23	13	10	8	4	4	0	0	0	0	0	0
Soft Tissue (Incl. heart)-----	154	80	73	102	59	43	50	20	30	0	0	0	1	1	0
Skin (Excl. basal and squamous)-----	629	381	248	598	367	232	22	10	12	1	1	1	1	0	0
Melanoma of the Skin-----	562	340	222	543	331	212	11	5	6	1	1	0	0	0	0
Other Non-Epithelial Skin-----	67	41	26	55	36	19	11	5	6	0	0	0	1	0	0
Breast-----	2,849	31	2,818	2,021	23	1,998	804	8	796	3	0	3	17	0	17

Female Genital System-----	985	--	985	681	--	681	294	--	294	1	--	1	8	--	8
Cervix Uteri-----	209	--	209	118	--	118	88	--	88	0	--	0	2	--	2
Corpus and Uterus, NOS-----	414	--	414	288	--	288	122	--	122	0	--	0	3	--	3
Corpus Uteri-----	398	--	398	279	--	279	115	--	115	0	--	0	3	--	3
Uterus, NOS-----	16	--	16	9	--	9	8	--	8	0	--	0	0	--	0
Ovary-----	267	--	267	203	--	203	61	--	61	0	--	0	2	--	2
Vagina-----	21	--	21	15	--	15	6	--	6	0	--	0	0	--	0
Vulva-----	60	--	60	48	--	48	12	--	12	0	--	0	0	--	0
Other-----	14	--	14	9	--	9	4	--	4	0	--	0	0	--	0
Male Genital System-----	3,416	3,416	--	2,335	2,335	--	1,043	1,043	--	4	4	--	11	11	--
Prostate-----	3,303	3,303	--	2,238	2,238	--	1,028	1,028	--	3	3	--	11	11	--
Testis-----	91	91	--	82	82	--	9	9	--	0	0	--	0	0	--
Penis-----	19	19	--	13	13	--	6	6	--	0	0	--	0	0	--
Other-----	3	3	--	2	2	--	0	0	--	0	0	--	0	0	--
Urinary System-----	1,683	1,131	552	1,352	928	424	319	195	124	3	2	1	6	4	2
Urinary Bladder (Incl. In Situ)-----	850	639	210	721	552	169	124	83	40	1	1	0	3	2	0
Kidney and Renal Pelvis-----	794	470	324	599	358	242	188	109	79	2	1	1	3	2	1
Ureter-----	28	17	11	23	15	8	4	2	3	0	0	0	0	0	0
Other-----	12	5	7	9	4	5	3	1	2	0	0	0	0	0	0
Eye and Orbit-----	32	17	16	29	15	14	3	2	1	0	0	0	0	0	0
Brain and Nervous System-----	261	147	114	206	116	90	53	29	24	0	0	0	2	1	0
Brain-----	250	142	108	197	112	85	51	29	23	0	0	0	2	1	0
Cranial Nerves and Other NS-----	11	5	6	9	4	5	2	1	1	0	0	0	0	0	0
Endocrine System-----	379	102	278	299	85	214	72	15	58	1	0	1	6	2	4
Thyroid-----	349	86	263	279	74	205	62	10	52	1	0	1	6	2	4
Thymus and Other Endocrine-----	30	15	15	19	11	9	10	4	6	0	0	0	0	0	0
Lymphoma-----	994	533	461	791	422	369	195	107	88	1	0	1	5	3	2
Hodgkin Lymphoma-----	130	72	58	96	54	42	32	18	15	0	0	0	1	0	1
Non-Hodgkin lymphoma-----	863	461	403	695	368	327	163	89	73	1	0	0	4	2	2
Multiple Myeloma-----	289	155	134	151	84	67	135	69	66	0	0	0	2	1	0
Leukemia-----	520	298	222	403	234	169	114	63	51	1	0	0	2	0	1
Lymphocytic Leukemia-----	237	144	93	193	116	77	43	28	15	0	0	0	0	0	0
Acute Lymphocytic Leukemia-----	54	31	22	41	24	17	12	8	5	0	0	0	0	0	0
Chronic Lymphocytic Leukemia-----	166	101	65	136	82	54	29	19	10	0	0	0	0	0	0
Other Lymphocytic Leukemia-----	17	11	6	15	10	5	2	2	1	0	0	0	0	0	0
Myeloid and Monocytic Leukemia-----	241	131	109	181	102	79	58	29	29	1	0	0	1	0	1
Acute Myeloid Leukemia-----	147	77	70	113	61	52	33	16	17	0	0	0	1	0	1
Acute Monocytic Leukemia-----	12	5	6	9	4	5	2	1	1	0	0	0	0	0	0
Chronic Myeloid Leukemia-----	72	43	29	51	32	19	21	11	10	0	0	0	0	0	0
Other Myeloid/Monocytic Leukemia-----	10	6	4	8	5	3	2	1	1	0	0	0	0	0	0
Other Leukemia-----	42	23	20	29	16	13	13	7	6	0	0	0	0	0	0
Other Acute Leukemia-----	13	8	5	8	5	3	5	3	2	0	0	0	0	0	0
Aleukemic, Subleukemic and NOS-----	29	15	14	21	11	10	8	4	4	0	0	0	0	0	0
Mesothelioma-----	58	45	13	47	36	10	12	9	3	0	0	0	0	0	0
Kaposi Sarcoma-----	22	17	5	12	9	3	10	8	2	0	0	0	0	0	0
III-Defined and Unknown Sites-----	472	246	226	335	172	163	132	71	61	1	0	0	4	2	1
In Situ Cancers (not included above)															
Breast In Situ-----	551	5	546	406	4	403	140	1	139	1	0	1	3	0	3

-- Not applicable

a Natives

** Includes Pacific Islanders

Table A2. Percent Distribution of Cancer Cases, 2003-2007, Louisiana

Primary Site	All Races			Whites			Blacks			American Indians *			Asians **		
	Totals	Male	Female	Totals	Male	Female	Totals	Male	Female	Totals	Male	Female	Totals	Male	Female
Invasive Cancers															
All Sites Combined-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Oral Cavity and Pharynx-----	2.5	3.4	1.6	2.6	3.4	1.6	2.4	3.3	1.4	3.4	5.8	0.0	4.1	4.7	3.4
Lip-----	0.1	0.2	0.1	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.3
Tongue-----	0.6	0.8	0.4	0.7	0.9	0.5	0.4	0.5	0.3	0.7	1.2	0.0	0.5	0.0	1.0
Salivary Gland-----	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.7	1.2	0.0	0.4	0.4	0.3
Floor of Mouth-----	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.4	0.4	0.3
Gum and Other Mouth-----	0.4	0.4	0.3	0.4	0.4	0.3	0.4	0.5	0.4	1.3	2.3	0.0	0.5	0.4	0.7
Nasopharynx-----	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.0	0.0	0.0	1.1	1.8	0.3
Tonsil-----	0.4	0.7	0.2	0.5	0.7	0.2	0.4	0.6	0.2	0.0	0.0	0.0	0.2	0.4	0.0
Oropharynx-----	0.1	0.2	0.0	0.1	0.1	0.0	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Hypopharynx-----	0.2	0.3	0.1	0.2	0.3	0.1	0.3	0.5	0.1	0.0	0.0	0.0	0.4	0.4	0.3
Other-----	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.7	1.2	0.0	0.4	0.7	0.0
Digestive System-----	19.6	19.8	19.3	18.5	18.9	17.9	22.6	22.1	23.1	26.8	29.1	23.8	25.0	30.3	20.0
Esophagus-----	1.1	1.6	0.5	1.0	1.5	0.4	1.2	1.7	0.7	2.0	3.5	0.0	0.4	0.7	0.0
Stomach-----	1.7	1.8	1.5	1.3	1.5	1.1	2.7	2.8	2.5	2.7	4.7	0.0	3.5	4.7	2.4
Small Intestine-----	0.5	0.4	0.5	0.4	0.4	0.4	0.6	0.5	0.7	0.7	1.2	0.0	0.5	1.1	0.0
Colon and Rectum-----	11.3	10.9	11.7	10.9	10.8	11.1	12.3	11.2	13.5	11.4	8.1	15.9	10.2	10.8	9.7
Colon-----	8.2	7.7	8.8	7.8	7.5	8.2	9.1	8.1	10.3	8.7	7.0	11.1	6.9	5.8	7.9
Rectum and Rectosigmoid Junction-----	3.1	3.3	2.9	3.1	3.3	2.9	3.2	3.1	3.2	2.7	1.2	4.8	3.4	5.1	1.7
Anus, Anal Canal and Anorectum-----	0.3	0.2	0.4	0.3	0.2	0.4	0.3	0.3	0.4	0.7	0.0	1.6	0.2	0.4	0.0
Liver and Intrahepatic Bile Duct-----	1.4	1.9	0.8	1.2	1.6	0.7	1.8	2.5	0.9	6.0	9.3	1.6	6.2	9.0	3.4
Liver-----	1.3	1.8	0.7	1.1	1.5	0.6	1.7	2.4	0.9	5.4	9.3	0.0	6.0	9.0	3.1
Intrahepatic Bile Duct-----	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.7	0.0	1.6	0.2	0.0	0.3
Gallbladder-----	0.2	0.2	0.3	0.2	0.1	0.3	0.3	0.2	0.3	0.0	0.0	0.0	0.2	0.4	0.0
Other Biliary Tract-----	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	2.0	2.3	1.6	0.9	0.7	1.0
Pancreas-----	2.6	2.3	3.0	2.5	2.3	2.8	3.0	2.5	3.5	1.3	0.0	3.2	3.0	2.5	3.4
Retroperitoneum-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Peritoneum, Omentum and Mesentery-----	0.1	0.0	0.2	0.1	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Other-----	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Respiratory System-----	17.7	19.5	15.5	17.9	19.2	16.4	17.2	20.6	13.3	16.1	19.8	11.1	15.0	17.7	12.4
Nose, Nasal Cavity and Middle Ear-----	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.3
Larynx-----	1.2	1.7	0.5	1.1	1.6	0.5	1.5	2.3	0.6	0.0	0.0	0.0	0.9	1.4	0.3
Lung and Bronchus-----	16.3	17.5	14.8	16.6	17.4	15.7	15.5	18.0	12.6	16.1	19.8	11.1	13.8	16.2	11.4
Pleura-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3
Trachea and Other-----	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bones and Joints-----	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Soft Tissue (Incl. heart)-----	0.7	0.7	0.8	0.7	0.7	0.6	0.9	0.7	1.1	0.7	0.0	1.6	0.7	1.1	0.3
Skin (Excl. basal and squamous)-----	3.0	3.3	2.6	3.9	4.4	3.3	0.4	0.3	0.5	4.7	4.7	4.8	0.7	0.7	0.7
Melanoma of the Skin-----	2.6	2.9	2.3	3.5	4.0	3.0	0.2	0.2	0.2	4.0	4.7	3.2	0.0	0.0	0.0
Other Non-Epithelial Skin-----	0.3	0.4	0.3	0.4	0.4	0.3	0.2	0.2	0.2	0.7	0.0	1.6	0.7	0.7	0.7
Breast-----	13.4	0.3	29.1	13.1	0.3	28.5	14.2	0.3	30.7	10.1	0.0	23.8	15.0	0.4	29.0

Female Genital System-----	4.6	--	10.2	4.4	--	9.7	5.2	--	11.3	2.7	--	6.3	7.1	--	13.8
Cervix Uteri-----	1.0	--	2.2	0.8	--	1.7	1.6	--	3.4	0.0	--	0.0	2.1	--	4.1
Corpus and Uterus, NOS-----	2.0	--	4.3	1.9	--	4.1	2.2	--	4.7	1.3	--	3.2	2.5	--	4.8
Corpus Uteri-----	1.9	--	4.1	1.8	--	4.0	2.0	--	4.4	1.3	--	3.2	2.5	--	4.8
Uterus, NOS-----	0.1	--	0.2	0.1	--	0.1	0.1	--	0.3	0.0	--	0.0	0.0	--	0.0
Ovary-----	1.3	--	2.8	1.3	--	2.9	1.1	--	2.3	1.3	--	3.2	1.9	--	3.8
Vagina-----	0.1	--	0.2	0.1	--	0.2	0.1	--	0.2	0.0	--	0.0	0.0	--	0.0
Vulva-----	0.3	--	0.6	0.3	--	0.7	0.2	--	0.4	0.0	--	0.0	0.4	--	0.7
Other-----	0.1	--	0.1	0.1	--	0.1	0.1	--	0.2	0.0	--	0.0	0.2	--	0.3
Male Genital System-----	16.1	29.6	--	15.2	27.9	--	18.4	34.1	--	12.1	20.9	--	9.5	19.5	--
Prostate-----	15.6	28.6	--	14.6	26.7	--	18.2	33.6	--	10.7	18.6	--	9.3	19.1	--
Testis-----	0.4	0.8	--	0.5	1.0	--	0.2	0.3	--	1.3	2.3	--	0.2	0.4	--
Penis-----	0.1	0.2	--	0.1	0.2	--	0.1	0.2	--	0.0	0.0	--	0.0	0.0	--
Other-----	0.0	0.0	--	0.0	0.0	--	0.0	0.0	--	0.0	0.0	--	0.0	0.0	--
Urinary System-----	7.9	9.8	5.7	8.8	11.1	6.1	5.6	6.4	4.8	10.7	11.6	9.5	5.3	7.2	3.4
Urinary Bladder (Incl. In Situ)-----	4.0	5.5	2.2	4.7	6.6	2.4	2.2	2.7	1.5	2.7	4.7	0.0	2.3	4.0	0.7
Kidney and Renal Pelvis-----	3.7	4.1	3.3	3.9	4.3	3.5	3.3	3.6	3.1	7.4	5.8	9.5	2.6	2.9	2.4
Ureter-----	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.7	1.2	0.0	0.2	0.4	0.0
Other-----	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.3
Eye and Orbit-----	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Brain and Nervous System-----	1.2	1.3	1.2	1.3	1.4	1.3	0.9	1.0	0.9	0.7	1.2	0.0	1.6	2.5	0.7
Brain-----	1.2	1.2	1.1	1.3	1.3	1.2	0.9	0.9	0.9	0.7	1.2	0.0	1.6	2.5	0.7
Cranial Nerves and Other NS-----	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Endocrine System-----	1.8	0.9	2.9	1.9	1.0	3.1	1.3	0.5	2.2	4.7	1.2	9.5	5.1	2.9	7.2
Thyroid-----	1.6	0.7	2.7	1.8	0.9	2.9	1.1	0.3	2.0	4.7	1.2	9.5	4.9	2.9	6.9
Thymus and Other Endocrine-----	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.2	0.0	0.3
Lymphoma-----	4.7	4.6	4.8	5.1	5.0	5.3	3.4	3.5	3.4	2.7	1.2	4.8	4.4	5.1	3.8
Hodgkin Lymphoma-----	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.0	1.6	0.9	0.7	1.0
Non-Hodgkin Lymphoma-----	4.1	4.0	4.2	4.5	4.4	4.7	2.9	2.9	2.8	2.0	1.2	3.2	3.5	4.3	2.8
Multiple Myeloma-----	1.4	1.3	1.4	1.0	1.0	1.0	2.4	2.3	2.5	0.7	0.0	1.6	1.6	2.5	0.7
Leukemia-----	2.4	2.6	2.3	2.6	2.8	2.4	2.0	2.1	2.0	2.0	2.3	1.6	1.4	0.7	2.1
Lymphocytic Leukemia-----	1.1	1.2	1.0	1.3	1.4	1.1	0.8	0.9	0.6	0.0	0.0	0.0	0.4	0.0	0.7
Acute Lymphocytic Leukemia-----	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.3
Chronic Lymphocytic Leukemia-----	0.8	0.9	0.7	0.9	1.0	0.8	0.5	0.6	0.4	0.0	0.0	0.0	0.2	0.0	0.3
Other Lymphocytic Leukemia-----	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Myeloid and Monocytic Leukemia-----	1.1	1.1	1.1	1.2	1.2	1.1	1.0	0.9	1.1	2.0	2.3	1.6	0.9	0.4	1.4
Acute Myeloid Leukemia-----	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.7	1.3	2.3	0.0	0.9	0.4	1.4
Acute Monocytic Leukemia-----	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Chronic Myeloid Leukemia-----	0.3	0.4	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.7	0.0	1.6	0.0	0.0	0.0
Other Myeloid/Monocytic Leukemia-----	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Leukemia-----	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.2	0.4	0.0
Other Acute Leukemia-----	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Aleukemic, Subleukemic and NOS-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.2	0.4	0.0
Mesothelioma-----	0.3	0.4	0.1	0.3	0.4	0.1	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Kaposi Sarcoma-----	0.1	0.1	0.0	0.1	0.1	0.0	0.2	0.3	0.1	0.0	0.0	0.0	0.2	0.4	0.0
III-Defined and Unknown Sites-----	2.2	2.1	2.3	2.2	2.1	2.3	2.3	2.3	2.4	2.0	2.3	1.6	3.4	4.3	2.4

