

*Cancer in Louisiana*

Volume 22

# ***Cancer in Louisiana, 2000–2004***

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# Cancer in Louisiana, 2000–2004: Summary

## **Incidence**

- During the five-year period 2000–2004, a total of 105,082 invasive primary cancers were diagnosed among Louisiana residents, or an average of 21,016 cases per year (Table A1).
- For all Louisiana residents combined, the most frequently diagnosed cancers were lung (16%), prostate (16%), breast (14%), colon & rectum (12%), and urinary bladder (4%) (Table A2).
- The five most common cancers for white men were prostate (27% of all cases diagnosed), lung (18%), colon & rectum (12%), urinary bladder (7%), and non-Hodgkin lymphoma (4%) (Table A2).
- Among black men, prostate (34%), lung (19%), colon & rectum (11%), oral cavity (3%), and kidney (3%) cancers were the most common (Table A2).
- Among white women, cancers of the breast (30%), lung (15%), colon & rectum (12%), non-Hodgkin lymphoma (4%), and uterus (4%) were the most common (Table A2).
- The five most common cancers for black women were breast (32%), colon & rectum (14%), lung (12%), uterus (4%), and cervix (4%) (Table A2).
- Although the incidence rates for cancers of all sites combined among white men and black men in Louisiana were significantly higher than those for their national counterparts, the rate for African-American women in Louisiana was similar to national levels and that for white women was significantly lower (Tables E1 – E4).
- Lung cancer rates have been historically high in Louisiana. For white men and black men the incidence rates were higher in every region of the state than the U.S. average. Also, the incidence rates for cancers of the colon & rectum, oral cavity, kidney and pancreas are significantly higher among white men in Louisiana compared with the rates for white men in the U.S. Among white women, the incidence rates for cancers of the lung, colon & rectum and kidney are higher than the national average for white women in the U.S. The incidence rates for cancers of the stomach and oral cavity and myeloma are higher among Louisiana black men compared with those for black men in the U.S. Among black females, the incidence rates for uterine, cervical and stomach cancers are greater in Louisiana compared with the national rates for black women in the U.S.
- Louisiana incidence rates were significantly lower than the U.S. rates for lung and uterine cancer among black women; prostate cancer for black men; ovary, uterus, and breast among white women; and melanoma of the skin among whites.
- In the Industrial Corridor (which includes Ascension, East Baton Rouge, Iberville, St. James, St. John the Baptist, St. Charles, and West Baton Rouge parishes), white and black males had significantly higher incidence rates for all cancer sites combined than their counterparts nationwide. The rate for African-American women in the Industrial Corridor was similar to national levels and that for white women was significantly lower (Table F). This was the same pattern seen when the state as a whole compared with the U.S.
- In this year's monograph, descriptive maps (Figures 1-12) display the geographic distribution of incidence rates for selected cancers diagnosed between 2000 and 2004 by Louisiana parish. Mapping

- allows us to visually assess variation of disease to assess whether unusual concentrations of disease are evident and to guide Public Health planning
- Published studies from the U.S. and worldwide have shown that the major known risk factors for cancer—smoking, diet, and physical activity—are generally associated with two thirds of the new cancer diagnoses. Other important factors include age, alcohol use, exposure to sunlight, sexual and reproductive history, occupational exposures, certain viral infections, and medical treatments. Family history also plays a role.

## **Mortality**

- A total of 47,324, Louisiana residents died from cancer during the period 2000–2004, or an average of 9,465 per year (Table G1). Cancer is the second leading cause of death in Louisiana; only heart disease causes more deaths.
- Among Louisiana white males, the most frequent causes of cancer deaths were lung (35% of all cancer deaths), colon & rectum (10%), prostate (8%), pancreas (5%), and leukemias (4%) (Table G2).
- Among black males in Louisiana, lung (33%), prostate (13%), colon & rectum (10%), pancreas (5%), and stomach (4%) cancers were the most common causes of cancer death (Table G2).
- For white females, the most common cancer deaths were from lung (28%), breast (15%), colon & rectum (10%), pancreas (6%), and ovary (5%) (Table G2).
- For black females the most common causes of cancer death were those of the lung (20%), breast (20%), colon & rectum (12%), pancreas (6%), and ovary (4%) (Table G2).
- Statewide, each of the four major race-sex groups had significantly higher death rates for all sites combined than their national counterparts (Table I).
- The death rates among Louisiana white men and black men were significantly higher for cancers of the oral cavity, colon & rectum, lung and kidney compared with their national counterparts. Among white women, the death rate was higher in Louisiana compared with the national average for cancers of the lung, colon and rectum, pancreas and non-Hodgkin lymphoma. Among black females, the mortality rates for stomach, colon rectum, pancreas and breast cancers are greater in Louisiana compared with the national rates for black women in the U.S. (Table I).
- Louisiana residents tended to have poorer survival than their national counterparts. For example, although Louisiana black women experienced a breast cancer incidence rate similar to the national one, their death rate was 19% higher (statistically significant). Similarly, the incidence rate for all sites combined among Louisiana white women was significantly lower (4%) than nationally, yet their mortality exceeded the U.S. level significantly (5%).
- In this year's monograph, descriptive maps (Figures 1-12) display the geographic distribution of mortality rates for selected cancers diagnosed between 2000 and 2004 by Louisiana parish. Mapping allows us to visual assess variations of disease to assess whether unusual patterns of disease are evident and to guide public health planning for cancer prevention, early detection and access to care.

*Note:* All incidence and mortality rates in this volume are average annual rates 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 22 of its annual Cancer in Louisiana monograph series, documenting cancer incidence and mortality in Louisiana from 2000 through 2004. A list of earlier publications in this series can be found in Appendix 1 as well as its website.*

## Purpose of the Registry

The Louisiana Tumor Registry (LTR) is mandated by Louisiana law to collect, analyze and disseminate information on cancer in Louisiana. This statewide population-based cancer registry produces cancer incidence rates by age, race, sex, and geographic region and monitors trends over time so that data-driven cancer prevention and control programs can be implemented to reduce cancer morbidity and mortality. Registry data provide the foundation for studies evaluating the efficacy of clinical therapies, health care planning, screening and early detection programs, and other cancer prevention and control initiatives. Using this information, we can work together 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. The Louisiana Tumor Registry then encompassed only Jefferson, Orleans, and St. Bernard parishes. Data from the Louisiana Tumor Registry were included in the 1974–1977 SEER calculations of “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., became director of the registry in 1991.

Since 1994, the LTR has participated in the National Program of Cancer Registries (NPCR) and received funds from the Centers for Disease Control and Prevention (CDC), which administers the NPCR. 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 provides state funds.

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

Oversight of the registry is 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 page 10).

## 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 healthcare providers to report all cancer cases to the registry and to provide follow-up information. 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. Contact information for the regional registries is in Appendix 2.

## 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. Every healthcare provider is required by Louisiana law to report this information to the regional registries. 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, edit case abstracts, consolidate multiple reports on the same case, obtain follow-up information on patients and assist 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.