-- Not applicable

a Natives

** Includes Pacific Islanders

Table B. Average Annual Cancer Incidence Rates,¹ 2003-2007, Louisiana

Primary Site	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Invasive Cancers									
All Sites Combined-----	484.2	603.4	399.3	478.9	585.2	402.3	511.1	679.8	400.3
Oral Cavity and Pharynx-----	12.0	19.0	6.2	12.2	19.0	6.3	11.5	19.6	5.5
Lip-----	0.7	1.3	0.2	0.9	1.6	0.3	^	^	^
Tongue-----	3.1	4.7	1.7	3.5	5.2	1.9	2.0	3.2	1.1
Salivary Gland-----	1.1	1.5	0.9	1.1	1.6	0.8	1.0	1.2	0.9
Floor of Mouth-----	0.8	1.4	0.3	0.8	1.3	0.3	0.7	1.5	^
Gum and Other Mouth-----	1.8	2.3	1.4	1.7	2.1	1.3	2.1	2.9	1.5
Nasopharynx-----	0.7	1.1	0.4	0.6	0.8	0.4	1.0	1.7	^
Tonsil-----	2.1	3.6	0.7	2.2	3.8	0.7	1.9	3.5	0.6
Oropharynx-----	0.5	0.8	0.2	0.4	0.6	^	0.9	1.6	^
Hypopharynx-----	1.0	1.8	0.3	0.8	1.4	0.3	1.6	3.3	^
Other-----	0.3	0.5	^	0.3	0.5	^	^	^	^
Digestive System-----	95.0	120.0	75.7	87.8	111.1	69.2	118.2	151.5	94.9
Esophagus-----	5.1	9.1	2.0	4.8	8.6	1.7	6.2	11.0	2.7
Stomach-----	8.2	11.4	5.8	6.2	8.7	4.2	14.4	20.5	10.4
Small Intestine-----	2.2	2.6	2.0	2.0	2.3	1.8	3.1	3.5	2.8
Colon and Rectum-----	54.8	66.5	46.0	52.0	63.7	42.9	64.3	77.8	55.4
Colon-----	39.8	47.4	34.3	37.3	44.8	31.5	48.5	57.9	42.5
Rectum and Rectosigmoid Junction-----	15.0	19.0	11.7	14.8	18.9	11.3	15.8	19.9	12.9
Anus, Anal Canal and Anorectum-----	1.5	1.4	1.5	1.5	1.3	1.6	1.5	1.6	1.4
Liver and Intrahepatic Bile Duct-----	6.5	10.8	3.1	5.6	9.1	2.7	8.5	14.9	3.7
Liver-----	6.2	10.5	2.8	5.3	8.9	2.4	8.2	14.4	3.5
Intrahepatic Bile Duct-----	0.3	0.3	0.3	0.3	0.3	0.3	0.3	^	^
Gallbladder-----	1.1	1.0	1.3	1.0	0.8	1.2	1.6	1.8	1.4
Other Biliary Tract-----	1.5	2.0	1.2	1.5	2.1	1.2	1.4	1.7	1.3
Pancreas-----	12.8	14.4	11.5	11.9	13.7	10.5	16.0	17.5	14.7
Retroperitoneum-----	0.3	0.3	0.3	0.3	0.4	0.3	0.3	^	^
Peritoneum, Omentum and Mesentery-----	0.5	^	0.8	0.6	^	0.9	^	^	^
Other-----	0.3	0.4	0.3	0.3	0.2	0.3	0.5	0.9	^
Respiratory System-----	85.9	118.7	61.5	85.0	112.6	64.3	89.9	141.2	55.0
Nose, Nasal Cavity and Middle Ear-----	0.8	1.0	0.5	0.8	1.0	0.5	0.8	1.2	0.6
Larynx-----	5.6	10.0	2.1	5.1	8.8	2.1	7.3	14.2	2.2
Lung and Bronchus-----	79.2	107.2	58.7	78.9	102.3	61.5	81.5	125.4	52.0
Pleura-----	^	^	^	^	^	0.0	^	^	^
Trachea and Other-----	0.2	0.3	0.1	0.3	0.4	^	^	^	^
Bones and Joints-----	0.7	0.8	0.6	0.8	0.9	0.6	0.6	0.7	0.6
Soft Tissue (Incl. heart)-----	3.5	4.0	3.1	3.3	4.2	2.6	4.1	3.8	4.4
Skin (Excl. basal and squamous)-----	14.4	20.1	10.5	19.1	25.9	14.2	1.9	2.2	1.8
Melanoma of the Skin-----	12.9	17.7	9.4	17.3	23.2	13.1	1.1	1.2	1.0
Other Non-Epithelial Skin-----	1.6	2.3	1.1	1.7	2.7	1.1	0.9	0.9	0.8
Breast-----	64.7	1.6	117.0	63.3	1.6	116.4	69.4	1.8	119.9

Female Genital System-----	22.5	--	41.2	21.6	--	40.5	25.9	--	44.8
Cervix Uteri-----	4.9	--	9.3	4.0	--	7.9	7.3	--	13.0
Corpus and Uterus, NOS-----	9.3	--	17.0	8.9	--	16.7	11.1	--	19.0
Corpus Uteri-----	8.9	--	16.3	8.6	--	16.2	10.4	--	17.8
Uterus, NOS-----	0.4	--	0.6	0.3	--	0.5	0.7	--	1.2
Ovary-----	6.1	--	11.0	6.3	--	11.7	5.6	--	9.5
Vagina-----	0.5	--	0.8	0.5	--	0.8	0.6	--	1.0
Vulva-----	1.4	--	2.5	1.5	--	2.8	1.0	--	1.7
Other-----	0.3	--	0.6	0.3	--	0.5	0.3	--	0.6
Male Genital System-----	77.4	177.2	--	71.6	160.7	--	96.6	237.4	--
Prostate-----	74.7	171.7	--	68.2	153.8	--	95.4	234.8	--
Testis-----	2.1	4.4	--	2.9	5.8	--	0.6	1.3	--
Penis-----	0.4	1.0	--	0.4	0.9	--	0.5	1.2	--
Other-----	^	^	--	^	^	--	^	^	--
Urinary System-----	38.6	60.7	22.5	42.0	66.2	23.8	29.3	43.5	19.6
Urinary Bladder (Incl. In Situ)-----	19.7	35.6	8.5	22.4	40.4	9.2	11.8	19.9	6.5
Kidney and Renal Pelvis-----	18.0	23.9	13.3	18.6	24.4	13.9	16.8	22.9	12.4
Ureter-----	0.7	1.0	0.4	0.7	1.1	0.4	0.4	^	^
Other-----	0.3	0.3	0.3	0.3	0.3	0.3	^	^	^
Eye and Orbit-----	0.7	0.9	0.7	0.9	1.1	0.8	^	^	^
Brain and Nervous System-----	5.9	7.3	4.8	6.7	8.0	5.5	4.2	5.4	3.4
Brain-----	5.7	7.1	4.6	6.4	7.8	5.2	4.1	5.3	3.2
Cranial Nerves and Other NS-----	0.2	0.2	0.3	0.3	0.3	0.4	^	^	^
Endocrine System-----	8.7	5.0	12.2	9.9	5.8	14.0	5.8	2.8	8.3
Thyroid-----	8.0	4.3	11.5	9.3	5.1	13.4	5.0	2.0	7.5
Thymus and Other Endocrine-----	0.7	0.7	0.7	0.6	0.7	0.6	0.8	0.8	0.9
Lymphoma-----	22.8	27.5	19.0	25.0	29.8	21.1	16.4	20.6	13.2
Hodgkin Lymphoma-----	3.0	3.5	2.6	3.3	3.9	2.8	2.4	2.9	2.0
Non-Hodgkin lymphoma-----	19.8	24.0	16.5	21.7	25.9	18.3	14.0	17.7	11.2
Multiple Myeloma-----	6.7	8.3	5.4	4.7	6.0	3.7	12.8	16.2	10.5
Leukemia-----	12.0	15.8	9.2	12.9	16.9	9.8	10.0	13.1	7.7
Lymphocytic Leukemia-----	5.5	7.5	3.8	6.2	8.3	4.4	3.8	5.8	2.4
Acute Lymphocytic Leukemia-----	1.2	1.5	1.0	1.5	1.8	1.2	0.8	1.1	0.6
Chronic Lymphocytic Leukemia-----	3.8	5.5	2.6	5.8	7.3	4.6	4.9	5.8	4.3
Other Lymphocytic Leukemia-----	0.4	0.6	0.2	0.5	0.7	0.3	^	^	^
Myeloid and Monocytic Leukemia-----	5.6	7.0	4.5	5.8	7.3	4.6	4.9	5.8	4.3
Acute Myeloid Leukemia-----	3.4	4.1	2.9	3.6	4.4	3.0	2.8	3.2	2.5
Acute Monocytic Leukemia-----	0.3	0.3	0.3	0.3	0.3	0.3	^	^	^
Chronic Myeloid Leukemia-----	1.7	2.2	1.2	1.6	2.2	1.1	1.8	2.3	1.4
Other Myeloid/Monocytic Leukemia-----	0.2	0.3	0.2	0.3	0.3	0.2	^	^	^
Other Leukemia-----	1.0	1.3	0.8	0.9	1.2	0.7	1.2	1.5	1.0
Other Acute Leukemia-----	0.3	0.4	0.2	0.3	0.4	0.2	0.4	^	^
Aleukemic, Subleukemic and NOS-----	0.7	0.9	0.6	0.7	0.8	0.5	0.8	1.0	0.7
Mesothelioma-----	1.3	2.5	0.5	1.4	2.6	0.6	1.1	2.2	^
Kaposi Sarcoma-----	0.5	0.9	0.2	0.4	0.7	^	0.8	1.5	^
Ill-Defined and Unknown Sites-----	10.8	13.2	9.0	10.3	12.3	8.8	12.4	16.1	9.8
In Situ Cancers (not included above)									
Breast In Situ-----	12.6	0.2	23.1	12.9	0.3	24.0	12.5	^	21.6

1. Rates per 100,000 person-years, age adjusted to the U.S. 2000 standard. See "Calculation of 2005 rates" in Introduction.

^ Rates are not calculated if fewer than 16 cases were diagnosed during these five years.

-- Not applicable

Table C. Average Annual Cancer Incidence Rates,¹ 2003-2007: U.S., Louisiana, and Industrial Corridor²

Primary Site (Invasive cancers only)	White Males			White Females			Black Males			Black Females		
	U.S. ³	La.	Ind. Corr.	U.S. ³	La.	Ind. Corr.	U.S. ³	La.	Ind. Corr.	U.S. ³	La.	Ind. Corr.
All Sites Combined	541.5	587.7 ↑	585.9	419.6	405.9 ↓	406.3	624.0	686.5 ↑	728.6 #	399.1	403.6	415.9
Oral Cavity and Pharynx	15.8	19.1 ↑	18.3	6.1	6.4	6.7	16.2	20.4 ↑	17.8	5.8	5.6	5.2
Esophagus	8.0	8.8 ↑	8.8	1.9	1.8	1.2	8.9	10.8 ↑	9.8	2.9	2.7	2.5
Stomach	9.6	8.7 ↓	6.3 *	4.7	4.2	2.4 *	16.8	20.7 ↑	20.1	8.6	10.6 ↑	8.3
Colon	38.6	45.2 ↑	42.6	30.6	31.5	32.7	50.8	57.5 ↑	60.5	41.0	42.4	44.3
Rectum	16.8	18.9 ↑	17.3	10.4	11.4 ↑	12.9	17.2	19.9 ↑	18.7	11.6	13.0	12.8
Liver and Bile Duct	9.1	9.3	6.0 *	3.1	2.8	2.7	14.0	15.3	15.3	4.4	3.8	5.0
Pancreas	13.2	13.6	14.0	10.3	10.6	12.4	16.7	17.4	16.9	14.4	15.0	20.3 #
Larynx	6.1	8.6 ↑	6.5	1.3	2.1 ↑	1.5	10.3	14.6 ↑	15.0	1.9	2.1	3.2
Lung and Bronchus	76.4	103.1 ↑	83.7 *	54.7	61.8 ↑	55.7 *	101.3	125.9 ↑	129.7	54.9	52.1	49.3
Melanoma of the Skin	29.7	22.8 ↓	27.0 #	19.1	13.1 ↓	14.5	1.1	1.3	1.4	1.0	1.0	1.1
Breast	1.2	1.6 ↑	1.5	126.5	118.3 ↓	128.1 #	1.6	1.7	1.7	118.3	121.8	132.9 #
Cervix	--	--	--	7.9	8.0	5.8 *	--	--	--	10.1	12.8 ↑	11.5
Uterus	--	--	--	24.4	16.9	13.2 *	--	--	--	20.6	19.0	18.6
Ovary	--	--	--	13.5	11.9 ↓	12.4	--	--	--	10.2	9.8	9.2
Prostate	150.4	155.9 ↑	186.3 #	--	--	--	234.6	239.8	282.7 #	--	--	--
Testis	6.4	5.9	6.1	--	--	--	1.2	1.3	0.6	--	--	--
Urinary Bladder (incl in situ)	40.4	40.0	43.1	9.8	9.3	10.4	20.7	20.4	17.7	7.6	6.4 ↓	7.0
Kidney and Renal Pelvis	19.7	24.6 ↑	25.1	10.2	13.8 ↑	14.5	21.8	22.8	23.6	10.7	12.5 ↑	13.9
Brain & Other Nervous System	8.4	8.1	8.0	6.0	5.4	6.6	4.7	5.3	4.0	3.5	3.4	4.3
Thyroid	5.5	5.1	3.8	16.0	13.7 ↓	10.1 *	3.0	2.1 ↓	1.2	8.9	7.5 ↓	5.1
Hodgkin Lymphoma	3.4	3.9 ↑	3.7	2.7	2.8	3.1	3.0	2.9	2.3	2.3	2.1	1.7
Non-Hodgkin Lymphoma	24.6	25.4	21.3 *	17.2	18.4 ↑	18.6	17.8	17.5	15.3	12.3	11.5	9.9
Multiple Myeloma	6.7	6.1	5.1	4.1	3.8	3.5	14.3	16.5 ↑	19.1	10.0	10.5	10.6
Leukemia	16.6	16.6	16.1	10.0	9.8	10.4	12.7	13.3	16.2	7.8	7.7	8.4

1. Rates per 100,000 person-years, age adjusted to the U.S. 2000 standard

2. The Industrial Corridor comprises Ascension, East Baton Rouge, Iberville, St. Charles, St. James, St. John the Baptist, and West Baton Rouge parishes.

3. U.S incidence rate estimates are from the Surveillance, Epidemiology and end Results (SEER) Program of the National Cancer Institute, 17 regions. For a list of the 17 regions, see: <http://seer.cancer.gov/registries/list.html>.

↑ or ↓ The Louisiana rate is significantly higher or lower (p ≤ 0.05) than the U.S. rate.

-- Not applicable

* Industrial Corridor rate is significantly lower than the Louisiana rate.

Industrial Corridor rate is significantly higher than the Louisiana rate.

Table D1. Ten Most Commonly Diagnosed Cancers, 2003-2007: White Males
Average Annual Incidence Rates¹ by Louisiana Parish

	All Sites	Prostate	Lung	Colon & Rectum	Bladder ²	Non- Hodgkin Lymphoma	Kidney	Melanoma of the Skin	Oral Cavity & Pharynx	Leukemia	Pancreas
Louisiana	587.7	155.9	103.1	64.2	40.0	25.4	24.6	22.8	19.1	16.6	13.6
Acadia	573.5	143.5	99.2	72.4	44.8	31.8	18.1	18.0	22.0	^	^
Allen	518.1	131.0	131.3	50.5	^	^	^	^	^	^	^
Ascension	610.4	196.4	104.0	69.7	46.9	22.0	26.6	20.1	16.0	15.4	^
Assumption	592.8	180.1	90.1	56.9	^	42.1	^	^	^	^	^
Avoyelles	636.3	147.3	135.8	87.5	34.6	28.3	23.2	^	^	^	^
Beauregard	572.4	148.0	113.9	69.5	45.2	34.5	22.4	^	^	^	^
Bienville	545.9	169.6	103.9	70.4	^	^	^	^	^	^	^
Bossier	679.0	194.8	132.5	59.8	40.1	30.6	27.0	35.3	25.2	15.3	9.9
Caddo	616.5	175.3	105.9	60.7	51.8	22.2	21.3	27.9	16.9	23.7	13.2
Calcasieu	638.2	191.4	106.6	56.1	34.3	29.6	28.7	21.1	19.5	21.4	12.2
Caldwell	626.8	94.0	164.5	96.9	^	^	^	^	^	^	^
Cameron	568.2	122.2	139.8	^	^	^	^	^	^	0.0	^
Catahoula	529.0	142.0	89.8	^	^	^	^	^	^	^	^
Claiborne	494.2	169.7	68.5	69.0	^	^	^	^	^	^	^
Concordia	500.1	136.5	92.7	63.6	^	^	^	^	^	^	^
De Soto	697.2	217.6	112.7	87.3	^	^	^	^	^	^	^
East Baton Rouge	580.4	199.5	74.5	57.3	40.8	19.7	23.2	30.4	18.2	15.6	15.8
East Carroll	665.1	185.6	^	^	^	^	^	^	^	^	0.0
East Feliciana	593.0	182.8	109.0	61.6	^	^	^	^	^	^	^
Evangeline	576.6	145.1	111.9	60.8	43.3	41.3	^	^	^	^	^
Franklin	607.9	167.6	121.2	^	53.6	^	^	^	^	^	^
Grant	496.3	86.8	130.0	51.2	44.7	^	^	^	^	^	^
Iberia	601.7	150.8	114.7	63.7	46.3	20.7	21.4	20.8	^	16.8	^
Iberville	675.6	191.4	102.6	70.0	51.4	^	^	^	^	^	^
Jackson	566.9	142.6	105.1	64.5	^	^	^	^	^	^	^
Jefferson	548.2	119.2	98.4	59.3	39.0	24.7	26.0	22.4	18.8	14.1	14.7
Jefferson Davis	688.6	189.4	136.7	71.0	^	41.4	^	^	^	^	^
Lafayette	585.0	159.3	99.8	64.8	39.6	24.1	22.2	22.2	19.2	18.4	13.5
Lafourche	546.8	157.5	91.0	57.3	39.3	23.1	30.1	^	19.3	14.1	12.3
La Salle	605.6	153.5	160.0	70.5	^	^	^	^	^	^	^
Lincoln	554.3	148.6	83.4	82.9	^	33.1	^	31.7	^	^	^

Table D1. Ten Most Commonly Diagnosed Cancers, 2003-2007: White Males (2)

	All Sites	Prostate	Lung	Colon & Rectum	Bladder ²	Non- Hodgkin Lymphoma	Kidney	Melanoma of the Skin	Oral Cavity & Pharynx	Leukemia	Pancreas
Livingston	612.8	149.7	117.1	84.3	40.3	22.7	23.9	20.7	23.4	12.0	10.5
Madison	593.6	219.1	^	^	0.0	^	^	^	^	^	^
Morehouse	606.1	154.0	108.8	80.9	55.2	^	^	^	^	^	^
Natchitoches	624.9	203.1	96.8	83.0	31.5	^	^	^	^	^	^
Orleans	501.3	130.5	69.2	49.5	37.3	23.6	21.5	22.5	19.9	12.1	12.4
Ouachita	586.2	151.2	106.5	61.1	37.0	25.8	20.7	30.7	20.8	17.0	13.0
Plaquemines	540.4	102.8	132.7	54.1	61.4	^	^	^	^	^	^
Pointe Coupee	663.1	166.0	104.9	99.0	44.1	^	44.7	^	^	^	^
Rapides	575.9	159.2	106.9	60.8	34.7	21.0	25.9	16.0	16.0	27.5	17.2
Red River	573.4	117.6	^	^	^	^	^	^	^	0.0	0.0
Richland	655.6	129.6	154.6	66.2	61.2	^	^	^	^	^	^
Sabine	658.0	182.5	115.0	91.9	31.8	^	^	^	^	^	^
St. Bernard	594.9	108.0	111.7	75.4	48.4	17.8	19.9	^	27.2	^	23.0
St. Charles	544.7	141.4	87.1	49.4	37.1	25.7	23.2	28.7	^	^	^
St. Helena	634.5	^	133.5	^	^	^	^	^	^	0.0	^
St. James	573.4	182.2	98.0	77.4	^	^	^	^	^	^	^
St. John the Baptist	549.7	105.7	89.3	54.8	65.9	^	^	^	^	^	^
St. Landry	627.3	160.8	107.2	77.0	46.6	20.7	41.9	17.1	21.6	19.8	18.8
St. Martin	589.0	155.5	130.2	58.9	32.4	^	^	^	^	^	^
St. Mary	574.1	148.9	102.1	78.9	29.6	28.7	^	^	^	^	^
St. Tammany	582.7	145.6	103.1	62.7	41.6	31.0	25.3	30.1	15.7	21.1	9.4
Tangipahoa	611.5	159.1	115.6	69.3	38.6	30.0	24.9	18.3	14.7	16.5	18.1
Tensas	574.2	^	^	^	^	^	^	^	^	^	^
Terrebonne	564.6	112.1	114.0	72.5	43.6	30.2	26.3	10.6	21.1	14.7	10.8
Union	623.4	168.7	105.7	46.1	^	^	^	^	^	^	^
Vermilion	636.3	199.9	100.2	81.2	38.0	24.1	23.5	17.1	^	^	15.6
Vernon	604.3	131.8	113.3	98.3	33.2	^	22.2	^	32.6	26.5	^
Washington	678.7	143.9	123.3	86.3	50.9	34.9	28.0	26.3	^	^	^
Webster	669.4	194.0	136.3	65.6	34.1	33.0	29.3	33.5	35.9	^	^
West Baton Rouge	643.9	186.6	98.6	80.3	^	^	^	^	^	^	^
West Carroll	638.6	175.7	118.3	^	^	^	^	^	^	^	^
West Feliciana	566.8	193.8	110.4	^	^	^	^	^	^	^	^
Winn	543.1	127.9	96.6	58.5	^	^	^	^	^	^	^

1. Rates per 100,000 person years, age adjusted to the U.S. 2000 standard. See "Calculation of 2005 rates" in Introduction.

2. Rates for bladder cancer include in situ cases.

^ Rates are not generated for cells with fewer than 16 cases in five years.

Table D2. Ten Most Commonly Diagnosed Cancers, 2003-2007: White Females
Average Annual Incidence Rates¹ by Louisiana Parish

	All Sites	Breast	Lung	Colon & Rectum	Non- Hodgkin Lympho	Uterus	Kidney	Thyroid	Melanoma of the Skin	Ovary	Pancreas
Louisiana	405.9	118.3	61.8	42.9	18.4	16.9	13.8	13.7	13.1	11.9	10.6
Acadia	429.7	125.1	64.6	49.5	28.8	15.9	12.7	^	^	^	14.6
Allen	399.7	91.0	52.3	59.3	^	^	^	^	^	^	^
Ascension	408.8	120.8	66.2	55.5	19.0	^	16.1	10.6	19.2	13.5	^
Assumption	394.6	121.5	62.6	^	^	^	^	^	^	^	^
Avoyelles	361.6	85.4	63.9	50.3	^	^	^	^	^	^	18.1
Beauregard	426.5	115.3	59.5	48.4	^	24.9	^	^	^	^	^
Bienville	325.5	90.7	^	^	^	^	^	^	^	^	^
Bossier	411.4	123.3	61.0	41.5	18.8	17.1	13.3	10.6	15.0	17.0	8.5
Caddo	398.7	109.3	69.9	40.1	20.9	19.8	9.5	14.7	12.4	10.6	10.0
Calcasieu	420.2	116.0	65.9	43.5	18.6	17.9	14.8	14.1	15.7	11.7	12.2
Caldwell	396.5	89.9	85.6	^	^	^	^	^	^	^	^
Cameron	393.2	104.2	^	^	^	^	^	^	^	^	^
Catahoula	499.6	131.4	67.4	^	^	^	^	0.0	^	^	^
Claiborne	339.4	95.8	65.7	^	^	^	^	^	^	^	^
Concordia	334.4	79.5	43.2	47.6	^	^	^	^	^	^	^
De Soto	446.7	145.0	50.5	58.0	^	^	^	^	^	^	^
East Baton Rouge	409.8	136.0	53.7	44.2	18.9	15.1	13.2	8.7	15.5	13.0	11.4
East Carroll	380.7	^	^	^	0.0	^	^	^	^	^	^
East Feliciana	369.8	113.5	53.4	^	^	^	^	^	^	^	^
Evangeline	414.2	107.8	70.6	50.8	^	^	^	^	^	^	^
Franklin	435.1	92.2	67.8	42.1	^	^	^	^	35.9	^	^
Grant	434.5	106.8	78.9	47.5	^	^	^	^	^	^	^
Iberia	452.1	126.6	83.1	40.3	13.4	21.9	18.9	30.0	14.8	^	12.9
Iberville	443.4	118.1	77.8	65.0	^	^	^	^	^	^	^
Jackson	474.3	139.8	99.1	48.8	^	^	^	^	^	^	^
Jefferson	400.8	121.3	60.5	38.7	20.0	17.3	14.1	11.5	11.5	13.6	6.8
Jefferson Davis	418.3	119.7	79.7	42.3	^	^	^	^	^	^	^
Lafayette	405.0	122.0	61.3	41.0	16.6	18.0	12.3	12.0	12.7	11.2	13.3
Lafourche	358.1	114.5	50.2	35.0	18.9	15.4	16.5	11.5	^	12.0	9.5
La Salle	373.2	122.2	50.7	60.3	^	^	^	^	^	^	^
Lincoln	389.8	98.6	55.4	49.8	^	31.7	^	^	^	^	^

Table D2. Ten Most Commonly Diagnosed Cancers, 2003-2007: White Females (2)

	All Sites	Breast	Lung	Colon & Rectum	Non-Hodgkin Lympho	Uterus	Kidney	Thyroid	Melanoma of the Skin	Ovary	Pancreas
Livingston	416.9	119.4	56.9	53.9	17.7	14.8	15.9	8.3	17.2	12.5	9.4
Madison	535.1	175.9	103.8	^	^	^	^	^	^	^	^
Morehouse	390.0	100.3	74.4	53.5	^	^	^	^	^	^	^
Natchitoches	417.6	92.8	65.7	44.7	^	38.6	^	^	^	^	^
Orleans	371.1	125.3	46.6	36.8	10.9	16.7	8.5	12.9	13.2	11.7	10.5
Ouachita	427.7	123.9	64.9	42.9	16.5	18.5	13.6	20.9	23.1	8.1	11.7
Plaquemines	414.9	130.6	54.8	46.9	^	^	^	^	^	^	^
Pointe Coupee	376.8	116.4	54.7	48.7	^	^	^	^	^	^	^
Rapides	381.1	98.7	56.3	41.6	17.0	16.7	12.0	16.8	10.5	10.9	11.4
Red River	281.5	^	^	^	^	0.0	0.0	0.0	^	^	^
Richland	394.6	97.6	63.4	^	^	^	^	^	^	^	0.0
Sabine	431.5	119.9	69.2	44.0	^	^	^	^	^	^	^
St. Bernard	398.2	105.6	64.3	48.7	20.8	18.6	22.6	^	^	^	13.0
St. Charles	362.9	99.4	48.4	27.6	22.3	^	^	^	^	^	20.1
St. Helena	382.0	^	^	^	^	^	^	^	^	^	0.0
St. James	376.6	114.8	^	^	^	0.0	^	^	^	^	^
St. John the Baptist	398.0	134.2	48.9	40.8	^	^	^	^	^	^	^
St. Landry	418.0	124.0	76.1	32.2	16.6	13.7	16.3	16.5	^	11.5	16.4
St. Martin	444.2	113.5	67.0	51.9	^	24.5	^	22.8	^	^	^
St. Mary	417.5	105.5	66.2	51.5	24.6	^	^	^	^	^	^
St. Tammany	457.2	135.5	68.4	43.9	22.2	14.4	15.1	18.3	16.3	14.3	10.9
Tangipahoa	409.0	119.8	58.9	42.8	27.6	16.6	12.5	10.3	13.6	11.1	8.6
Tensas	366.6	^	^	^	0.0	^	^	^	0.0	^	0.0
Terrebonne	372.8	96.9	57.4	40.2	21.4	16.8	14.7	10.8	10.7	13.3	10.5
Union	377.4	128.6	56.1	31.0	^	^	^	^	^	^	^
Vermilion	423.6	121.8	68.9	57.4	16.5	18.0	13.6	24.1	^	^	13.3
Vernon	402.7	104.7	72.9	42.0	20.5	24.4	^	^	^	^	^
Washington	385.2	109.9	59.7	39.4	19.7	^	^	^	^	^	^
Webster	437.5	106.6	71.7	49.8	20.0	17.8	^	^	^	16.4	^
West Baton Rouge	419.8	112.9	54.7	52.4	^	^	^	^	^	^	^
West Carroll	402.5	129.1	71.8	^	^	^	^	^	^	^	^
West Feliciana	345.3	117.2	^	^	^	^	^	0.0	^	0.0	0.0
Winn	337.9	65.9	63.7	^	^	^	^	^	^	^	^

1. Rates per 100,000 person years, age adjusted to the U.S. 2000 standard. See "Calculation of 2005 rates" in Introduction.

^ Rates are not generated for cells with fewer than 16 cases in five years.

Table D3. Ten Most Commonly Diagnosed Cancers, 2003-2007: Black Males (2)

	All Sites	Prostate	Lung	Colon & Rectum	Kidney	Stomach	Oral Cavity & Pharynx	Bladder ²	Non-Hodgkin Lymphoma	Pancreas	Multiple Myeloma
Livingston	754.4	267.1	^	^	^	^	^	^	^	^	^
Madison	640.3	218.6	^	^	^	^	^	^	^	^	^
Morehouse	769.0	301.5	144.2	111.9	^	^	^	^	^	^	^
Natchitoches	665.0	227.9	97.8	^	^	^	^	^	^	^	^
Orleans	622.3	189.0	118.7	75.9	22.5	19.5	20.9	24.0	23.6	12.5	12.7
Ouachita	655.2	231.9	109.9	90.6	24.7	^	^	^	^	^	^
Plaquemines	668.5	220.3	^	^	^	^	^	^	^	^	0.0
Pointe Coupee	759.9	253.6	175.8	^	^	^	^	^	^	^	^
Rapides	657.2	285.9	118.4	48.9	^	^	^	^	^	^	^
Red River	753.6	^	^	^	^	^	^	0.0	^	0.0	^
Richland	626.6	242.8	^	^	^	^	^	0.0	^	^	0.0
Sabine	927.0	431.0	^	^	^	0.0	^	0.0	^	^	^
St. Bernard	823.2	^	^	^	0.0	^	^	^	0.0	^	0.0
St. Charles	616.9	224.5	144.2	^	^	^	^	^	0.0	0.0	^
St. Helena	499.6	204.3	^	^	^	0.0	^	^	0.0	^	^
St. James	721.6	244.7	106.4	92.7	^	^	^	^	^	^	^
St. John the Baptist	723.4	243.9	138.3	75.5	^	^	^	^	^	^	^
St. Landry	640.9	211.7	118.7	86.4	^	^	^	^	^	37.6	^
St. Martin	640.3	203.7	115.9	^	^	^	^	^	^	^	^
St. Mary	686.7	237.3	120.4	82.8	^	^	^	^	^	^	^
St. Tammany	648.4	219.7	109.8	71.8	^	^	^	^	^	^	^
Tangipahoa	690.5	278.4	132.7	55.9	^	^	^	^	^	^	^
Tensas	650.8	^	^	^	^	^	0.0	0.0	^	0.0	^
Terrebonne	675.4	190.2	129.6	97.6	^	^	^	^	^	^	^
Union	702.5	248.8	^	^	^	0.0	^	^	0.0	^	^
Vermilion	703.7	234.5	160.4	^	^	^	^	^	^	^	^
Vernon	813.3	331.7	^	^	^	^	^	^	0.0	^	^
Washington	908.3	373.4	177.9	^	^	^	^	^	^	^	^
Webster	828.0	313.7	146.4	85.6	^	^	^	^	^	^	^
West Baton Rouge	745.3	285.6	160.0	^	^	0.0	^	^	^	^	^
West Carroll	897.4	^	^	^	0.0	0.0	^	^	^	0.0	^
West Feliciana	897.0	451.0	^	^	^	^	^	^	^	^	^
Winn	577.6	^	^	^	^	0.0	^	0.0	^	^	^

1. Rates per 100,000 person years, age adjusted to the U.S. 2000 standard. See "Calculation of 2005 rates" in Introduction.

2. Rates for bladder cancer include in situ cases.

^ Rates are not generated for cells with fewer than 16 cases in five years.