Any unregistered 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 cancer registries in 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 Cancer Diagnoses

The Louisiana Tumor Registry requires that all in situ and invasive neoplasms (cancers with behavior codes 2 or 3 in the *ICD-O-2*<sup>1</sup> or *ICD-O-3*<sup>2</sup>) 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 are considered malignant in North America. Benign and borderline tumors (behavior codes of 0 or 1) diagnosed in 2004 and after of the brain and central nervous system are also reportable.

## 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*.<sup>3</sup> 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 six years.

LTR data are also included in other cancer surveillance publications that accept only high-quality data: *Cancer Incidence in Five Continents*,<sup>4</sup> published by the World Health Organization’s International Association for Research on Cancer; *United States Cancer Statistics*,<sup>5</sup> published by the CDC and the NCI; and *SEER Cancer Statistics Review*,<sup>6</sup> 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 healthcare 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” every year and are subject to penalty if they disclose confidential information. LTR data are published in aggregate form only. Data presented are not intended to correspond to individual cases.

## **Presentation of Data**

Volume 22 of *Cancer in Louisiana* presents cancer incidence and mortality information about residents of Louisiana diagnosed with cancer between January 1, 2000, and December 31, 2004. Figures 1–12 portray the geographic distribution of cancer incidence and mortality rates of the major cancer sites for all Louisiana parishes. Statistics on incidence are found in Tables A–F, and Tables G–J contains data on mortality. Incidence or mortality rates are not calculated for cells smaller than six, as rates based on small counts tend to 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 statistics from other cancer surveillance publications. These conventions include:

- Primary site and histologic (cell) type were coded according to the *International Classification of Diseases for Oncology*, 2<sup>nd</sup> edition,<sup>1</sup> for cases diagnosed through the year 2000 and according to the *International Classification of Diseases for Oncology*, 3<sup>rd</sup> edition,<sup>2</sup> for diagnoses beginning January 1, 2001.
- Only primary cancers are included in the LTR database used for calculating incidence counts or rates. Recurrent or metastatic cases are excluded from this database.

- Rules from the SEER Program determine whether multiple primary cancers for a given patient are considered one case or more than one.
- Anatomic sites are grouped according to code groupings of the NCI’s SEER Program (Appendix 3).
- 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. Carcinomas *in situ* of the breast are listed separately from the invasive cancers and are excluded from the “all sites” invasive total.
- Neoplasms of the lymphatic, hematopoietic, and reticuloendothelial systems (e.g., lymphomas and leukemias) are grouped by their histologies and not by the anatomical sites where they occur. Mesothelioma and Kaposi sarcoma are also identified by histology.

### 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 NCI’s SEER Program has grouped the anatomical site codes from the *International Classification of Diseases*, 10<sup>th</sup> Revision<sup>7</sup>

(Appendix 4). These groupings are used by cancer surveillance agencies for calculating mortality rates.

## 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 2000–2004.

### Race

Race for cancer cases is based primarily on information contained in a patient's medical record, supplemented by information on death certificates completed by a physician or coroner. The LTR has made great efforts to obtain accurate race information although some misclassification may still exist.

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 2000–2004 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.

### 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 before 1999, however, have been age adjusted to the 1970 U.S. standard population. Because the U.S. populace was older in 2000 than in 1970, the new standard

caused many 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.

More information on age adjustment may be found at the NAACCR website.<sup>8</sup>

## Comparison Groups

### Incidence

National estimates of the average annual age-adjusted incidence rates were calculated using data from the NCI's SEER Program. Data from the SEER Program are recognized for their high quality, and SEER computations have been traditionally cited as national estimates.

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, Seattle/Puget Sound), a group of ten rural counties in Georgia, and the combined American Indian/Alaska Natives of Arizona and Alaska.

### Mortality

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

### Geographic Display

Figures 1–12 illustrate incidence and mortality rates of the major cancer sites by parish. The maps displayed are known as choropleth maps, in which areas are shaded in proportion to the rates displayed on the map. Mapping cancer data can be an efficient way to communicate information about where cancer occurs. Incidence and mortality rates mapped in this monograph were computed as previously described and are shown for the four most common cancers in

Louisiana: lung, breast, prostate and colorectum. All rates shown are age adjusted to the standard 2000 US standard population. The rates are categorized according to percentiles of the rate distribution for all parishes; the category cut points are 10%, 20%, 40%, 60%, 80% and 90% of the rate distribution. Rates are not shown for parishes with less than one case per year on average.

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. The LTR publishes rates based on more than five cases, in conformity with NAACCR standards.

## 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

## Abbreviations Used in This Volume

<b>ICD-O-2</b>	<i>International Classification of Diseases for Oncology, 2<sup>nd</sup> edition</i>
<b>ICD-O-3</b>	<i>International Classification of Diseases for Oncology, 3<sup>rd</sup> edition</i>
<b>LTR</b>	Louisiana Tumor Registry
<b>NAACCR</b>	North American Association of Central Cancer Registries
<b>NCI</b>	National Cancer Institute
<b>NPCR</b>	National Program of Cancer Registries
--	Not applicable; rate is not calculated for case counts lower than six
<b>SEER</b>	Surveillance, Epidemiology and End Results Program of the National Cancer Institute

## Regions of the Louisiana Tumor Registry

<i>Regional registry</i>	<i>Beginning date of the Registry</i>	<i>Average annual Population 2000-2004</i>	<i>Parishes covered</i>
New Orleans (Region 1)	1974	991,519	Jefferson, Orleans, St. Bernard
Baton Rouge (Region 2)	1983	842,085	Ascension, Assumption, East Baton Rouge, East Feliciana, Iberville, Livingston, Pointe Coupée, St. Helena, Tangipahoa, West Baton Rouge, West Feliciana
Southeast Louisiana (Region 3)	1983	584,699	Lafourche, Plaquemines, St. Charles, St. James, St. John, St. Tammany, Terrebonne, Washington
Acadiana (Region 4)	1983	605,496	Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Martin, St. Mary, Vermilion
Southwest Louisiana (Region 5)	1983	283,306	Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis
Central Louisiana (Region 6)	1988	299,895	Avoyelles, Catahoula, Concordia, Grant, La Salle, Rapides, Vernon, Winn
Northwest Louisiana (Region 7)	1988	522,977	Bienville, Bossier, Caddo, Claiborne, De Soto, Natchitoches, Red River, Sabine, Webster
Northeast Louisiana (Region 8)	1988	351,387	Caldwell, East Carroll, Franklin, Jackson, Lincoln, Madison, Morehouse, Ouachita, Richland, Tensas, Union, West Carroll
Entire state	1988	4,481,364	

Source: U.S. Bureau of Census, January 3, 2007

## References

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Darlene W. Smith, State Registrar and Director,  
Vital Records and Health Statistics  
Joan Borstell, MS, Louisiana Center for Health  
Statistics

## **Internet Addresses for Cancer-Related Organizations**

### **Cancer Statistics**

Surveillance Epidemiology and End Results Program (SEER): <http://seer.cancer.gov>

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

North American Association of Central Cancer Registries: <http://www.naaccr.org>

The Cancer Research section provides detailed statistics in its *Cancer in North America* publication or quick statistics and graphics in its CINA+ Online program.

*United States Cancer Statistics: 2003:* <http://www.cdc.gov/cancer/npcr/uscs>

### **General Information**

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

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

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

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

Cancer Control Planet: <http://cancercontrolplanet.cancer.gov>

### **Related Programs**

School of Public Health, Louisiana State University Health Sciences Center–New Orleans:

<http://publichealth.lsuhsc.edu>

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

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

Louisiana Cancer Control Partnership: <http://www.lcltfb.org/CC-Plan/default.htm>

Tobacco-Free Louisiana: <http://www.tobaccofreelouisiana.org> or <http://www.mytfl.org>

Louisiana Breast and Cervical Screening Program: [http://labchp.lsuhsc.edu/Services\\_2.htm](http://labchp.lsuhsc.edu/Services_2.htm)

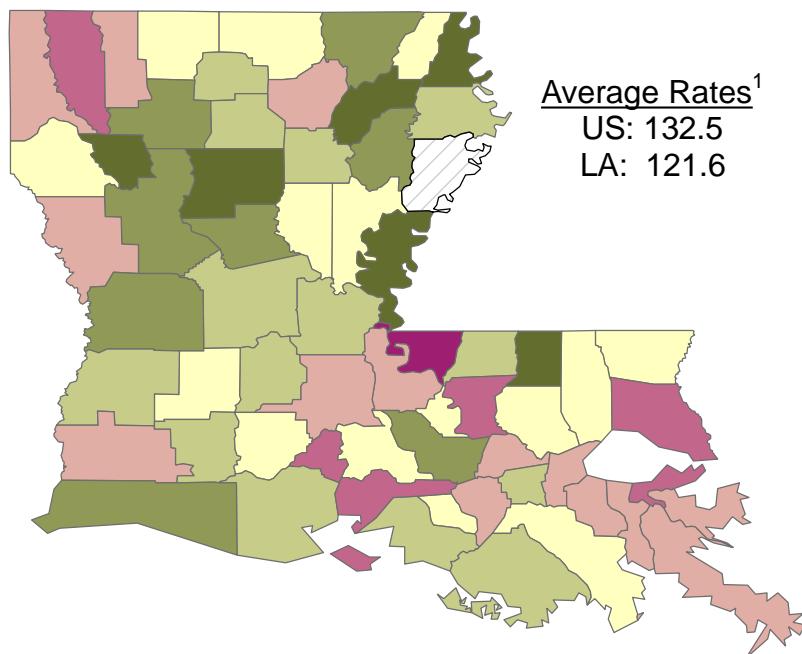
# Incidence & Mortality Maps



Louisiana Parishes

Figure 1. Breast Cancer Incidence Rates<sup>1</sup>  
Louisiana, 2000-2004

*White Females*

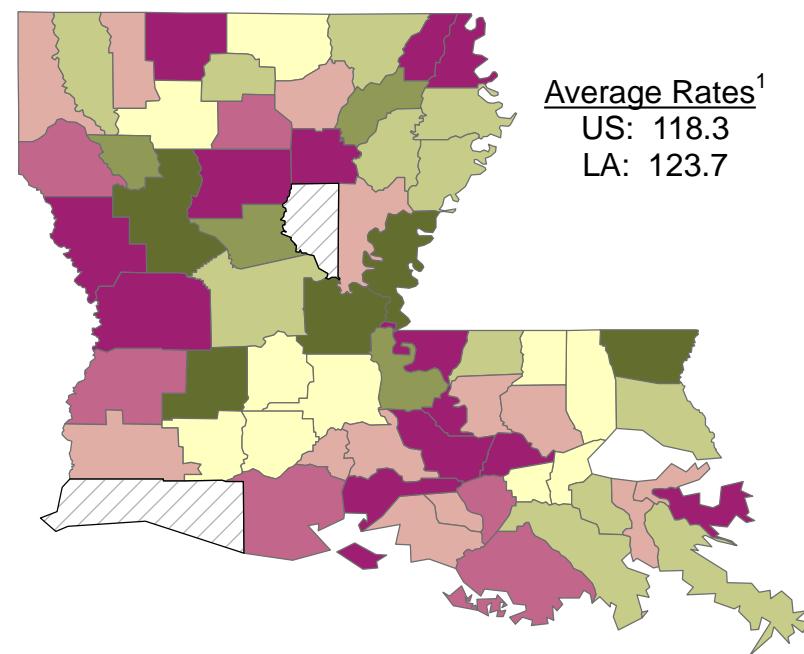


Average Rates<sup>1</sup>

US: 132.5

LA: 121.6

*Black Females*

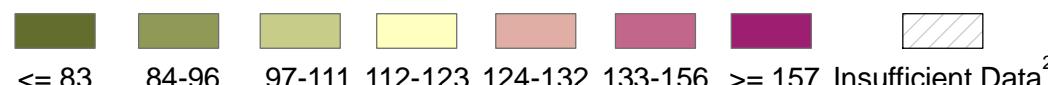


Average Rates<sup>1</sup>

US: 118.3

LA: 123.7

Average Annual Rate<sup>1</sup> per 100,000

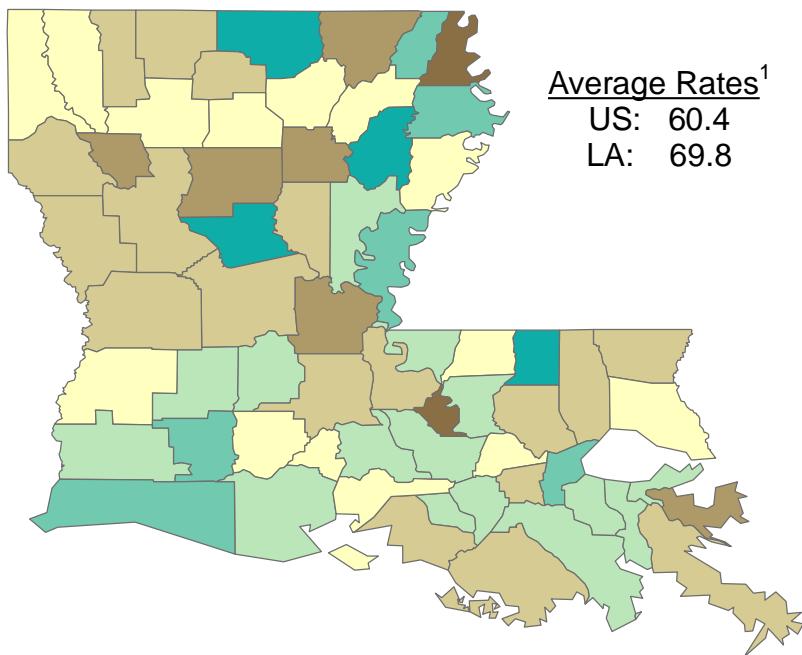


<sup>1</sup>Age-adjusted to 2000 US population

<sup>2</sup>The number of breast cancers diagnosed 2000-2004 averaged one or less per year.