Table D4. Ten Most Commonly Diagnosed Cancers, 2003-2007: Black Females
Average Annual Incidence Rates¹ by Louisiana Parish

	All Sites	Breast	Colon & Rectum	Lung	Uterus & Corpus	Pancreas	Cervix	Kidney	Non-Hodgkin Lymphoma	Stomach	Multiple Myeloma
Louisiana	403.6	121.8	55.4	52.1	19.0	15.0	12.8	12.5	11.5	10.6	10.5
Acadia	445.6	129.2	93.0	^	^	^	^	^	^	^	^
Allen	260.1	^	^	^	^	^	0.0	^	^	^	0.0
Ascension	414.1	161.0	70.1	^	^	^	^	^	^	^	^
Assumption	399.9	138.9	^	^	^	^	^	^	0.0	^	^
Avoyelles	336.7	^	^	86.4	^	^	^	^	0.0	^	^
Beauregard	388.2	^	^	^	^	^	^	0.0	^	0.0	0.0
Bienville	365.5	118.1	^	^	^	^	^	0.0	^	^	^
Bossier	348.2	105.8	53.8	^	^	0.0	^	^	^	^	^
Caddo	407.6	123.3	60.2	41.0	21.2	15.4	17.5	13.0	14.5	11.7	10.0
Calcasieu	417.2	112.9	64.9	71.3	^	20.2	21.6	^	^	^	^
Caldwell	458.5	^	^	^	^	0.0	0.0	0.0	^	^	0.0
Cameron	^	0.0	^	^	0.0	0.0	0.0	0.0	0.0	0.0	^
Catahoula	421.5	^	^	^	^	0.0	^	^	0.0	^	0.0
Claiborne	365.1	109.3	^	^	^	^	^	0.0	^	^	^
Concordia	272.0	^	^	^	^	^	^	^	^	^	0.0
De Soto	363.9	113.7	61.1	^	^	^	^	^	^	^	^
East Baton Rouge	421.2	134.7	58.5	47.8	18.8	19.2	11.5	17.4	11.2	6.9	10.4
East Carroll	442.6	^	^	^	^	^	^	0.0	^	^	^
East Feliciana	400.3	122.3	^	^	^	^	^	^	^	0.0	^
Evangeline	395.2	110.9	^	^	^	^	^	^	^	^	0.0
Franklin	392.0	135.7	^	^	^	0.0	0.0	^	0.0	^	^
Grant	377.5	^	^	^	^	0.0	0.0	^	^	0.0	^
Iberia	423.5	154.7	61.9	46.2	^	^	^	^	^	^	^
Iberville	418.9	151.1	^	50.0	^	^	^	^	^	^	^
Jackson	483.9	^	^	^	^	^	^	^	^	^	^
Jefferson	416.3	123.4	56.1	54.2	15.2	14.2	15.3	14.9	10.9	^	17.3
Jefferson Davis	380.4	^	^	^	^	0.0	^	^	0.0	^	^
Lafayette	402.2	115.4	55.0	56.7	19.0	^	^	^	^	^	^
Lafourche	423.0	126.5	^	^	^	^	^	^	0.0	^	^
La Salle	573.6	^	0.0	^	0.0	^	0.0	0.0	^	0.0	^
Lincoln	476.4	182.3	65.5	66.3	^	^	^	^	^	^	^

Table D4. Ten Most Commonly Diagnosed Cancers, 2003-2007: Black Females (2)

	All Sites	Breast	Colon & Rectum	Lung	Uterus & Corpus	Pancreas	Cervix	Kidney	Non-Hodgkin Lymphoma	Stomach	Multiple Myeloma
Livingston	413.5	^	^	^	^	^	^	^	0.0	^	0.0
Madison	387.3	122.9	^	^	^	^	^	^	^	^	^
Morehouse	347.1	78.8	81.6	^	^	^	^	^	^	^	^
Natchitoches	391.8	127.4	66.4	^	^	^	^	^	^	^	^
Orleans	390.2	118.8	47.2	53.8	19.6	13.8	10.4	9.1	11.4	11.5	7.6
Ouachita	423.2	136.9	56.1	46.0	26.2	^	^	^	^	^	^
Plaquemines	430.8	^	^	^	^	^	0.0	^	0.0	^	^
Pointe Coupee	345.3	154.3	^	^	^	^	^	^	0.0	^	^
Rapides	475.2	127.2	72.2	76.8	^	^	^	^	^	^	22.0
Red River	343.7	^	^	^	^	^	^	^	0.0	^	0.0
Richland	475.9	142.1	^	^	^	^	^	^	^	^	^
Sabine	543.7	209.9	^	^	^	^	0.0	0.0	^	0.0	^
St. Bernard	543.5	^	^	^	^	0.0	0.0	^	^	^	0.0
St. Charles	368.4	109.7	^	^	^	^	^	^	^	^	0.0
St. Helena	302.0	^	^	^	^	0.0	^	^	^	^	0.0
St. James	384.1	106.2	^	^	^	^	^	^	^	^	^
St. John the Baptist	432.4	117.0	53.4	74.7	^	^	^	^	^	^	^
St. Landry	423.5	127.3	55.4	65.6	19.6	^	^	^	^	^	^
St. Martin	343.1	117.4	62.1	^	^	^	^	^	^	^	^
St. Mary	385.5	85.3	^	48.0	^	^	^	^	^	^	^
St. Tammany	387.0	115.2	45.4	48.4	^	^	^	^	^	^	^
Tangipahoa	409.8	123.2	47.4	60.5	^	^	^	^	^	^	^
Tensas	407.4	^	^	^	^	^	^	0.0	^	^	^
Terrebonne	392.5	103.9	^	56.1	^	^	^	^	^	^	^
Union	291.1	^	^	^	0.0	^	^	^	0.0	^	0.0
Vermilion	381.5	132.6	^	^	^	^	^	^	^	^	^
Vernon	448.0	^	^	^	^	0.0	^	0.0	^	0.0	0.0
Washington	486.0	104.3	86.4	57.7	^	^	^	^	^	^	^
Webster	428.8	111.8	76.7	57.9	^	^	^	^	^	^	^
West Baton Rouge	423.3	109.1	^	^	^	^	^	^	^	^	^
West Carroll	446.7	^	^	0.0	^	0.0	^	^	^	0.0	0.0
West Feliciana	406.8	^	^	^	^	0.0	^	^	0.0	^	^
Winn	500.1	170.4	^	^	^	0.0	^	^	^	0.0	^

1. Rates per 100,000 person years, age adjusted to the U.S. 2000 standard. See "Calculation of 2005 rates" in Introduction.

^ Rates are not generated for cells with fewer than 16 cases in five years.

Table E1. Ten Most Commonly Diagnosed Cancers, 2003-2007: White Males
Average Annual Incidence Rates¹ by Louisiana Tumor Registry Region²

Primary Site	U.S. ³	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region
Invasive Cancers										
All Sites Combined	541.5	587.7 ↑	539.1 *	601.8	572.7	594.4	622.1 #	634.4	575.5	598.3
Prostate	150.4	155.9 ↑	121.0 *	181.7	139.0 *	158.9	177.7 #	183.5 *	143.7	153.0
Lung and Bronchus	76.4	103.1 ↑	92.0 *	94.3	103.0	105.4	114.5 #	112.9 #	114.3	111.1
Colon and Rectum	55.4	64.2 ↑	57.8 *	66.7	64.1	69.4	58.2	65.8	69.9	63.8
Urinary bladder (incl in situ)	40.4	40.0	39.1	41.5	43.5	40.4	32.5 *	42.4	35.9	38.5
Non-Hodgkin lymphoma	24.6	25.4	23.8	23.7	28.1	25.1	31.1 #	25.0 *	20.0	28.9
Kidney and renal pelvis	19.7	24.6 ↑	24.4	24.8	26.0	24.3	26.1	24.8	24.8	20.1
Melanoma of the skin	29.7	22.8 ↓	22.0	25.2	21.3	19.3	20.1	27.6 *	16.9	30.1
Oral cavity and Pharynx	15.8	19.1 ↑	19.7	18.2	18.1	17.3	18.2	21.7	19.5	22.7
Leukemia	16.6	16.6	13.4 *	14.9	17.7	16.1	19.3	18.9	21.3	16.1
Pancreas	13.2	13.6	14.8	14.4	10.7 *	14.9	11.3	12.6	15.7	14.8

1. Rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

2. See Table 1 (Introduction) for a list of parishes in LTR regions.

3. U.S incidence rate estimates are from the Surveillance, Epidemiology and end Results (SEER) Program of the National Cancer Institute, 17 regions. For a list of the 17 regions, see: <http://seer.cancer.gov/registries/list.html>.

↑ or ↓ The Louisiana rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

↑ or ↓ The rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

Table E2. Ten Most Commonly Diagnosed Cancers, 2003-2007: White Females
Average Annual Incidence Rates¹ by Louisiana Tumor Registry Region²

Primary Site	U.S. ³	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region
Invasive Cancers										
All Sites	419.6	405.9 ↓	391.8 *	409.5	405.8	421.4 #	416.6	384.3 *	403.9	415.7
Breast	126.5	118.3 ↓	120.8	126.0 #	120.2	120.6	113.6	98.3 *	112.1	116.4
Lung and Bronchus	54.7	61.8 ↑	57.5	58.1	58.7	68.2 #	65.3	60.6	64.7	66.8
Colon and rectum	40.9	42.9 ↑	38.8 *	46.8 #	39.8	44.6	44.6	45.3	43.0	42.8
Non-Hodgkin lymphoma	17.2	18.4 ↑	17.7	19.6	20.7	18.3	16.9	17.9	18.1	15.1
Uterus	24.4	16.9 ↓	17.2	14.5 *	14.3 *	17.7	18.2	17.8	19.8	20.0
Kidney	10.2	13.8 ↑	13.5	14.3	15.5	14.4	15.2	12.2	11.5	13.4
Thyroid	16.0	13.7 ↓	11.7	9.6 *	14.7	17.7 #	14.7	13.9	12.6	18.9 #
Melanoma of the Skin	19.1	13.1 ↓	11.3	15.7 #	11.4	10.9	16.4	9.7 *	12.9	20.6 #
Ovary	13.5	11.9 ↓	13.0	12.6	12.5	10.1	10.9	10.6	13.5	9.9
Pancreas	10.3	10.6	8.3 *	11.0	11.2	14.3 #	12.0	12.3	8.6	8.7

1. Rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

2. See Table 1 (Introduction) for a list of parishes in LTR regions.

3. U.S. incidence rate estimates are from the Surveillance, Epidemiology and end Results (SEER) Program of the National Cancer Institute, 17 regions. For a list of the 17 regions, see: <http://seer.cancer.gov registries/list.html>.

↑ or ↓ The Louisiana rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

Table E3. Ten Most Commonly Diagnosed Cancers, 2003-2007: Black Males
Average Annual Incidence Rates¹ by Louisiana Tumor Registry Region²

Primary Site	U.S. ³	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region
Invasive Cancers										
All Sites	624.0	686.5 ↑	635.3 *	728.5 #	705.9	676.5	652.6	680.0	734.1 #	688.3
Prostate	234.6	239.8	192.5 *	287.2 #	238.6	211.3 *	241.4	262.6	267.0 #	250.8
Lung and Bronchus	101.3	125.9 ↑	120.7	127.6	135.0	131.6	119.6	122.1	128.3	126.7
Colon and Rectum	68.1	77.4 ↑	76.3	76.0	75.8	82.9	61.3	69.9	84.1	79.9
Kidney and Renal Pelvis	21.8	22.8	25.0	24.4	23.9	20.8	17.3	20.2	21.4	22.2
Stomach	16.8	20.7 ↑	21.2	19.6	25.6	17.0	21.9	16.9	24.4	17.8
Oral Cavity	16.2	20.4 ↑	20.2	21.5	17.9	19.7	22.0	18.1	24.1	16.4
Urinary Bladder (incl in situ)	20.7	20.4	23.9	18.9	20.0	25.0	22.2	23.5	15.7	14.7
Non-Hodgkin lymphoma	17.8	17.5	20.4	16.8	20.1	16.2	18.8	^	16.4	15.5
Pancreas	16.7	17.4	14.1	15.4	18.2	20.0	19.6	19.6	20.6	19.1
Myeloma	14.3	16.5 ↑	13.1	19.4	17.9	14.7	^	19.0	16.9	21.1

1. Rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

2. See Table 1 (Introduction) for a list of parishes in LTR regions.

3. U.S incidence rate estimates are from the Surveillance, Epidemiology and end Results (SEER) Program of the National Cancer Institute, 17 regions. For a list of the 17 regions, see: <http://seer.cancer.gov/registries/list.html>.

↑ or ↓ The Louisiana rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

↑ or ↓ The rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

^ Rates are not calculated if fewer than 16 cases were diagnosed during the five-year period.

Table E4. Ten Most Commonly Diagnosed Cancers, 2003-2007: Black Females
Average Annual Incidence Rates¹ by Louisiana Tumor Registry Region²

Primary Site	U.S. ³	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region
Invasive Cancers										
All Sites	399.1	403.6	395.9	410.9	409.0	405.5	401.8	425.3	395.9	415.4
Breast	118.3	121.8	120.6	134.3 #	114.6	122.1	111.2	106.5	120.1	126.3
Colon and Rectum	52.6	55.4	49.1	57.7	49.9	54.5	60.2	60.2	61.5	60.5
Lung and Bronchus	54.9	52.1	54.2 *	47.4	56.4	55.4	69.3 #	71.0 #	41.6 *	47.6
Uterus	20.6	19.0	18.5	18.7	21.0	18.1	12.8	15.1	21.1	23.8
Pancreas	14.4	15.0	13.7	17.8	18.2	16.1	17.0	12.7	12.2	14.9
Cervix	10.1	12.8 ↑	11.5	11.9	14.2	10.0	19.9 #	13.1	14.0	15.1
Kidney	10.7	12.5 ↑	10.8	14.3	10.9	15.5	14.6	13.3	12.2	10.7
Non-Hodgkin lymphoma	12.3	11.5	11.5	10.3	10.4	13.5	^	13.8	12.0	10.4
Stomach	8.6	10.6 ↑	11.2	7.3 *	14.0	12.1	^	^	11.2	12.2
Myeloma	10.0	10.5	9.7	11.2	12.4	9.7	^	17.9 #	10.2	8.6

1. Rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard.

2. See Table 1 (Introduction) for a list of parishes in LTR regions.

3. U.S incidence rate estimates are from the Surveillance, Epidemiology and end Results (SEER) Program of the National Cancer Institute, 17 regions. For a list of the 17 regions, see: <http://seer.cancer.gov/registries/list.html>.

↑ or ↓ The Louisiana rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

^ Rates are not calculated if fewer than 16 cases were diagnosed during the five-year period.

Table F1. Ten Most Commonly Diagnosed Cancers, 2003-2007: White Males
Average Annual Incidence Rates¹ by Louisiana Office of Public Health Regions²

Primary Site	U.S. ³	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region	North-lake Region
All Sites Combined	541.5	587.7 ↑	539.0 *	596.9	557.6 *	596.5	622.1 #	634.4	575.5	598.3	603.0
Prostate	150.4	155.9 ↑	120.5 *	194.8 #	139.9 *	159.9	177.7 #	183.5 *	143.7	153.0	148.3
Lung and Bronchus	76.4	103.1 ↑	93.0 *	84.9 *	98.5	105.7	114.5 #	112.9 #	114.3	111.1	110.0
Colon and Rectum	55.4	64.2 ↑	57.6 *	62.3	64.3	68.5	58.2	65.8	69.9	63.8	71.2 #
Urinary bladder (incl in situ)	40.4	40.0	39.9	42.0	40.8	41.4	32.5 *	42.4	35.9	38.5	41.8
Non-Hodgkin lymphoma	24.6	25.4	23.4	21.4 *	27.4	24.8	31.1 #	25.0 *	20.0	28.9	29.7 #
Kidney and renal pelvis	19.7	24.6 ↑	24.2	25.2	25.6	24.7	26.1	24.8	24.8	20.1	25.2
Melanoma of the skin	29.7	22.8 ↓	21.9	27.9 #	13.6 *	19.6	20.1	27.6 *	16.9	30.1	25.6
Oral cavity and Pharynx	15.8	19.1 ↑	19.7	18.4	17.9	17.7	18.2	21.7	19.5	22.7	17.6
Leukemia	16.6	16.6	13.2 *	15.3	15.2	16.4	19.3	18.9	21.3	16.1	17.6
Pancreas	13.2	13.6	14.8	14.7	11.5	14.9	11.3	12.6	15.7	14.8	11.7

1. Rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

2. For lists of the parishes in each OPH region, go to: <http://www.dhh.louisiana.gov/offices/?ID=223>

3. U.S incidence rate estimates are from the Surveillance, Epidemiology and end Results (SEER) Program of the National Cancer Institute, 17 regions. For a list of the 17 regions, see: <http://seer.cancer.gov/registries/list.html>.

↑ or ↓ The state rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

Table F2. Ten Most Commonly Diagnosed Cancers, 2003-2007: White Females
Average Annual Incidence Rates¹ by Louisiana Office of Public Health Regions²

Primary Site	U.S. ³	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region	North-lake Region
All Sites	419.6	405.9 ↓	392.8 *	408.2	376.1 *	421.8 #	416.6	384.3 *	403.9	415.7	430.7 #
Breast	126.5	118.3 ↓	121.2	129.4 #	108.8 *	122.0	113.6	98.3 *	112.1	116.4	126.0 #
Lung and Bronchus	54.7	61.8 ↑	57.5	57.4	53.6 *	68.4 #	65.3	60.6	64.7	66.8	63.3
Colon and rectum	40.9	42.9 ↑	39.0 *	46.4	38.7	44.1	44.6	45.3	43.0	42.8	45.2
Non-Hodgkin lymphoma	17.2	18.4 ↑	17.8	18.4	20.8	17.7	16.9	17.9	18.1	15.1	21.6 #
Uterus	24.4	16.9 ↓	17.5	14.1	13.5	18.0	18.2	17.8	19.8	20.0	14.8
Kidney	10.2	13.8 ↑	13.5	14.3	15.4	14.4	15.2	12.2	11.5	13.4	15.0
Thyroid	16.0	13.7 ↓	11.8	9.4	12.4	17.7 #	14.7	13.9	12.6	18.9 #	14.4
Melanoma of the Skin	19.1	13.1 ↓	11.1	15.8	9.0 *	10.7	16.4	9.7 *	12.9	20.6 #	15.5
Ovary	13.5	11.9 ↓	12.7	12.7	11.2	10.2	10.9	10.6	13.5	9.9	13.4
Pancreas	10.3	10.6	8.3 *	11.7	12.6	14.1 #	12.0	12.3	8.6	8.7	9.9

1. Rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

2. For lists of the parishes in each OPH region, go to: <http://www.dhh.louisiana.gov/offices/?ID=223>

3. U.S incidence rate estimates are from the Surveillance, Epidemiology and end Results (SEER) Program of the National Cancer Institute, 17 regions. For a list of the 17 regions, see: <http://seer.cancer.gov/registries/list.html>.