Figure 2. Colorectal Cancer Incidence Rates<sup>1</sup>  
Louisiana, 2000-2004

*White Males*

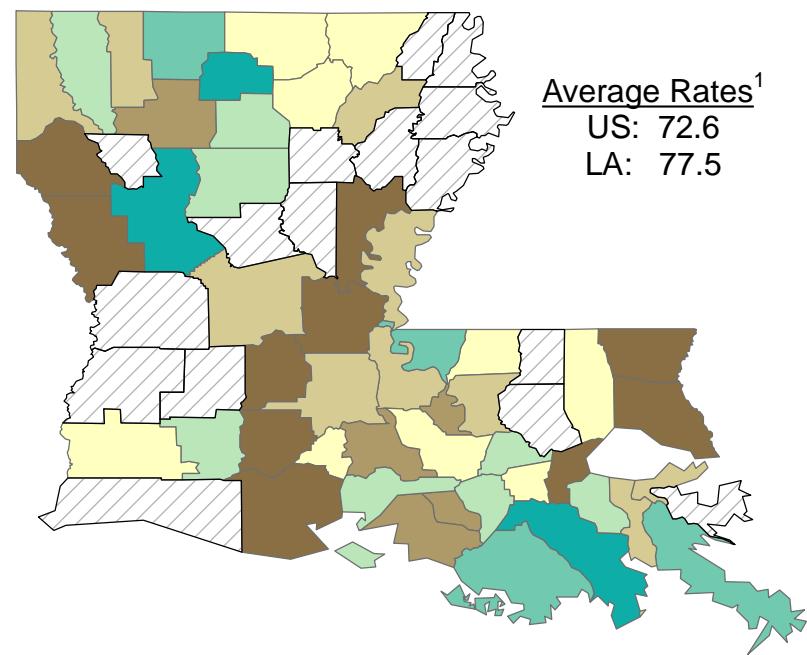


Average Rates<sup>1</sup>

US: 60.4

LA: 69.8

*Black Males*



Average Rates<sup>1</sup>

US: 72.6

LA: 77.5

Average Annual Rate<sup>1</sup> per 100,000

<= 45

46-55

56-66

67-76

77-88

89-98

99-152

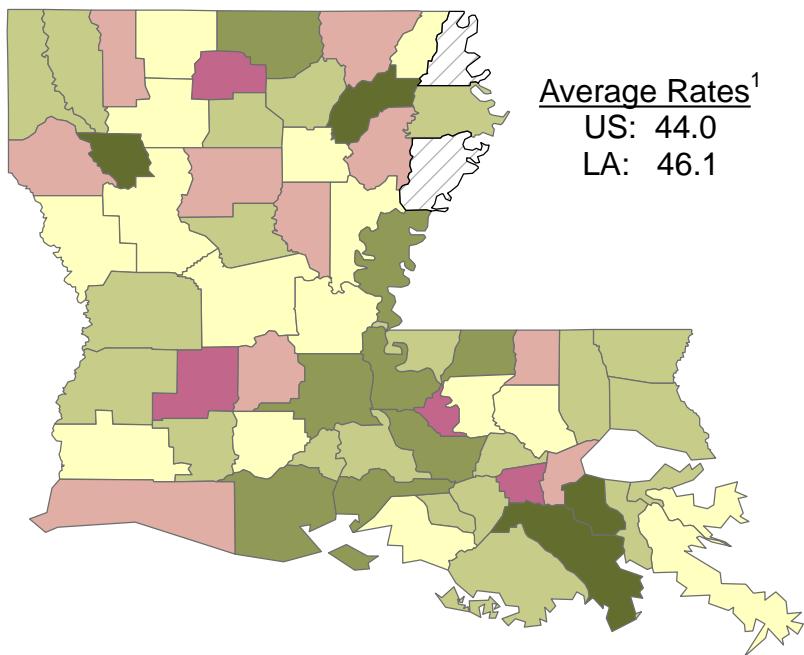
Insufficient Data<sup>2</sup>

<sup>1</sup>Age-adjusted to 2000 US population

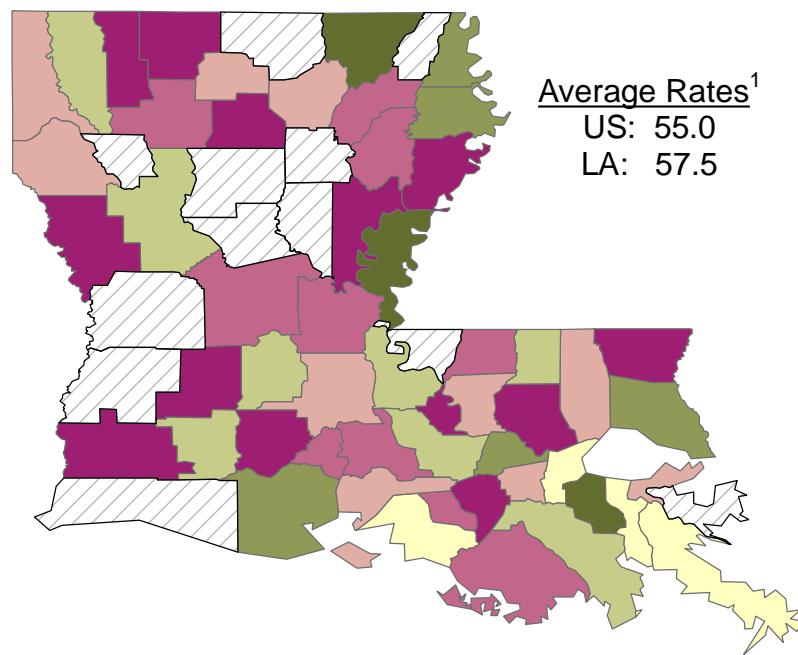
<sup>2</sup>The number of male colorectal cancers diagnosed 2000-2004 averaged one or less per year.