↑ or ↓ The state rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

Table F3. Ten Most Commonly Diagnosed Cancers, 2003-2007: Black Males
Average Annual Incidence Rates¹ by Louisiana Office of Public Health Regions²

Primary Site	U.S. ³	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region	North-lake Region
All Sites	624.0	686.5 ↑	636.0 *	741.1 #	687.8	675.2	652.6	680.0	734.1 #	688.3	704.3
Prostate	234.6	239.8	192.9 *	295.3 #	222.4	208.0 *	241.4	262.6	267.0 #	250.8	266.4
Lung and Bronchus	101.3	125.9 ↑	120.6	130.9	131.5	133.0	119.6	122.1	128.3	126.7	124.3
Colon and Rectum	68.1	77.4 ↑	76.3	78.8	82.2	83.2	61.3	69.9	84.1	79.9	60.8
Kidney and Renal Pelvis	21.8	22.8	25.3	25.2	21.4	21.2	17.3	20.2	21.4	22.2	21.7
Stomach	16.8	20.7 ↑	21.9	17.7	30.7 #	14.2 *	21.9	16.9	24.4	17.8	21.7
Oral Cavity	16.2	20.4 ↑	20.2	20.0	20.1	20.2	22.0	18.1	24.1	16.4	21.0
Urinary Bladder (incl in situ)	20.7	20.4	24.1	20.1	^	24.7	22.2	23.5	15.7	14.7	18.3
Non-Hodgkin lymphoma	17.8	17.5	20.3	16.4	^	16.0	18.8	^	16.4	15.5	27.6 #
Pancreas	16.7	17.4	14.1	15.8	^	21.2	19.6	19.6	20.6	19.1	16.3
Myeloma	14.3	16.5 ↑	12.9	19.9	^	15.2	^	19.0	16.9	21.1	26.2 #

1. Rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

2. For lists of the parishes in each OPH region, go to: <http://www.dhh.louisiana.gov/offices/?ID=223>

3. U.S incidence rate estimates are from the Surveillance, Epidemiology and end Results (SEER) Program of the National Cancer Institute, 17 regions. For a list of the 17 regions, see: <http://seer.cancer.gov/registries/list.html>.

↑ or ↓ The state rate is significantly higher or lower (p < 0.05) than the U.S. rate.

* The regional rate is significantly lower (p < 0.05) than the Louisiana rate.

The regional rate is significantly higher (p < 0.05) than the Louisiana rate.

^ Rates are not calculated if fewer than 16 cases are diagnosed during the five-year period.

Table F4. Ten Most Commonly Diagnosed Cancers, 2003-2007: Black Females
Average Annual Incidence Rates¹ by Louisiana Office of Public Health Regions²

Primary Site	U.S. ³	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region	North-lake Region
Invasive Cancers											
All Sites	399.1	403.6	396.2	413.6	397.1	408.1	401.8	425.3	395.9	415.4	409.4
Breast	118.3	121.8	120.8	137.1 #	110.3	126.3	111.2	106.5	120.1	126.3	114.3
Colon and Rectum	52.6	55.4	48.7	59.4	42.4 *	58.9	60.2	60.2	61.5	60.5	52.9
Lung and Bronchus	54.9	52.1	54.4	45.0	54.7	56.3	69.3 #	71.0 #	41.6 *	47.6	55.7
Uterus	20.6	19.0	18.5	19.5	19.6	18.3	12.8	15.1	21.1	23.8	18.4
Pancreas	14.4	15.0	13.7	18.2	19.8	15.7	17.0	12.7	12.2	14.9	16.4
Cervix	10.1	12.8 ↑	11.3	11.2	11.5	10.2	19.9 #	13.1	14.0	15.1	17.6
Kidney	10.7	12.5 ↑	10.9	14.4	11.7	15.3	14.6	13.3	12.2	10.7	12.5
Non-Hodgkin lymphoma	12.3	11.5	11.3	10.0	8.0	13.2	^	13.8	12.0	10.4	16.4
Stomach	8.6	10.6 ↑	11.2	6.7 *	16.4 #	11.9	^	^	11.2	12.2	8.8
Myeloma	10.0	10.5	9.8	11.9	9.3	8.9	^	17.9 #	10.2	8.6	13.9

1. Rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

2. For lists of the parishes in each OPH region, go to: <http://www.dhh.louisiana.gov/offices/?ID=223>

3. U.S incidence rate estimates are from the Surveillance, Epidemiology and end Results (SEER) Program of the National Cancer Institute, 17 regions. For a list of the 17 regions, see: <http://seer.cancer.gov/registries/list.html>.

↑ or ↓ The state rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

^ Rates are not calculated if fewer than 16 cases are diagnosed during the five-year period.

Table G1. Average Annual Number of Cancer Deaths, 2003-2007, Louisiana

Primary Site	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites Combined-----	9,161	4,905	4,255	6,376	3,408	2,968	2,729	1,467	1,262
Oral Cavity and Pharynx-----	145	107	38	93	66	27	51	41	11
Lip-----	1	1	^	1	1	^	0	0	0
Tongue-----	25	17	8	19	12	7	6	5	1
Salivary Gland-----	9	6	3	7	5	2	2	1	1
Floor of Mouth-----	^	^	^	^	^	^	0	0	0
Gum and Other Mouth-----	21	13	8	12	8	5	8	5	3
Nasopharynx-----	9	5	4	6	3	3	3	2	1
Tonsil-----	10	8	2	7	6	1	3	3	^
Oropharynx-----	13	11	2	7	6	2	6	5	^
Hypopharynx-----	4	3	1	2	1	^	2	2	^
Other-----	54	43	11	32	25	7	22	18	4
Digestive System-----	2,216	1,248	967	1,470	839	632	727	399	328
Esophagus-----	194	155	39	134	109	26	59	46	13
Stomach-----	212	131	81	110	70	40	98	59	39
Small Intestine-----	14	7	7	11	5	5	4	2	2
Colon and Rectum-----	902	475	428	606	328	278	291	143	148
Colon-----	769	400	370	513	276	237	252	122	131
Rectum and Rectosigmoid Junction---	133	75	58	93	52	41	38	21	17
Anus, Anal Canal and Anorectum-----	6	3	4	4	2	3	2	1	1
Liver and Intrahepatic Bile Duct-----	299	199	100	196	127	68	97	68	29
Liver-----	269	186	83	174	118	56	89	64	25
Intrahepatic Bile Duct-----	30	13	16	22	10	12	8	4	4
Gallbladder-----	27	9	17	18	6	13	8	3	5
Other Biliary Tract-----	17	8	9	13	7	6	4	1	3
Pancreas-----	520	250	269	359	177	182	158	72	^
Retroperitoneum-----	2	1	1	2	1	1	^	0	^
Peritoneum, Omentum and Mesentery-	9	2	7	8	2	6	1	^	1
Other-----	13	8	5	8	4	4	5	4	1
Respiratory System-----	2,870	1,728	1,143	2,085	1,212	873	771	506	265
Nose, Nasal Cavity and Middle Ear-----	4	2	1	3	2	1	1	^	^
Larynx-----	79	62	17	48	36	12	31	26	5
Lung and Bronchus-----	2,780	1,658	1,122	2,028	1,170	858	738	479	259
Pleura-----	3	2	^	3	2	^	^	^	0
Trachea and Other-----	5	3	1	3	2	1	1	1	^
Bones and Joints-----	30	17	13	20	11	9	10	5	4
Soft Tissue (Incl. heart)-----	48	26	23	34	18	16	14	7	7
Skin (Excl. basal and squamous)-----	119	82	38	109	75	34	10	7	4
Melanoma of the Skin-----	91	60	31	86	57	28	5	3	2
Other Non-Epithelial Skin-----	28	21	7	23	18	6	5	4	1

Breast-----	692	8	683	437	5	431	250	3	247
Female Genital System-----	394	--	394	255	--	255	136	--	136
Cervix Uteri-----	74	--	74	35	--	35	38	--	38
Corpus and Uterus, NOS-----	92	--	92	49	--	49	43	--	43
Corpus Uteri-----	36	--	36	19	--	19	17	--	17
Uterus, NOS-----	56	--	56	30	--	30	26	--	26
Ovary-----	208	--	208	156	--	156	51	--	51
Vagina-----	6	--	6	4	--	4	2	--	2
Vulva-----	9	--	9	7	--	7	2	--	2
Other-----	5	--	5	4	--	4	1	--	1
Male Genital System-----	461	461	--	268	268	--	190	190	--
Prostate-----	454	454	--	262	262	--	189	189	--
Testis-----	5	5	--	4	4	--	1	1	--
Penis-----	2	2	--	2	2	--	^	^	--
Urinary System-----	414	260	153	316	204	112	97	56	41
Urinary Bladder (Incl. In Situ)-----	173	114	58	138	95	43	34	19	15
Kidney and Renal Pelvis-----	231	141	90	171	105	66	59	35	24
Ureter-----	4	3	1	3	2	1	1	^	^
Other-----	6	3	4	4	2	2	3	1	2
Eye and Orbit-----	2	1	1	2	1	1	^	^	0
Brain and Nervous System-----	204	117	87	165	94	71	38	22	16
Endocrine System-----	36	13	23	25	11	15	10	2	8
Thyroid-----	21	7	14	16	7	10	5	^	4
Thymus and Other Endocrine-----	15	5	9	9	4	5	5	1	4
Lymphoma-----	336	179	157	272	147	125	62	31	31
Hodgkin Lymphoma-----	23	12	11	18	10	9	4	2	2
Non-Hodgkin Lymphoma-----	313	167	146	254	137	117	58	29	29
Multiple Myeloma-----	175	93	82	96	51	45	78	41	37
Leukemia-----	305	171	135	233	131	103	70	39	31
Lymphocytic-----	78	46	32	57	33	25	20	13	7
Acute Lymphocytic-----	15	7	7	10	5	5	5	3	2
Chronic Lymphocytic-----	55	33	21	42	25	17	13	8	5
Other-----	8	5	4	6	3	3	3	2	1
Myeloid and Monocytic Leukemia-----	128	71	57	101	56	44	27	15	12
Acute Myeloid Leukemia-----	105	59	46	83	47	^	21	12	9
Acute Monocytic Leukemia-----	1	^	1	1	^	^	0	0	0
Chronic Myeloid Leukemia-----	14	7	7	9	5	4	4	2	2
Other Myeloid/Monocytic Leukemia-----	9	5	4	7	4	3	1	1	^
Other Leukemia-----	99	54	45	75	42	34	23	12	12
Other Acute Leukemia-----	21	10	11	17	8	9	4	2	2
Aleukemic, Subleukemic and NOS-----	78	44	34	58	34	25	19	10	9
Ill-Defined and Unknown Sites-----	713	396	317	495	276	219	213	117	96

-- Not applicable.

^ Counts are not presented for cells smaller than 4 for the five-year period..

Table G2. Percent Distribution of Cancer Deaths by Site, Race, and Sex, 2003-2007, Louisiana

Primary Site	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites Combined-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Oral Cavity and Pharynx-----	1.6	2.2	0.9	1.5	1.9	0.9	1.9	2.8	0.9
Lip-----	0.0	0.0	^	0.0	0.0	^	0.0	0.0	0.0
Tongue-----	0.3	0.3	0.2	0.3	0.4	0.2	0.2	0.3	0.1
Salivary Gland-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Floor of Mouth-----	^	^	^	^	^	^	0.0	0.0	0.0
Gum and Other Mouth-----	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.2
Nasopharynx-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Tonsil-----	0.1	0.2	0.0	0.1	0.2	0.0	0.1	0.2	^
Oropharynx-----	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.4	^
Hypopharynx-----	0.0	0.1	0.0	0.0	0.0	^	0.1	0.1	^
Other-----	0.6	0.9	0.3	0.5	0.7	0.2	0.8	1.2	0.3
Digestive System-----	24.2	25.4	22.7	23.1	24.6	21.3	26.6	27.2	26.0
Esophagus-----	2.1	3.2	0.9	2.1	3.2	0.9	2.2	3.1	1.0
Stomach-----	2.3	2.7	1.9	1.7	2.0	1.4	3.6	4.0	3.1
Small Intestine-----	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Colon and Rectum-----	9.9	9.7	10.1	9.5	9.6	9.4	10.6	9.7	11.7
Colon-----	8.4	8.1	8.7	8.0	8.1	8.0	9.2	8.3	10.4
Rectum and Rectosigmoid Junction----	1.5	1.5	1.4	1.5	1.5	1.4	1.4	1.5	1.3
Anus, Anal Canal and Anorectum-----	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1
Liver and Intrahepatic Bile Duct-----	3.3	4.1	2.3	3.1	3.7	2.3	3.6	4.6	2.3
Liver-----	2.9	3.8	2.0	2.7	3.5	1.9	3.3	4.4	2.0
Intrahepatic Bile Duct-----	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.2	0.3
Gallbladder-----	0.3	0.2	0.4	0.3	0.2	0.4	0.3	0.2	0.4
Other Biliary Tract-----	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2
Pancreas-----	5.7	5.1	6.3	5.6	5.2	6.1	5.8	4.9	6.8
Retroperitoneum-----	0.0	0.0	0.0	0.0	0.0	0.0	^	0.0	^
Peritoneum, Omentum and Mesentery-----	0.1	0.0	0.2	0.1	0.1	0.2	0.1	^	0.1
Other-----	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1
Respiratory System-----	31.3	35.2	26.9	32.7	35.6	29.4	28.3	34.5	21.0
Nose, Nasal Cavity and Middle Ear-----	0.0	0.0	0.0	0.0	0.1	0.0	0.0	^	^
Larynx-----	0.9	1.3	0.4	0.7	1.0	0.4	1.1	1.7	0.4
Lung and Bronchus-----	30.3	33.8	26.4	31.8	34.3	28.9	27.0	32.6	20.5
Pleura-----	0.0	0.0	^	0.0	0.1	^	^	^	0.0
Trachea and Other-----	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	^
Bones and Joints-----	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
Soft Tissue (Incl. heart)-----	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Skin (Excl. basal and squamous)-----	1.3	1.7	0.9	1.7	2.2	1.1	0.4	0.5	0.3
Melanoma of the Skin-----	1.0	1.2	0.7	1.3	1.7	1.0	0.2	0.2	0.2
Other Non-Epithelial Skin-----	0.3	0.4	0.2	0.4	0.5	0.2	0.2	0.2	0.1

Breast-----	7.5	0.2	16.1	6.8	0.2	14.5	9.2	0.2	19.6
Female Genital System-----	4.3	--	9.3	4.0	--	8.6	5.0	--	10.8
Cervix Uteri-----	0.8	--	1.7	0.6	--	1.2	1.4	--	3.0
Corpus and Uterus, NOS-----	1.0	--	2.2	0.8	--	1.7	1.6	--	3.4
Corpus Uteri-----	0.4	--	0.9	0.3	--	0.6	0.6	--	1.3
Uterus, NOS-----	0.6	--	1.3	0.5	--	1.0	0.9	--	2.0
Ovary-----	2.3	--	4.9	2.5	--	5.3	1.9	--	4.0
Vagina-----	0.1	--	0.1	0.1	--	0.1	0.1	--	0.2
Vulva-----	0.1	--	0.2	0.1	--	0.2	0.1	--	0.1
Other-----	0.1	--	0.1	0.1	--	0.1	0.1	--	0.1
Male Genital System-----	5.0	9.4	--	4.2	7.9	--	7.0	13.0	--
Prostate-----	5.0	9.3	--	4.1	7.7	--	6.9	12.9	--
Testis-----	0.1	0.1	--	0.1	0.1	--	0.0	0.1	--
Penis-----	0.0	0.0	--	0.0	0.0	--	^	^	--
Other-----	^	^	--	^	^	--	^	^	--
Urinary System-----	4.5	5.3	3.6	5.0	6.0	3.8	3.5	3.8	3.2
Urinary Bladder (Incl. In Situ)-----	1.9	2.3	1.4	2.2	2.8	1.4	1.3	1.3	1.2
Kidney and Renal Pelvis-----	2.5	2.9	2.1	2.7	3.1	2.2	2.1	2.4	1.9
Ureter-----	0.0	0.1	0.0	0.0	0.1	0.0	0.0	^	^
Other-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Eye and Orbit-----	0.0	0.0	0.0	0.0	0.0	0.0	^	^	0.0
Brain and Nervous System-----	2.2	2.4	2.1	2.6	2.8	2.4	1.4	1.5	1.3
Endocrine System-----	0.4	0.3	0.5	0.4	0.3	0.5	0.4	0.1	0.7
Thyroid-----	0.2	0.1	0.3	0.3	0.2	0.3	0.2	^	0.3
Thymus and Other Endocrine-----	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.3
Lymphoma-----	3.7	3.6	3.7	4.3	4.3	4.2	2.3	2.1	2.5
Hodgkin Lymphoma-----	0.2	0.2	0.3	0.3	0.3	0.3	0.1	0.1	0.2
Non-Hodgkin lymphoma-----	3.4	3.4	3.4	4.0	4.0	3.9	2.1	2.0	2.3
Multiple Myeloma-----	1.9	1.9	1.9	1.5	1.5	1.5	2.9	2.8	2.9
Leukemia-----	3.3	3.5	3.2	3.7	3.8	3.5	2.6	2.7	2.4
Lymphocytic-----	0.8	0.9	0.8	0.9	1.0	0.8	0.7	0.9	0.6
Acute Lymphocytic-----	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2
Chronic Lymphocytic-----	0.6	0.7	0.5	0.7	0.7	0.6	0.5	0.6	0.4
Other-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Myeloid and Monocytic Leukemia-----	1.4	1.5	1.3	1.6	1.6	1.5	1.0	1.0	0.9
Acute Myeloid Leukemia-----	1.1	1.2	1.1	1.3	1.4	1.2	0.8	0.8	0.7
Acute Monocytic Leukemia-----	0.0	^	0.0	0.0	^	^	0.0	0.0	0.0
Chronic Myeloid Leukemia-----	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2
Other Myeloid/Monocytic Leukemia--	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	^
Other Leukemia-----	1.1	1.1	1.1	1.2	1.2	1.1	0.9	0.8	0.9
Other Acute Leukemia-----	0.2	0.2	0.3	0.3	0.2	0.3	0.1	0.1	0.2
Aleukemic, Subleukemic and NOS-----	0.9	0.9	0.8	0.9	1.0	0.8	0.7	0.7	0.7
Ill-Defined and Unknown Sites-----	7.8	8.1	7.4	7.8	8.1	7.4	7.8	8.0	7.6

-- Not applicable.