Figure 3. Colorectal Cancer Incidence Rates<sup>1</sup>  
Louisiana, 2000-2004

*White Females*



*Black Females*



Average Annual Rate<sup>1</sup> per 100,000

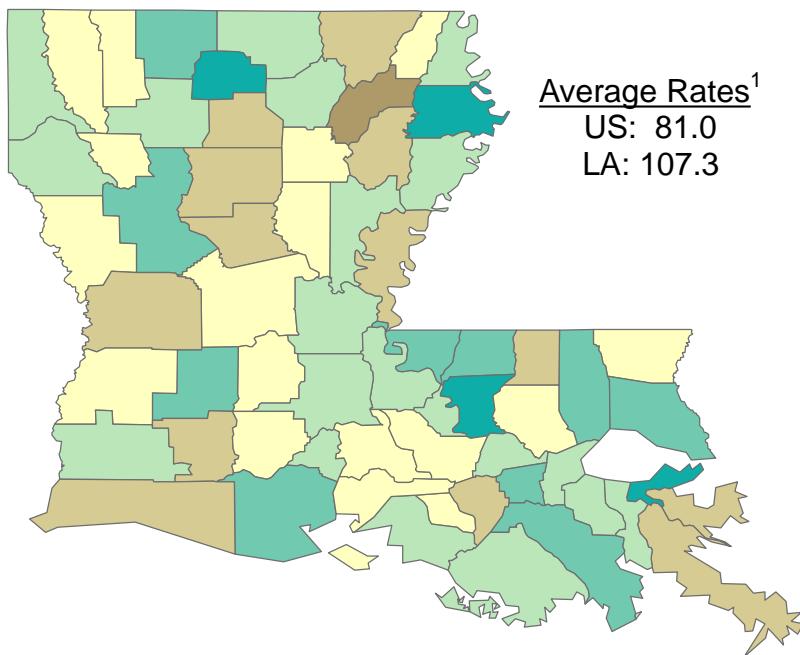


<sup>1</sup>Age-adjusted to 2000 US population

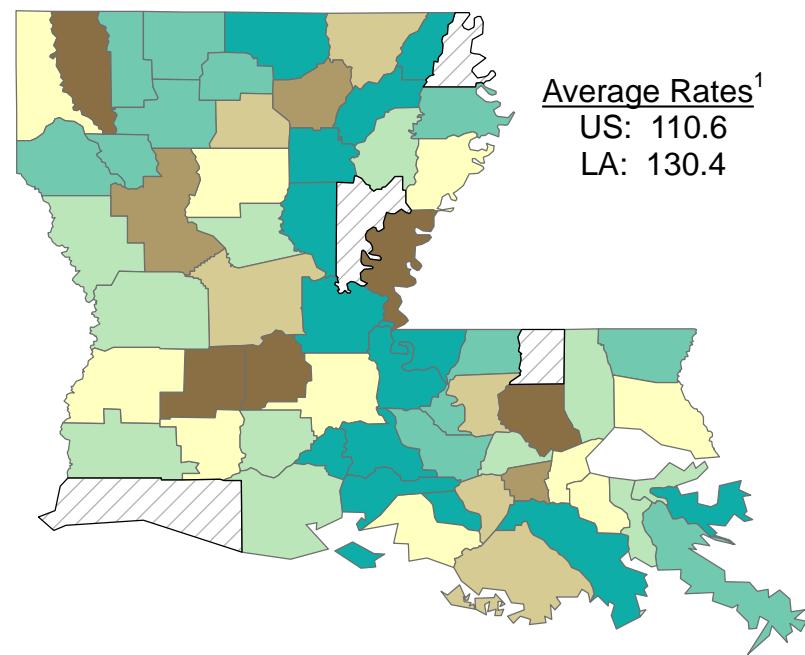
<sup>2</sup>The number of female colorectal cancers diagnosed 2000-2004 averaged one or less per year.

## Figure 4. Lung Cancer Incidence Rates<sup>1</sup> Louisiana, 2000-2004

## *White Males*



### *Black Males*



### Average Annual Rate<sup>1</sup> per 100,000

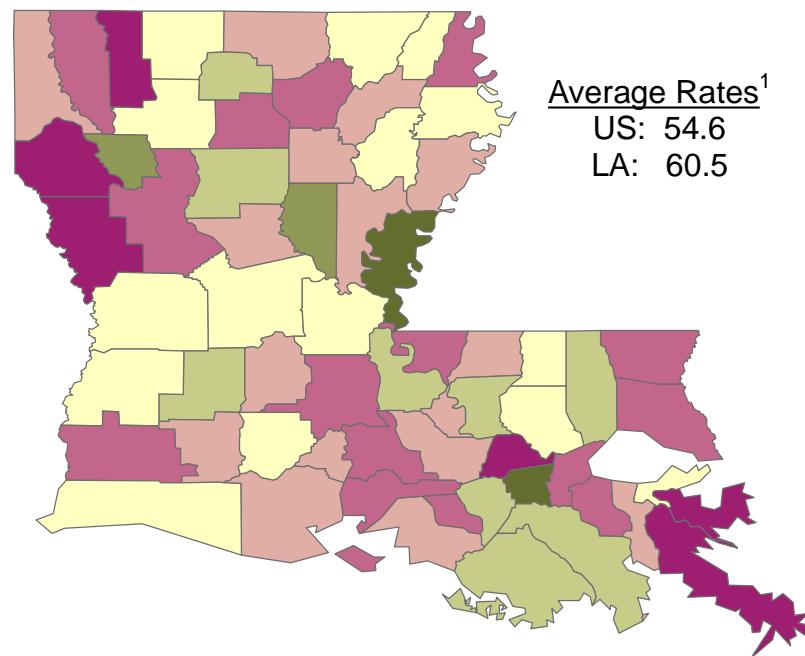


<sup>1</sup>Age-adjusted to 2000 US population

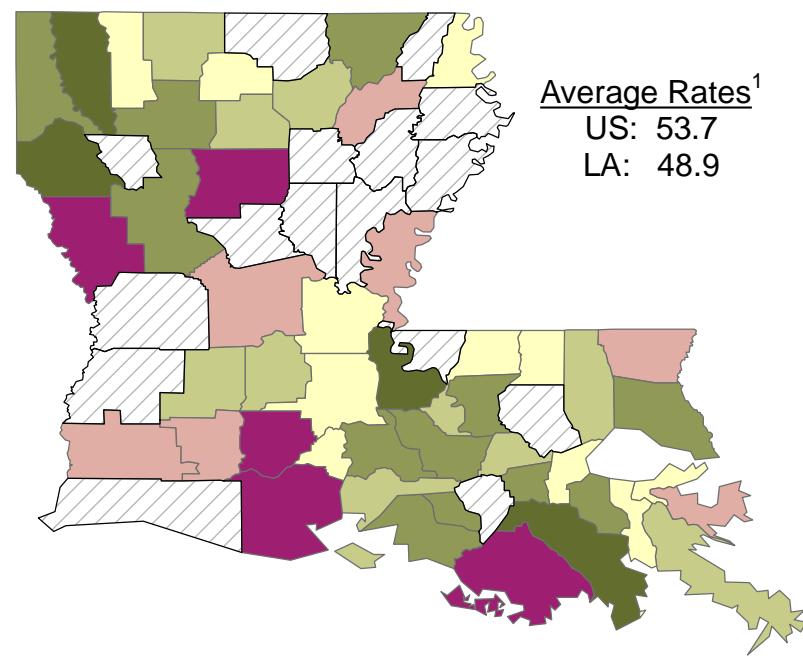
<sup>2</sup>The number of male lung cancers diagnosed 2000-2004 averaged one or less per year.

Figure 5. Lung Cancer Incidence Rates<sup>1</sup>  
Louisiana, 2000-2004

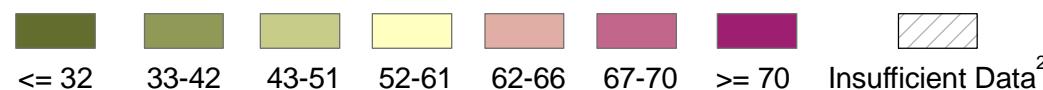
*White Females*



*Black Females*



Average Annual Rates<sup>1</sup> per 100,000

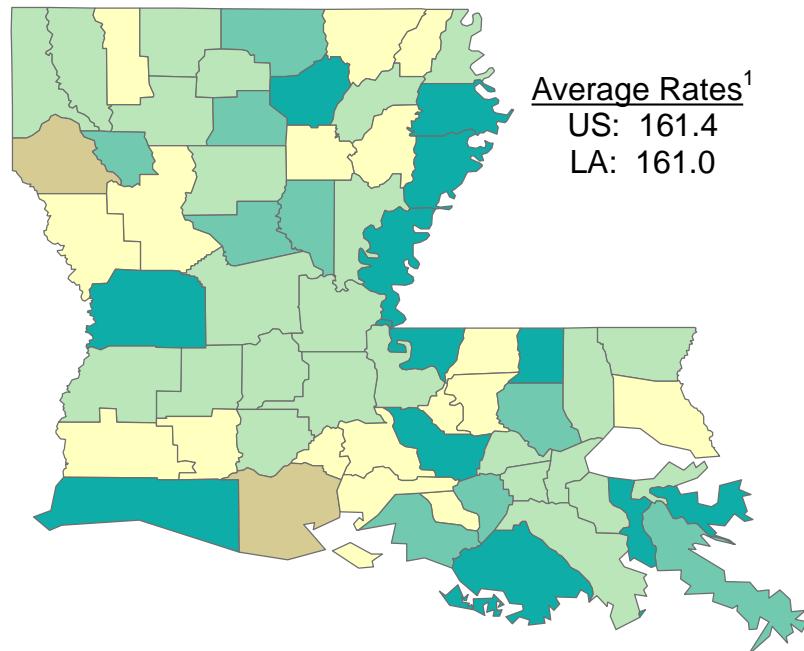


<sup>1</sup>Age-adjusted to 2000 US population

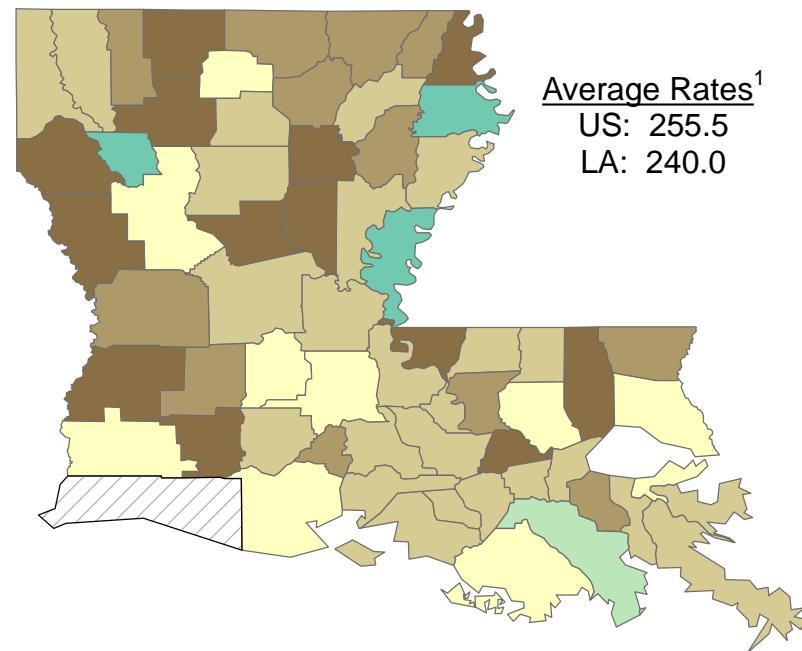
<sup>2</sup>The number of female lung cancers diagnosed 2000-2004 averaged one or less per year.

Figure 6. Prostate Cancer Incidence Rates<sup>1</sup>  
Louisiana, 2000-2004

*White Males*



*Black Males*



Average Annual Rate<sup>1</sup> per 100,000

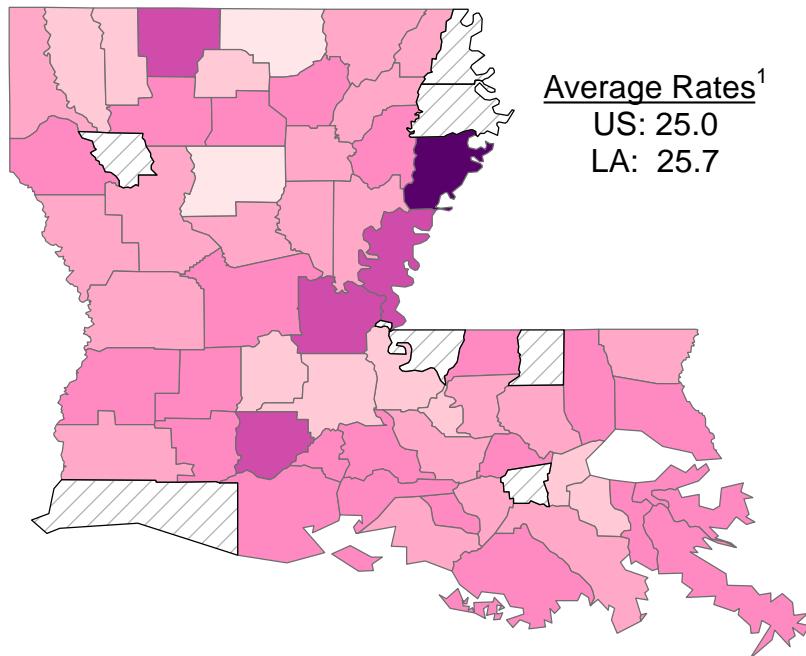


<sup>1</sup>Age-adjusted to 2000 US population

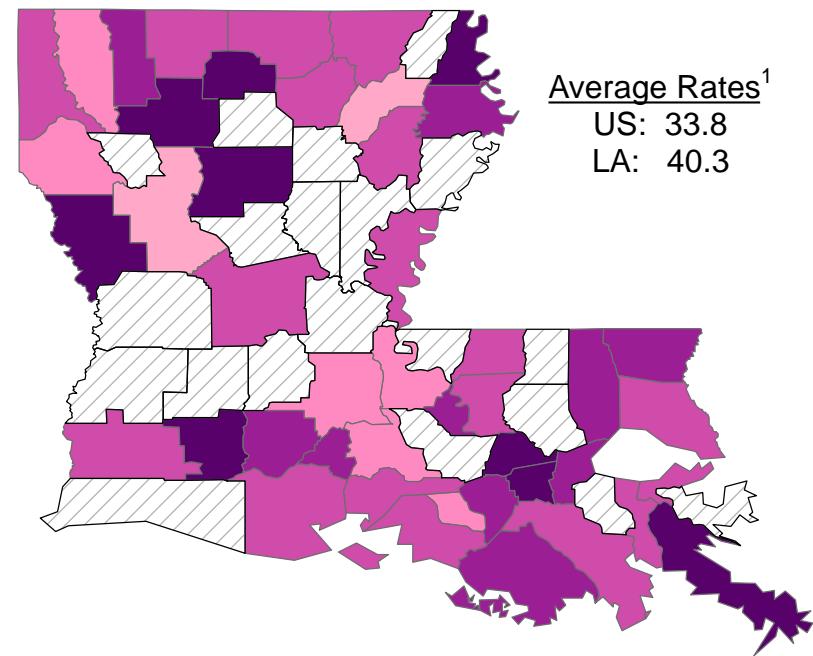
<sup>2</sup>The number of prostate cancers diagnosed 2000-2004 averaged one or less per year.