^ Counts are not presented for cells smaller than 5 for the five-year period..

Table H. Average Annual Cancer Mortality Rates,¹ 2003-2007, Louisiana

Primary Site	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites Combined-----	211.5	270.7	171.5	197.9	249.6	162.4	257.5	350.0	199.7
Oral Cavity and Pharynx-----	3.3	5.4	1.5	2.9	4.5	1.5	4.5	8.4	1.6
Lip-----	^	^	^	^	^	^	0.0	0.0	0.0
Tongue-----	0.6	0.9	0.3	0.6	0.9	0.4	0.5	0.9	^
Salivary Gland-----	0.2	0.3	^	0.2	0.4	^	^	^	^
Floor of Mouth-----	^	^	^	^	^	^	0.0	0.0	0.0
Gum and Other Mouth-----	0.5	0.6	0.3	0.4	0.5	0.2	0.7	1.0	^
Nasopharynx-----	0.2	0.2	0.2	0.2	^	^	^	^	^
Tonsil-----	0.2	0.4	^	0.2	0.4	^	^	^	^
Oropharynx-----	0.3	0.5	^	0.2	0.4	^	0.5	1.0	^
Hypopharynx-----	0.1	^	^	^	^	^	^	^	^
Other-----	1.2	2.2	0.4	1.0	1.7	0.4	1.9	3.8	0.6
Digestive System-----	51.1	67.7	38.4	45.5	60.6	33.7	69.4	93.1	52.9
Esophagus-----	4.4	8.0	1.6	4.1	7.6	1.4	5.4	9.8	2.1
Stomach-----	4.9	7.2	3.2	3.4	5.0	2.1	9.6	14.6	6.4
Small Intestine-----	0.3	0.4	0.3	0.3	0.4	0.3	0.3	^	^
Colon and Rectum-----	20.9	26.3	16.9	18.7	24.2	14.7	28.1	34.8	23.8
Colon-----	17.8	22.4	14.6	15.9	20.5	12.5	24.5	29.9	21.1
Rectum and Rectosigmoid Junction---	3.1	4.0	2.3	2.9	3.7	2.2	3.6	4.9	2.7
Anus, Anal Canal and Anorectum-----	0.1	^	0.2	0.1	^	^	^	^	^
Liver and Intrahepatic Bile Duct-----	6.8	10.4	4.0	6.1	9.0	3.7	8.6	14.2	4.6
Liver-----	6.1	9.7	3.3	5.4	8.4	3.0	7.9	13.4	4.0
Intrahepatic Bile Duct-----	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.6
Gallbladder-----	0.6	0.5	0.7	0.6	0.4	0.7	0.8	0.8	0.7
Other Biliary Tract-----	0.4	0.5	0.4	0.4	0.5	0.3	0.4	^	^
Pancreas-----	12.0	13.6	10.7	11.1	12.8	9.8	15.4	17.0	14.1
Retroperitoneum-----	^	^	^	^	^	^	^	0.0	^
Peritoneum, Omentum and Mesentery-	0.2	^	0.3	0.3	^	0.4	^	^	^
Other-----	0.3	0.5	0.2	0.2	0.3	0.2	0.5	0.9	^
Respiratory System-----	66.1	93.4	46.4	64.5	86.9	48.1	72.3	117.3	42.3
Nose, Nasal Cavity and Middle Ear-----	0.1	^	^	^	^	^	^	^	^
Larynx-----	1.8	3.2	0.7	1.5	2.5	0.7	2.8	5.6	0.8
Lung and Bronchus-----	64.1	89.7	45.6	62.7	83.9	47.3	69.2	111.2	41.4
Pleura-----	^	^	^	^	^	^	^	^	0.0
Trachea and Other-----	0.1	0.2	^	0.1	^	^	^	^	^
Bones and Joints-----	0.7	0.9	0.6	0.6	0.8	0.5	0.8	1.1	0.6
Soft Tissue (Incl. heart)-----	1.1	1.3	0.9	1.1	1.3	0.9	1.2	1.4	1.0
Skin (Excl. basal and squamous)-----	2.8	4.5	1.5	3.4	5.5	1.8	1.0	1.6	0.6
Melanoma of the Skin-----	2.1	3.3	1.2	2.7	4.1	1.6	0.5	0.8	^
Other Non-Epithelial Skin-----	0.7	1.2	0.3	0.7	1.4	0.3	0.5	0.8	^

Breast-----	15.8	0.5	27.7	13.6	0.4	23.9	22.3	^	37.7
Female Genital System-----	9.1	--	16.1	8.0	--	14.3	12.8	--	21.5
Cervix Uteri-----	1.7	--	3.2	1.1	--	2.2	3.2	--	5.6
Corpus and Uterus, NOS-----	2.1	--	3.7	1.5	--	2.7	4.2	--	6.9
Corpus Uteri-----	0.8	--	1.5	0.6	--	1.1	1.7	--	2.8
Uterus, NOS-----	1.3	--	2.2	0.9	--	1.6	2.5	--	4.2
Ovary-----	4.8	--	8.5	4.9	--	8.7	4.9	--	8.2
Vagina-----	0.1	--	0.2	0.1	--	0.2	^	--	^
Vulva-----	0.2	--	0.4	0.2	--	0.4	^	--	^
Other-----	0.1	--	0.2	0.1	--	0.2	^	--	^
Male Genital System-----	10.9	29.2	--	8.4	22.2	--	20.0	55.2	--
Prostate-----	10.8	28.8	--	8.2	21.8	--	19.8	54.8	--
Testis-----	0.1	0.2	--	0.1	0.3	--	^	^	--
Penis-----	^	^	--	^	^	--	^	^	--
Other-----	^	^	--	^	^	--	^	^	--
Urinary System-----	9.6	14.6	6.1	9.8	15.1	5.9	9.3	13.2	6.7
Urinary Bladder (Incl. In Situ)-----	4.1	6.9	2.3	4.3	7.4	2.2	3.5	5.1	2.5
Kidney and Renal Pelvis-----	5.3	7.4	3.6	5.3	7.4	3.6	5.5	7.8	3.8
Ureter-----	0.1	^	^	^	^	^	^	^	^
Other-----	0.2	^	0.2	0.1	^	^	^	^	^
Eye and Orbit-----	^	^	^	^	^	^	^	^	0.0
Brain and Nervous System-----	4.7	6.0	3.6	5.2	6.6	4.1	3.2	4.4	2.3
Endocrine System-----	0.8	0.7	1.0	0.8	0.8	0.8	0.9	^	1.3
Thyroid-----	0.5	0.4	0.6	0.5	0.5	0.5	0.5	^	0.7
Thymus and Other Endocrine-----	0.3	0.3	0.4	0.3	0.3	0.3	0.4	^	0.6
Lymphoma-----	7.8	10.0	6.3	8.5	11.0	6.8	5.8	6.7	5.0
Hodgkin Lymphoma-----	0.5	0.6	0.5	0.6	0.7	0.5	0.3	^	^
Non-Hodgkin lymphoma-----	7.3	9.4	5.8	7.9	10.2	6.3	5.4	6.4	4.6
Multiple Myeloma-----	4.1	5.2	3.3	3.0	3.8	2.4	7.7	10.1	6.2
Leukemia-----	7.1	9.6	5.4	7.3	9.8	5.6	6.5	9.2	4.8
Lymphocytic-----	1.8	2.6	1.3	1.8	2.5	1.3	1.9	3.0	1.2
Acute Lymphocytic-----	0.3	0.4	0.3	0.3	0.3	0.3	0.4	^	^
Chronic Lymphocytic-----	1.3	1.9	0.8	1.3	1.9	0.9	1.3	2.1	0.8
Other-----	0.2	0.3	0.1	0.2	^	^	^	^	^
Myeloid and Monocytic Leukemia-----	3.0	3.9	2.3	3.2	4.1	2.5	2.4	3.3	1.7
Acute Myeloid Leukemia-----	2.4	3.2	1.9	2.6	3.4	2.1	1.9	2.7	1.3
Acute Monocytic Leukemia-----	^	^	^	^	^	^	0.0	0.0	0.0
Chronic Myeloid Leukemia-----	0.3	0.4	0.3	0.3	0.4	0.2	0.4	^	^
Other Myeloid/Monocytic Leukemia---	0.2	0.3	0.1	0.2	0.3	^	^	^	^
Other Leukemia-----	2.3	3.1	1.8	2.4	3.2	1.8	2.2	2.9	1.8
Other Acute Leukemia-----	0.5	0.6	0.4	0.5	0.6	0.5	0.4	^	^
Aleukemic, Subleukemic and NOS-----	1.8	2.6	1.4	1.8	2.6	1.3	1.9	2.5	1.5
Ill-Defined and Unknown Sites-----	16.4	21.7	12.7	15.3	20.3	11.8	19.9	27.1	15.1

1. Average annual rate per 100,000 person-years, age adjusted to the U.S. 2000 standard

^ Rates are not generated if fewer than 16 deaths occurred during these five years.

-- Not applicable

Table I. Average Annual Cancer Mortality Rates,¹ 2003-2007: U.S., Louisiana, Industrial Corridor²

Primary Site	White Males			White Females			Black Males			Black Females		
	U.S.	La.	Ind. Corr.	U.S.	La.	Ind. Corr.	U.S.	La.	Ind. Corr.	U.S.	La.	Ind. Corr.
All Sites Combined	222.5	249.6 ↑	223.3 *	155.0	162.4 ↑	150.3 *	296.5	350.0 ↑	345.4	180.6	199.7 ↑	201.0
Oral Cavity and Pharynx	3.7	4.5 ↑	3.3	1.4	1.5	1.8	6.3	8.4 ↑	6.0	1.5	1.6	1.8
Esophagus	7.9	7.6	7.2	1.6	1.4	0.7	8.9	9.8	11.1	2.5	2.1	1.8
Stomach	4.6	5.0	3.3 *	2.4	2.1	1.3	10.7	14.6 ↑	15.1	5.0	6.4 ↑	6.3
Colon & Rectum	20.6	24.2 ↑	19.4 *	14.4	14.7	13.3	30.5	34.8 ↑	32.4	21.0	23.8 ↑	19.5
Liver & Bile Duct	7.0	9.0 ↑	7.9	3.0	3.7 ↑	3.6	11.1	14.2 ↑	13.9	3.9	4.6	5.8
Pancreas	12.2	12.8	12.1	9.1	9.8 ↑	11.6	15.4	17.0	15.4	12.4	14.1 ↑	17.2
Larynx	2.0	2.5 ↑	1.5	0.4	0.7 ↑	0.4	4.6	5.6	3.4	0.7	0.8	^
Lung and Bronchus	68.3	83.9 ↑	72.4 *	41.6	47.3 ↑	40.7 *	87.5	111.2 ↑	111.8	39.6	41.4	38.8
Breast	--	--	--	23.4	23.9	21.8	--	--	--	32.4	37.7 ↑	40.1
Cervix Uteri	--	--	--	2.2	2.2	1.2	--	--	--	4.4	5.6 ↑	4.4
Uterus and Corpus	--	--	--	3.9	2.7 ↓	2.1	--	--	--	7.2	6.9	7.5
Ovary	--	--	--	8.9	8.7	8.2	--	--	--	7.2	8.2 ↑	8.8
Prostate	22.8	21.8	18.0 *	--	--	--	54.2	54.8	55.6	--	--	--
Urinary Bladder	7.9	7.4	6.8	2.2	2.2	2.1	5.4	5.1	3.8	2.7	2.5	3.9
Kidney and Renal Pelvis	6.0	7.4 ↑	5.9	2.7	3.6 ↑	3.3	6.0	7.8 ↑	6.4	2.7	3.8 ↑	4.6
Brain & Other Nervous System	5.6	6.6 ↑	6.4	3.8	4.1	4.2	3.1	4.4 ↑	4.3	2.0	2.3	4.2 #
Hodgkin Lymphoma	0.5	0.7 ↑	0.5	0.4	0.5	0.6	0.5	0.3	^	0.3	0.3	^
Non-Hodgkin Lymphoma	9.1	10.2 ↑	8.0	5.7	6.3 ↑	6.1	6.0	6.4	5.3	3.9	4.6	3.7
Multiple Myeloma	4.2	3.8	3.5	2.7	2.4	2.3	8.1	10.1 ↑	13.3	5.8	6.2	4.9
Leukemia	10.0	9.8	10.0	5.6	5.6	6.0	8.4	9.2	6.8	5.0	4.8	4.1

1. Rates per 100,000 person-years, age adjusted to the U.S. 2000 standard

2. The Industrial Corridor comprises Ascension, East Baton Rouge, Iberville, St. Charles, St. James, St. John the Baptist, and West Baton Rouge parishes.

-- Not applicable

^ Rates are not calculated if fewer than 16 deaths occur in the five-year period.

* The Industrial Corridor rate is significantly lower ($p \leq 0.05$) than the Louisiana rate.

The Industrial Corridor rate is significantly higher ($p \leq 0.05$) than the Louisiana rate.

↓ The Louisiana rate is significantly lower than the U.S. rate ($p \leq 0.05$).

↑ The Louisiana rate is significantly higher than the U.S. rate ($p \leq 0.05$).

	All Sites	Lung	Colon & Rectum	Prostate	Pancreas	Hon-Hodgkin Lymphoma	Leukemia	Liver	Esophagus	Kidney	Bladder
Livingston	258.3	103.5	31.9	12.5	8.8	8.5	^	7.8	^	^	^
Madison	254.6	^	^	^	^	^	^	0.0	^	^	^
Morehouse	273.7	96.1	^	^	^	^	^	^	^	^	^
Natchitoches	268.9	84.6	30.6	^	^	^	^	^	^	^	^
Orleans	225.0	55.5	20.2	21.7	10.5	10.0	8.4	12.2	9.5	6.7	8.2
Ouachita	246.0	88.1	18.2	18.7	13.0	8.5	10.8	8.8	7.7	7.4	6.7
Plaquemines	266.3	109.8	^	^	^	^	^	^	^	^	^
Pointe Coupee	252.7	85.1	^	^	^	^	^	^	^	^	^
Rapides	243.8	82.8	23.0	21.8	15.8	^	10.7	^	^	^	8.3
Red River	300.7	^	^	^	^	^	^	^	^	0.0	^
Richland	288.7	106.5	^	^	^	^	^	^	^	^	0.0
Sabine	283.9	75.4	^	39.6	^	^	^	^	^	0.0	^
St. Bernard	326.0	94.8	29.0	30.3	18.4	^	^	19.0	^	^	^
St. Charles	235.2	67.1	^	^	^	^	^	^	^	^	^
St. Helena	189.7	^	^	^	^	0.0	0.0	0.0	0.0	0.0	^
St. James	220.7	72.5	^	^	^	^	^	^	^	^	^
St. John the Baptist	237.3	82.1	^	^	^	^	^	^	^	^	^
St. Landry	272.5	92.2	25.2	19.1	21.8	12.9	^	^	^	^	14.5
St. Martin	269.5	85.6	24.6	^	^	^	^	^	^	^	^
St. Mary	252.8	87.4	^	24.9	^	^	^	^	^	^	^
St. Tammany	246.8	79.9	23.6	24.4	9.6	9.5	10.3	8.6	10.3	8.3	5.7
Tangipahoa	277.8	83.5	27.5	22.9	12.8	13.4	12.5	11.7	8.6	^	^
Tensas	224.9	^	^	^	^	0.0	0.0	0.0	^	^	^
Terrebonne	296.4	93.8	33.6	21.5	11.3	18.2	^	11.1	^	^	9.6
Union	254.6	88.5	^	41.5	^	^	^	^	0.0	^	^
Vermilion	273.1	74.8	27.0	24.5	22.3	^	^	^	^	^	^
Vernon	228.3	79.9	28.5	^	^	^	^	^	^	^	^
Washington	319.9	126.7	36.9	25.5	^	^	^	^	^	^	^
Webster	297.7	113.2	26.4	^	^	^	^	^	^	^	^
West Baton Rouge	268.2	101.1	^	^	^	^	^	^	^	^	^
West Carroll	279.3	106.4	^	^	^	^	^	^	0.0	^	^
West Feliciana	254.3	119.2	^	^	^	0.0	0.0	^	0.0	0.0	0.0
Winn	312.6	89.5	^	^	^	^	^	^	^	^	^

1. Rates per 100,000 person-years, age adjusted to the U.S. 2000 standard. See "Calculation of 2005 rates" in Introduction.