Figure 7. Breast Cancer Mortality Rates<sup>1</sup>  
Louisiana, 2000-2004

*White Females*



*Black Females*



Average Annual Rate<sup>1</sup> per 100,000

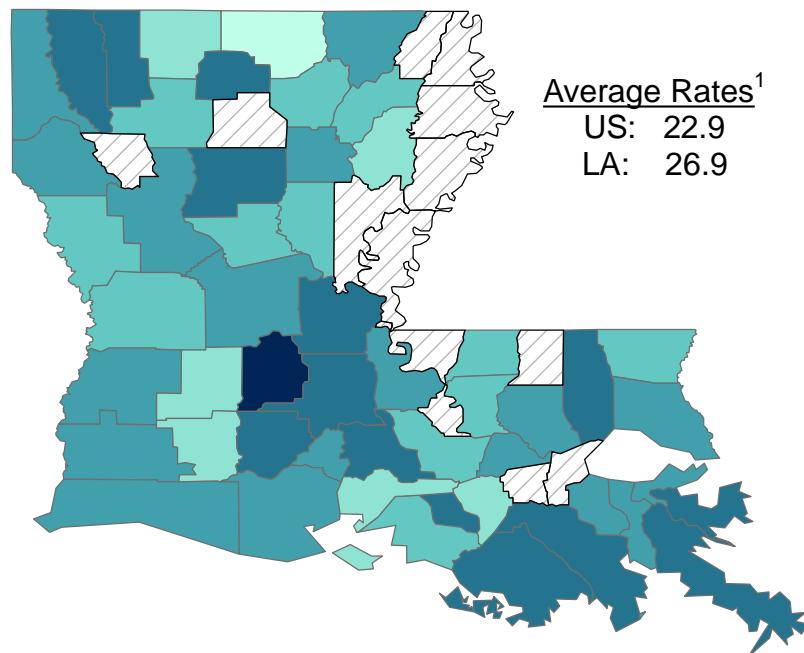


<sup>1</sup>Age-adjusted to 2000 US population

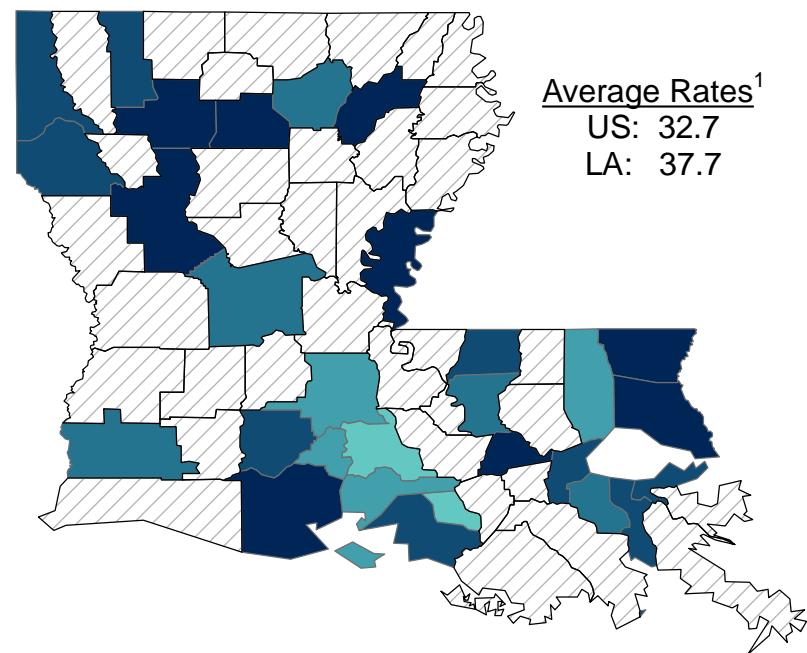
<sup>2</sup>The number of deaths in women attributable to breast cancer averaged one or less per year.