^ Rates are not generated for cells with fewer than 16 deaths in five years.

Deaths are assigned to the parish of residence, not where the death occurred.

	All Sites	Lung	Breast	Colon & Rectum	Pancreas	Ovary	Hon- Hodgkin Lymphoma	Leukemia	Brain	Liver	Kidney
Livingston	180.7	46.3	22.3	20.7	10.4	9.4	8.4	8.9	^	^	^
Madison	222.2	^	^	^	^	0.0	^	0.0	0.0	0.0	^
Morehouse	188.2	62.8	^	^	^	^	^	^	^	^	^
Natchitoches	171.2	54.8	^	^	^	^	^	^	^	0.0	^
Orleans	155.6	40.3	26.8	13.5	9.4	9.7	6.4	4.9	5.0	3.8	^
Ouachita	163.2	48.5	27.0	15.7	10.2	6.5	6.1	7.6	^	^	^
Plaquemines	175.9	48.3	^	^	^	0.0	0.0	^	^	^	^
Pointe Coupee	166.2	37.4	^	^	^	^	^	^	^	^	^
Rapides	140.7	40.6	19.5	11.0	9.8	7.6	4.8	5.3	^	^	^
Red River	147.3	^	^	^	^	^	0.0	0.0	0.0	^	0.0
Richland	154.0	54.7	^	^	^	^	0.0	^	^	^	0.0
Sabine	164.9	50.8	29.3	^	^	^	^	^	^	^	0.0
St. Bernard	218.4	65.2	25.6	25.6	13.7	13.9	^	^	^	^	^
St. Charles	146.8	37.6	18.9	^	^	^	^	^	^	^	^
St. Helena	268.9	^	^	^	0.0	^	^	^	^	0.0	0.0
St. James	141.5	^	^	^	^	^	^	^	^	^	^
St. John the Baptist	138.1	26.7	^	^	^	^	^	^	^	^	^
St. Landry	162.0	56.6	20.5	13.6	16.0	^	^	^	^	^	^
St. Martin	164.0	53.9	19.6	18.1	^	^	^	^	^	^	^
St. Mary	167.2	52.5	^	15.9	^	^	^	^	^	^	^
St. Tammany	168.1	50.4	22.9	16.8	9.5	9.4	6.9	6.3	3.7	3.5	^
Tangipahoa	168.1	45.8	25.2	15.0	^	^	^	^	^	^	^
Tensas	154.1	^	^	^	0.0	^	^	0.0	^	0.0	0.0
Terrebonne	155.9	45.2	21.7	11.4	9.1	9.7	7.5	^	^	^	^
Union	163.7	48.2	^	^	^	^	^	^	^	^	0.0
Vermilion	189.9	56.0	29.8	19.5	9.7	^	^	^	^	^	^
Vernon	159.8	55.1	23.2	^	^	^	^	^	^	^	^
Washington	178.5	54.0	27.9	17.1	^	^	^	^	^	^	^
Webster	179.7	57.2	19.1	18.7	^	^	^	^	^	^	^
West Baton Rouge	125.1	^	^	^	^	^	^	^	^	0.0	0.0
West Carroll	140.7	48.3	^	^	^	0.0	0.0	^	^	^	^
West Feliciana	121.1	^	^	^	^	^	^	^	^	^	0.0
Winn	162.0	64.4	^	^	^	^	^	^	^	0.0	^

1. Rates per 100,000 person-years, age adjusted to the U.S. 2000 standard. See "Calculation of 2005 rates" in Introduction.

^ Rates are not generated for cells with fewer than 16 deaths in five years.

Deaths are assigned to the parish of residence, not where the death occurred.

Table J3. Ten Most Common Causes of Cancer Deaths, 2003-2007: Black Males
Average Annual Mortality Rates¹ by Louisiana Parish

	All Sites	Lung	Prostate	Colon & Rectum	Pancreas	Stomach	Liver	Myeloma	Esophagus	Leukemia	Oral Cavity
Louisiana	350.0	111.2	54.8	34.8	17.0	14.6	13.4	10.1	9.8	9.2	8.4
Acadia	408.7	105.5	^	^	^	^	^	0.0	^	^	^
Allen	234.3	^	^	^	0.0	^	^	0.0	^	0.0	^
Ascension	403.4	122.1	^	^	^	^	^	^	^	^	^
Assumption	330.9	^	^	^	^	^	^	^	^	^	0.0
Avoyelles	479.8	176.7	^	^	^	^	^	^	^	^	^
Beauregard	200.0	^	^	^	0.0	^	0.0	0.0	^	^	0.0
Bienville	511.9	153.9	135.2	^	^	^	0.0	^	0.0	^	^
Bossier	310.7	61.3	^	^	^	^	^	^	^	^	^
Caddo	372.0	120.6	48.8	43.2	21.3	14.5	12.8	10.7	13.6	10.4	8.1
Calcasieu	358.8	125.9	37.3	33.9	^	^	^	^	^	^	^
Caldwell	784.9	^	^	^	0.0	^	^	0.0	0.0	0.0	^
Cameron	^	^	^	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catahoula	^	^	^	^	0.0	0.0	^	0.0	0.0	0.0	0.0
Claiborne	260.2	119.5	^	^	^	^	^	^	^	0.0	0.0
Concordia	340.0	^	^	^	^	^	^	^	^	^	^
De Soto	430.6	145.7	^	^	^	^	^	^	^	^	^
East Baton Rouge	331.0	106.2	47.7	32.4	17.5	14.8	13.3	9.8	8.6	6.9	^
East Carroll	282.7	^	^	^	^	^	^	^	^	^	^
East Feliciana	363.0	115.9	^	^	^	^	^	^	^	^	^
Evangeline	415.3	^	^	^	^	^	^	^	^	^	^
Franklin	297.3	^	^	^	^	^	^	^	0.0	0.0	0.0
Grant	398.7	^	^	^	0.0	^	0.0	^	^	0.0	0.0
Iberia	358.7	128.9	^	^	^	^	^	^	^	^	^
Iberville	434.8	87.5	104.0	^	^	^	^	^	0.0	^	^
Jackson	426.0	^	^	^	0.0	^	^	^	^	^	0.0
Jefferson	364.1	120.4	70.9	35.2	12.2	23.7	11.0	^	^	^	10.6
Jefferson Davis	360.5	^	^	^	^	^	^	0.0	0.0	0.0	^
Lafayette	394.3	127.1	53.4	29.6	^	^	^	^	^	^	^
Lafourche	409.5	176.7	^	^	^	^	^	^	^	0.0	0.0
La Salle	^	^	0.0	^	0.0	0.0	0.0	0.0	0.0	^	0.0
Lincoln	311.1	111.6	^	^	^	^	0.0	0.0	0.0	^	^

	All Sites	Lung	Prostate	Colon & Rectum	Pancreas	Stomach	Liver	Myeloma	Esophagus	Leukemia	Oral Cavity
Livingston	444.3	^	^	^	^	^	^	^	^	^	^
Madison	493.1	141.7	^	^	^	^	^	^	^	^	^
Morehouse	360.6	99.0	^	^	^	0.0	^	^	^	^	^
Natchitoches	315.7	67.9	^	^	^	^	^	^	^	0.0	^
Orleans	385.6	118.3	58.2	46.2	14.4	16.1	18.1	12.2	8.0	11.9	6.2
Ouachita	332.2	98.1	63.9	37.2	^	^	^	^	^	^	^
Plaquemines	319.3	^	^	^	^	^	^	0.0	^	0.0	^
Pointe Coupee	482.8	154.8	117.9	^	^	^	^	^	^	^	^
Rapides	303.0	108.3	34.5	33.4	^	^	^	^	^	^	^
Red River	333.5	^	^	^	^	0.0	^	0.0	0.0	^	0.0
Richland	382.7	^	^	^	^	^	^	0.0	0.0	^	0.0
Sabine	528.2	^	^	^	^	^	^	0.0	^	^	^
St. Bernard	494.1	^	^	^	^	0.0	0.0	^	^	^	0.0
St. Charles	288.5	84.0	^	^	^	^	^	^	^	^	^
St. Helena	348.5	^	^	^	^	^	^	0.0	^	^	^
St. James	342.6	116.4	^	^	^	^	^	^	^	^	0.0
St. John the Baptist	423.4	132.2	^	^	^	^	^	^	^	^	0.0
St. Landry	270.1	100.2	28.4	^	28.7	^	^	^	^	^	^
St. Martin	436.1	170.2	^	^	^	^	^	^	^	0.0	^
St. Mary	351.9	93.1	^	^	^	^	^	^	^	^	^
St. Tammany	283.4	102.0	^	60.8	^	^	^	^	^	0.0	^
Tangipahoa	358.2	119.1	59.5	^	^	^	^	0.0	^	^	^
Tensas	389.1	^	^	^	0.0	0.0	0.0	0.0	^	0.0	^
Terrebonne	415.2	120.1	^	^	^	^	^	^	^	^	^
Union	342.0	129.8	^	^	^	^	^	0.0	^	0.0	^
Vermilion	359.1	^	^	^	^	^	^	^	^	^	0.0
Vernon	240.3	^	^	^	^	0.0	0.0	0.0	0.0	0.0	^
Washington	391.9	129.9	^	^	^	^	^	^	^	^	^
Webster	351.2	109.2	69.0	^	^	^	^	0.0	^	^	^
West Baton Rouge	280.8	133.7	^	^	0.0	^	^	0.0	^	^	^
West Carroll	^	^	0.0	^	^	^	0.0	0.0	^	0.0	0.0
West Feliciana	379.9	^	^	^	^	0.0	^	0.0	^	^	^
Winn	333.3	^	^	^	^	0.0	^	^	^	^	0.0

1. Rates per 100,000 person-years, age adjusted to the U.S. 2000 standard. See "Calculation of 2005 rates" in Introduction.

^ Rates are not generated for cells with fewer than 16 deaths in five years.

Deaths are assigned to the parish of residence, not where the death occurred.

Table J4. Ten Most Common Causes of Cancer Deaths, 2003-2007: Black Females
Average Annual Mortality Rates¹ by Louisiana Parish

	All Sites	Lung	Breast	Colon & Rectum	Pancreas	Ovary	Uterus	Stomach	Myeloma	Cervix	Leukemia
Louisiana	199.7	41.4	37.7	23.8	14.1	8.2	6.9	6.4	6.2	5.6	4.8
Acadia	214.5	^	^	^	^	^	0.0	^	^	^	0.0
Allen	^	^	^	^	^	0.0	^	0.0	0.0	0.0	^
Ascension	181.9	^	44.0	^	^	^	^	^	^	^	0.0
Assumption	192.0	^	^	^	^	0.0	0.0	^	^	^	^
Avoyelles	223.6	59.8	^	^	^	^	^	^	^	^	^
Beauregard	165.8	^	^	^	^	0.0	0.0	0.0	0.0	0.0	0.0
Bienville	202.3	^	^	^	^	^	^	0.0	^	^	0.0
Bossier	142.5	^	^	^	^	^	^	^	^	^	^
Caddo	201.0	32.1	41.0	24.5	13.6	7.9	9.2	7.0	7.7	10.0	^
Calcasieu	200.2	47.2	30.6	26.6	21.8	^	^	^	^	^	^
Caldwell	^	^	^	^	0.0	0.0	0.0	0.0	^	0.0	0.0
Cameron	^	^	0.0	0.0	0.0	0.0	0.0	0.0	^	^	0.0
Catahoula	239.8	^	^	^	^	^	^	0.0	0.0	0.0	^
Claiborne	109.8	^	^	^	0.0	0.0	^	^	0.0	0.0	0.0
Concordia	159.9	^	^	^	^	^	^	^	0.0	^	0.0
De Soto	172.1	^	^	^	^	^	^	^	0.0	^	^
East Baton Rouge	195.9	35.4	36.7	21.2	17.0	10.0	7.0	5.7	^	5.1	5.4
East Carroll	359.7	^	^	^	^	^	^	^	^	^	^
East Feliciana	186.3	^	^	^	^	^	^	0.0	^	^	0.0
Evangeline	130.6	^	^	^	^	0.0	0.0	0.0	^	^	^
Franklin	229.9	^	^	^	0.0	^	^	^	^	^	^
Grant	287.5	^	^	^	0.0	0.0	^	0.0	0.0	^	0.0
Iberia	183.9	32.7	43.5	^	^	^	^	^	^	^	^
Iberville	212.2	43.1	53.4	^	^	^	^	^	^	0.0	^
Jackson	182.4	^	^	^	^	^	^	^	^	^	0.0
Jefferson	198.5	44.5	39.3	20.1	9.7	^	^	^	^	^	^
Jefferson Davis	175.3	^	^	^	0.0	^	^	^	^	0.0	^
Lafayette	226.1	48.2	47.7	25.5	17.5	^	^	^	^	^	^
Lafourche	215.8	^	^	^	^	^	^	^	^	^	^
La Salle	^	^	0.0	^	^	0.0	0.0	0.0	^	^	^
Lincoln	223.8	57.8	54.1	^	^	^	^	0.0	^	^	^

	All Sites	Lung	Breast	Colon & Rectum	Pancreas	Ovary	Uterus	Stomach	Myeloma	Cervix	Leukemia
Livingston	214.4	^	^	^	^	^	^	^	0.0	^	0.0
Madison	274.6	^	^	^	^	0.0	^	0.0	^	^	^
Morehouse	165.4	^	^	^	^	^	^	^	^	^	^
Natchitoches	190.1	^	^	^	^	^	^	^	^	^	^
Orleans	210.4	45.0	38.3	28.1	15.2	7.6	6.2	6.4	5.3	5.0	5.1
Ouachita	212.2	40.1	39.2	24.9	^	^	^	^	^	^	^
Plaquemines	179.4	^	^	^	^	^	^	0.0	^	0.0	^
Pointe Coupee	142.5	^	^	^	^	^	^	0.0	^	0.0	0.0
Rapides	209.9	51.2	35.0	25.7	^	^	^	^	^	^	^
Red River	205.0	^	^	^	^	0.0	0.0	0.0	^	^	0.0
Richland	224.5	^	^	^	^	0.0	0.0	0.0	0.0	^	0.0
Sabine	176.7	^	^	0.0	^	0.0	0.0	0.0	0.0	0.0	0.0
St. Bernard	373.8	^	^	^	^	0.0	0.0	0.0	0.0	0.0	^
St. Charles	239.6	74.4	^	^	^	0.0	^	^	^	^	0.0
St. Helena	171.1	^	^	^	^	^	0.0	0.0	^	0.0	0.0
St. James	206.6	^	^	^	^	^	^	^	^	^	0.0
St. John the Baptist	230.3	^	59.4	^	^	^	^	^	^	^	^
St. Landry	185.9	51.0	26.9	18.5	19.2	^	^	^	^	^	^
St. Martin	147.1	^	^	^	^	^	^	^	0.0	^	^
St. Mary	232.1	^	^	^	^	^	^	^	^	^	^
St. Tammany	138.1	^	^	^	^	^	^	^	^	^	^
Tangipahoa	213.4	52.5	34.2	27.7	^	^	^	^	^	^	^
Tensas	228.0	^	^	0.0	^	^	^	0.0	0.0	0.0	^
Terrebonne	272.3	45.4	44.0	^	^	^	^	^	^	^	^
Union	165.9	^	^	^	^	0.0	0.0	^	0.0	^	0.0
Vermilion	211.7	^	^	^	^	^	^	^	^	0.0	^
Vernon	236.6	^	^	^	0.0	^	0.0	0.0	0.0	^	0.0
Washington	212.7	47.0	^	^	^	0.0	^	^	^	^	^
Webster	203.3	45.9	37.4	^	^	^	^	^	0.0	^	^
West Baton Rouge	206.8	^	^	^	^	^	^	^	^	0.0	0.0
West Carroll	^	^	^	0.0	^	^	0.0	^	0.0	0.0	0.0
West Feliciana	^	^	^	^	0.0	0.0	0.0	0.0	0.0	^	^
Winn	233.1	^	^	^	0.0	^	^	0.0	0.0	^	0.0

1. Rates per 100,000 person-years, age adjusted to the U.S. 2000 standard. See "Calculation of 2005 rates" in Introduction.

^ Rates are not generated for cells with fewer than 16 deaths in five years.

Deaths are assigned to the parish of residence, not where the death occurred.

Table K1. Ten Most Common Causes of Cancer Death,¹ 2003-2007: White Males
U.S., Louisiana, and Louisiana Tumor Registry Regions

Primary Site	U.S.	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region
All Sites Combined	222.5	249.6 ↑	253.1	241.3 *	259.5	268.3 #	251.6	258.9	263.1	258.4
Lung	68.3	83.9 ↑	74.2 *	80.4 *	86.7	85.2	89.4	88.6	88.6	92.7 #
Colon and rectum	20.6	24.2 ↑	22.6	22.1	27.0	26.9	22.1	24.0	27.2	20.9
Prostate	22.8	21.8	22.3	18.2 *	21.5	24.8	17.9	25.1	22.0	23.5
Pancreas	12.2	12.8	13.4	12.1	10.5	15.1	10.3	15.0	13.0	13.1
Non-Hodgkin lymphoma	9.1	10.2 ↑	10.5	8.4	11.2	11.6	10.6	9.3	10.2	9.9
Leukemia	10.0	9.8	9.1	9.4	9.0	9.3	8.1	11.8	11.2	12.1
Liver & Duct	7.0	9.0 ↑	12.1 #	8.5	8.6	6.0 *	11.0	6.8	5.2	6.8
Esophagus	7.9	7.6	9.4 #	6.3	8.4	6.4	6.8	5.5	8.9	7.9
Kidney	6.0	7.4 ↑	8.7	5.8	7.0	7.9	10.2	6.7	7.2	6.7
Bladder	7.9	7.4	9.5 #	7.4	6.8	8.4	5.5	4.9	7.0	7.0

1. Average annual rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

↑ or ↓ The Louisiana rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

See Table 1 (Introduction) for a list of parishes in each region.

Table K2. Ten Most Common Causes of Cancer Death,¹ 2003-2007: White Females
U.S., Louisiana, and Louisiana Tumor Registry Regions

Primary Site	U.S.	Louisiana	New Orleans Region	Baton Rouge	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region
All Sites	155.0	162.4 ↑	161.2	160.1	159.1	172.9 ↑	171.1	158.1	159.3	159.9
Lung	41.6	47.3 ↑	45.5	43.1 *	44.4	54.8 ↑	49.7	46.9	48.1	49.4
Breast	23.4	23.9	26.2	23.3	22.2	24.7	24.9	22.4	23.0	23.8
Colon and rectum	14.4	14.7	13.8	15.3	14.7	14.5	16.4	14.2	15.3	13.4
Pancreas	9.1	9.8 ↑	7.9 *	10.4	9.8	12.9 ↑	10.1	11.1	8.2	8.9
Ovary	8.9	8.7	9.3	8.6	8.4	8.0	7.1	8.5	10.1	8.4
Non-Hodgkin lymphoma	5.7	6.3 ↑	2.8	2.5	2.3	2.7	4.0	2.6	2.7	2.7
Leukemia	5.6	5.6	2.3	1.9	2.1	2.0	2.5	2.7	1.9	2.2
Brain and CNS	3.8	4.1	2.2	2.4	2.5	2.2 ↓	2.3	1.7	2.7	3.5
Liver & Duct	1.9	3.7 ↑	1.9	1.6	1.8	2.5	3.0	2.9	2.6	2.3
Kidney and Renal Pelvis	2.7	3.6 ↑	5.9	6.6	5.8	4.7	4.7	4.4	5.5	5.9

1. Average annual rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

↑ or ↓ The rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

See Table 1 (Introduction) for a list of parishes in each region.

Table K3. Ten Most Common Causes of Cancer Death,¹ 2003-2007: Black Males
U.S., Louisiana, and Louisiana Tumor Registry Regions

Primary Site	U.S	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region
All Malignant Cancers	296.5	350.0 ↑	361.6	347.4	356.5	345.5	303.4 *	334.0	357.3	353.2
Lung and Bronchus	87.5	111.2 ↑	114.2	110.3	116.1	111.0	102.3	110.8	111.6	106.8
Prostate	54.2	54.8	57.8	56.6	56.8	38.7 *	39.2	52.1	55.6	72.1 #
Colon and rectum	30.5	34.8 ↑	39.9	31.3	42.6	26.3	23.0 *	32.9	39.5	32.9
Pancreas	15.4	17.0	14.2	16.0	16.3	22.6	^	18.2	20.4	17.0
Stomach	10.7	14.6 ↑	17.4	15.6	12.1	15.3	17.8	^	13.1	12.0
Liver	9.8	13.4 ↑	17.1	14.1	14.1	10.9	14.1	^	13.3	^
Myeloma	8.1	10.1 ↑	10.0	10.3	14.2	8.6	^	^	^	11.9
Esophagus	8.9	9.8	7.3	9.6	11.9	12.7	^	^	^	9.5
Leukemia	8.4	9.2	10.0	8.7	^	10.7	^	^	8.7	11.3
Oral cavity	6.3	8.4 ↑	6.7	7.7	^	11.6	^	^	^	9.4

1. Average annual rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

↑ or ↓ The rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

See Table 1 (Introduction) for a list of parishes in each region.

^ Rates are not calculated if fewer than 16 deaths occurred during the five-year period.

Table K4. Ten Most Common Causes of Cancer Death,¹ 2003-2007: Black Females
U.S., Louisiana, and Louisiana Tumor Registry Regions

Primary Site	U.S.	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region
All Sites Combined	180.6	199.7 ↑	208.9	193.7	205.3	195.6	188.8	212.4	187.2	216.3
Lung	39.6	41.4	45.4	38.9	40.8	43.1	46.5	52.7	33.1 *	42.8
Breast	32.4	37.7 ↑	38.6	35.6	38.7	35.1	29.2	35.0	38.8	46.6 #
Colon and Rectum	21.0	23.8 ↑	26.3	19.9	23.7	24.5	27.2	26.0	24.1	22.5
Pancreas	12.4	14.1 ↑	14.1	15.5	14.6	16.9	18.7	9.7	11.3	13.6
Ovary	7.2	8.2 ↑	7.4	8.6	9.0	9.1	6.7	8.9	7.1	9.4
Uterus	7.2	6.9	6.0	7.6	9.2	4.6	4.9	7.0	8.0	8.0
Stomach	5.0	6.4 ↑	6.3	6.4	9.3	8.2	2.9	6.5	5.6	6.3
Myeloma	5.8	6.2	6.0	5.5	6.9	6.9	6.1	6.6	6.1	6.4
Cervix Uteri	4.4	5.6 ↑	4.7	4.2	5.0	3.8	3.2	9.4	8.6 #	7.9
Leukemia	5.0	4.8	5.7	4.4	5.1	5.3	5.3	4.2	3.8	^

1. Average annual rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

↑ or ↓ The rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

See Table 1 (Introduction) for a list of parishes in each region.

^ Rates are not calculated if fewer than 16 deaths occurred during the five-year period.

Table L1. Ten Most Common Causes of Cancer Deaths,¹ 2003-2007: White Males
U.S., Louisiana, and Louisiana Office of Public Health Regions²

Primary Site	U.S.	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region	North-lake Region
All Malignant Cancers	222.5	249.6 ↑	253.1	230.9 *	259.9	269.5 #	251.6	258.9	263.1	258.4	259.6
Lung and Bronchus	68.3	83.9 ↑	75.0 #	74.9 *	86.0	84.9	89.4	88.6	88.6	92.7 #	88.8
Colon and rectum	20.6	24.2 ↑	22.7	19.3 *	25.9	27.6	22.1	24.0	27.2	20.9	27.3
Prostate	22.8	21.8	22.3	18.4	19.3	24.8	17.9	25.1	22.0	23.5	21.6
Pancreas	12.2	12.8	13.5	12.6	11.3	15.1	10.3	15.0	13.0	13.1	10.4
Non-Hodgkin Lymphoma	9.1	10.2 ↑	10.4	7.5 *	13.1	11.4	10.6	9.3	10.2	9.9	9.8
Leukemia	10.0	9.8	9.0	9.5	7.5	9.8	8.1	11.8	11.2	12.1	9.5
Liver & Duct	7.0	9.0 ↑	12.0 #	7.6	8.6	6.2	11.0	6.8	5.2	6.8	8.9
Esophagus	7.9	7.6	9.4 #	6.2	6.6	6.2	6.8	5.5	8.9	7.9	8.8
Kidney and Renal Pelvis	6.0	7.4 ↑	9.5	6.5	6.5	8.1	10.2	6.7	7.2	6.7	8.4
Urinary Bladder	7.9	7.4	8.6 #	5.8	7.3	8.1	5.5	4.9	7.0	7.0	6.2

1. Average annual rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

2. For lists of the parishes in each OPH region, go to: <http://www.dhh.louisiana.gov/offices/?ID=223>

↑ or ↓ The state rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

Table L2. Ten Most Common Causes of Cancer Deaths,¹ 2003-2007: White Females
U.S., Louisiana, and Louisiana Office of Public Health Regions²

Primary Site	U.S.	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region	North-lake Region
All Malignant Cancers	155.0	162.4 ↑	161.5	152.4 *	151.5 *	173.6 #	171.1	158.1	159.3	159.9	172.2 #
Lung and Bronchus	41.6	47.3 ↑	45.5	41.2	40.3 *	55.0 #	49.7	46.9	48.1	49.4	49.2
Breast	23.4	23.9	26.1	23.0	20.3	25.6	24.9	22.4	23.0	23.8	23.5
Colon and rectum	14.4	14.7	14.1	13.5	13.1	14.4	16.4	14.2	15.3	13.4	17.6 #
Pancreas	9.1	9.8 ↑	8.0 *	11.3	10.8	12.7 #	10.1	11.1	8.2	8.9	8.7
Ovary	8.9	8.7	9.0	8.8	7.2	8.1	7.1	8.5	10.1	8.4	9.4
Non-Hodgkin Lymphoma	5.7	6.3 ↑	6.4	6.0	6.5	6.9	4.0	2.6	2.7	2.7	7.1
Leukemia	5.6	5.6	5.8	6.2	6.0	4.6	2.5	2.7	1.9	2.2	6.6
Brain	3.8	4.1	4.2	4.4	4.7	2.6 *	2.3	1.7	2.7	3.5	5.0
Liver & Duct	1.9	3.7 ↑	3.9	3.6	4.7	2.3 *	3.0	2.9	2.6	2.3	4.1
Kidney and Renal Pelvis	2.7	3.6 ↑	3.3	3.2	4.2	4.5	4.7	4.4	5.5	5.9	3.2

1. Average annual rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

2. For lists of the parishes in each OPH region, go to: <http://www.dhh.louisiana.gov/offices/?ID=223>

↑ or ↓ The state rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

Table L3. Ten Most Common Causes of Cancer Deaths,¹ 2003-2007: Black Males
U.S., Louisiana, and Louisiana Office of Public Health Regions²

Primary Site	U.S.	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region	North-lake Region
All Malignant Cancers	296.5	350.0 ↑	360.1	347.7	379.1	343.8	303.4 *	334.0	357.3	353.2	335.7
Lung and Bronchus	87.5	111.2 ↑	114.0	113.3	119.8	111.2 *	102.3	110.8	111.6	106.8	100.6
Prostate	54.2	54.8	57.4	57.4	52.7	40.1	39.2	52.1	55.6	72.1 #	54.0
Colon and rectum	30.5	34.8 ↑	40.2	30.8	41.6	26.0	23.0 *	32.9	39.5	32.9	33.9
Pancreas	15.4	17.0	13.9	15.9	17.9	22.2	^	18.2	20.4	17.0	18.2
Stomach	10.7	14.6 ↑	17.2	14.4	18.6	15.0	17.8	^	13.1	12.0	^
Liver	9.8	13.4 ↑	16.9	15.2	10.7	11.5	14.1	^	13.3	^	14.0
Myeloma	8.1	10.1 ↑	9.9	11.3	13.0	8.8	^	^	^	11.9	^
Esophagus	8.9	9.8	7.4	9.4	13.9	13.3	^	^	^	9.5	^
Leukemia	8.4	9.2	9.8	8.1	^	9.5	^	^	8.7	11.3	^
Oral cavity	6.3	8.4 ↑	6.5	7.0	^	12.7	^	^	^	9.4	^

1. Average annual rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

2. For lists of the parishes in each OPH region, go to: <http://www.dhh.louisiana.gov/offices/?ID=223>

↑ or ↓ The state rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

^ Rates are not calculated if fewer than 16 deaths occurred during the five-year period.

Table L4. Ten Most Common Causes of Cancer Deaths,¹ 2003-2007: Black Females
 U.S., Louisiana, and Louisiana Office of Public Health Regions²

Primary Site	U.S.	Louisiana	New Orleans Region	Baton Rouge Region	South-east Region	Acadiana Region	South-west Region	Central Region	North-west Region	North-east Region	North-lake Region
All Sites Combined	180.6	199.7 ↑	208.3	191.1	229.0 #	191.7	188.8	212.4	187.2	216.3	185.8
Lung	39.6	41.4	44.8	35.9	44.4	44.2	46.5	52.7	33.1 *	42.8	43.8
Breast	32.4	37.7 ↑	39.0	36.9	41.2	34.9	29.2	35.0	38.8	46.6 #	27.1
Colon and Rectum	21.0	23.8 ↑	26.2	19.2	24.8	24.2	27.2	26.0	24.1	22.5	23.7
Pancreas	12.4	14.1 ↑	14.0	15.9	16.1	17.7	18.7	9.7	11.3	13.6	11.7
Ovary	7.2	8.2 ↑	7.5	8.9	11.1	8.4	6.7	8.9	7.1	9.4	^
Uterus	7.2	6.9	6.0	7.4	^	4.9	4.9	7	8.0	8.0	9.8
Stomach	5.0	6.4 ↑	6.2	5.0	12.8	7.7	2.9	6.5	5.6	6.3	^
Myeloma	5.8	6.2	6.1	5.0	^	5.6	6.1	6.6	6.1	6.4	^
Cervix Uteri	4.4	5.6 ↑	4.6	4.1	^	^	3.2	9.4	8.6 #	7.9	^
Leukemia	5.0	4.8	5.8	4.3	^	5.2	5.3	4.2	3.8	^	^

1. Average annual rates per 100,000 person-years, age-adjusted to the U.S. 2000 standard. See "Calculating 2005 Rates" in the Introduction.

2. For lists of the parishes in each OPH region, go to: <http://www.dhh.louisiana.gov/offices/?ID=223>

↑ or ↓ The state rate is significantly higher or lower ($p < 0.05$) than the U.S. rate.

The regional rate is significantly higher ($p < 0.05$) than the Louisiana rate.

* The regional rate is significantly lower ($p < 0.05$) than the Louisiana rate.

^ Rates are not calculated if fewer than 16 deaths occurred during the five-year period.

Appendix. Louisiana Population, 2003-2007
Average Annual Counts

	Totals		Whites		Blacks		American Indians/Alaska Natives		Asians or Pacific Islanders	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
00 years	31,594	30,136	18,503	17,561	12,290	11,801	270	263	531	511
00-04 years	126,140	120,529	73,643	70,264	49,274	47,257	1,052	983	2,171	2,025
05-09 years	154,391	148,347	90,372	86,383	60,444	58,537	1,110	1,064	2,465	2,363
10-14 years	162,299	154,977	93,862	88,841	64,802	62,724	1,165	1,135	2,469	2,277
15-19 years	168,173	165,696	99,129	95,953	65,195	66,201	1,315	1,253	2,534	2,289
20-24 years	172,558	171,200	106,615	103,338	61,633	64,039	1,276	1,221	3,034	2,602
25-29 years	151,674	152,157	97,735	93,996	49,638	54,191	1,066	1,066	3,235	2,904
30-34 years	133,143	138,551	88,712	87,974	40,469	46,778	949	898	3,013	2,901
35-39 years	141,397	148,334	96,261	95,419	41,363	49,278	981	952	2,791	2,684
40-44 years	155,341	164,679	106,994	107,489	44,937	53,701	1,057	1,062	2,353	2,428
45-49 years	159,542	168,436	110,969	111,244	45,259	53,598	1,010	1,074	2,304	2,520
50-54 years	144,534	153,751	101,967	102,984	39,664	47,635	908	904	1,995	2,229
55-59 years	121,796	131,413	88,666	91,921	30,768	36,931	801	744	1,561	1,818
60-64 years	90,089	101,998	67,909	73,733	20,553	26,545	557	581	1,071	1,139
65-69 years	69,480	82,226	52,848	59,685	15,467	21,336	411	388	754	817
70-74 years	54,798	70,641	42,402	52,480	11,614	17,249	292	283	490	630
75-79 years	43,052	62,470	34,186	47,734	8,361	14,086	187	232	318	419
80-84 years	28,234	47,430	22,495	37,050	5,447	9,985	119	154	173	242
85+ years	19,853	45,931	15,027	35,200	4,589	10,364	100	174	137	193
Totals	2,128,087	2,258,903	1,408,295	1,459,248	671,766	752,234	14,625	14,431	33,400	32,990

Source: U.S. Census Bureau, Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute, April 2010.