Figure 8. Colorectal Cancer Mortality Rates<sup>1</sup>  
Louisiana, 2000-2004

*White Males*



*Black Males*



Average Annual Rate<sup>1</sup> per 100,000

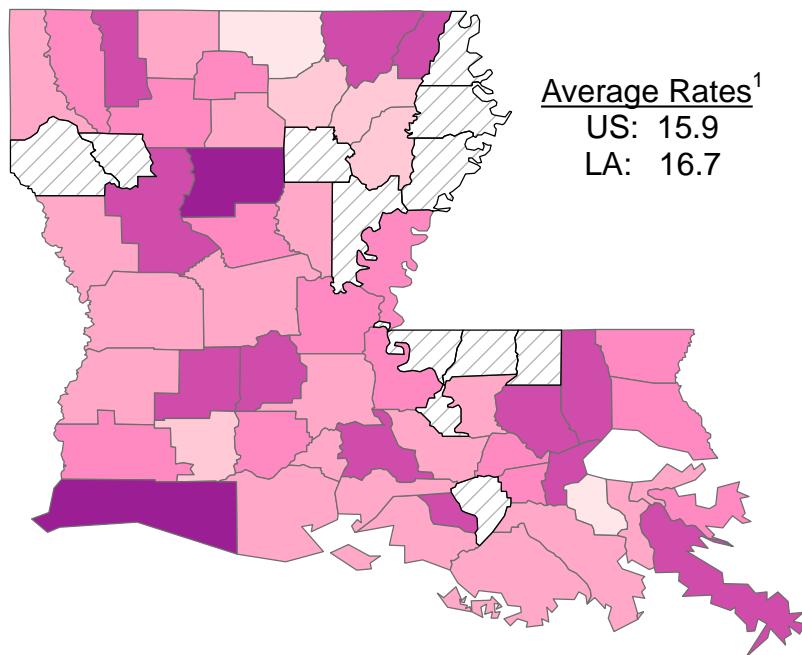


<sup>1</sup>Age-adjusted to 2000 US population

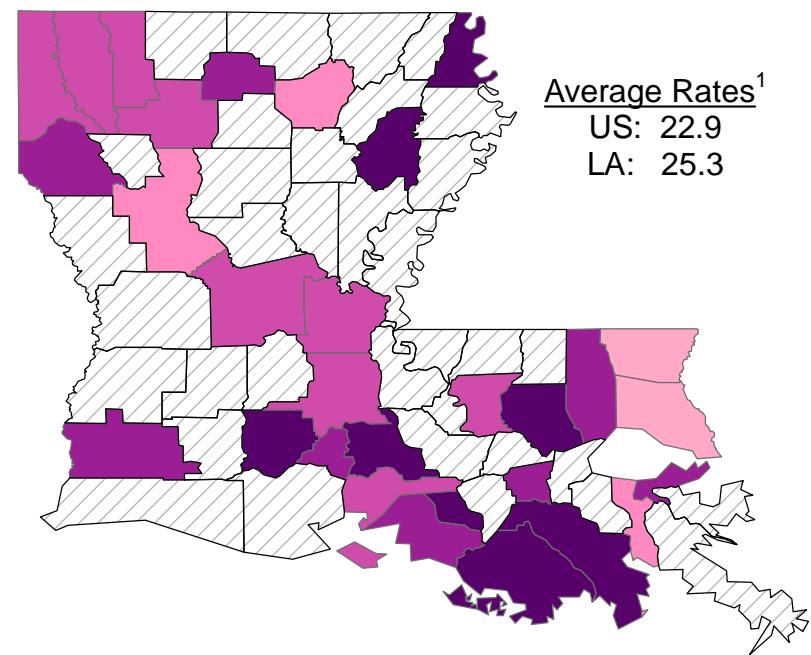
<sup>2</sup>The number of deaths in men attributable to colorectal cancer averaged one or less per year.

Figure 9. Colorectal Cancer Mortality Rates<sup>1</sup>  
Louisiana, 2000-2004

*White Females*



*Black Females*



Average Annual Rate<sup>1</sup> per 100,000

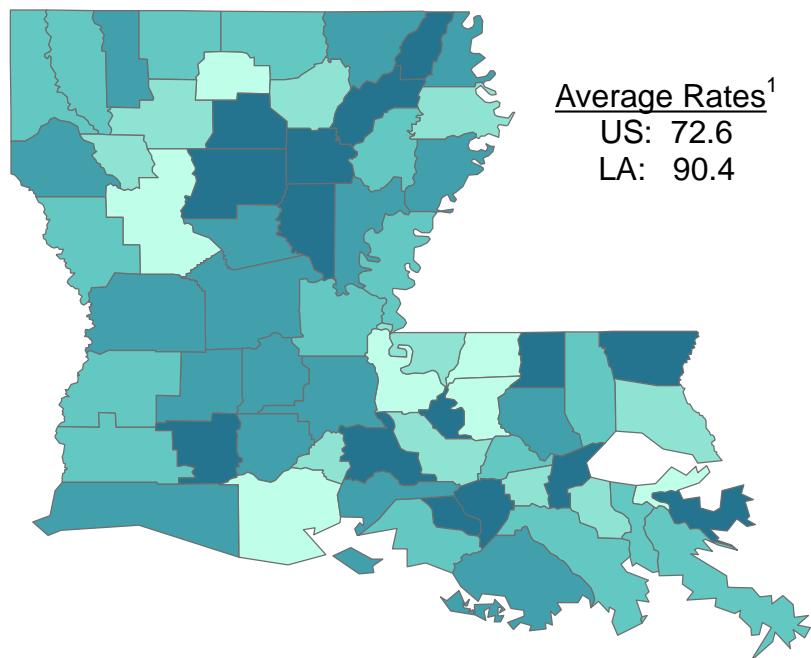


<sup>1</sup>Age-adjusted to 2000 US population

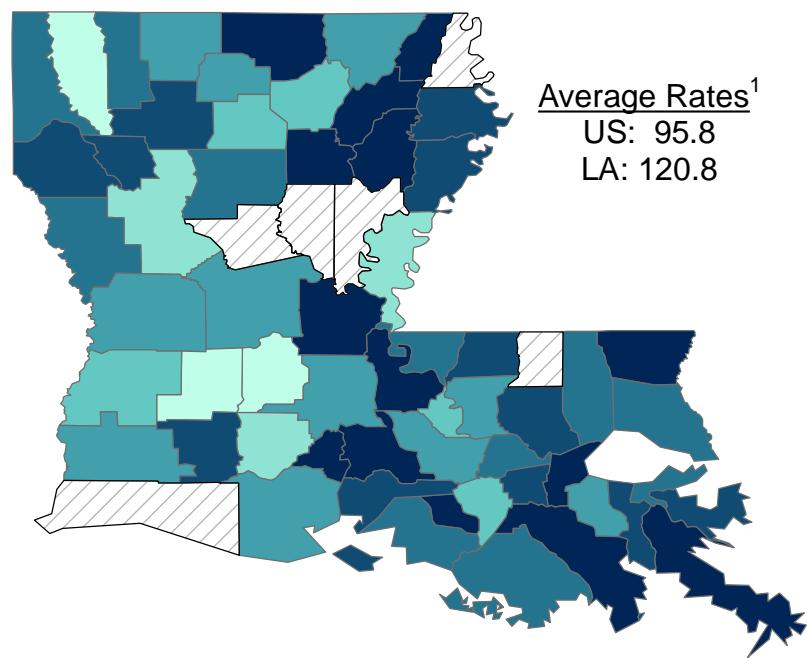
<sup>2</sup>The number of deaths in women attributable to colorectal cancer averaged one or less per year.

## Figure 10. Lung Cancer Mortality Rates<sup>1</sup> Louisiana, 2000-2004

## *White Males*



## *Black Males*



### Average Annual Rate<sup>1</sup> per 100,000

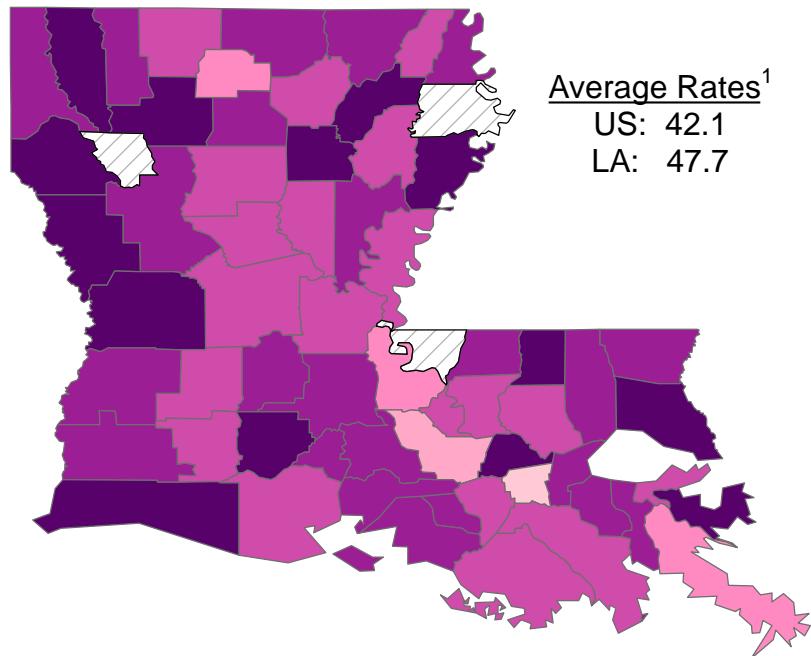


<sup>1</sup>Age-adjusted to 2000 US population

<sup>2</sup>The number of deaths in men attributable to lung cancer averaged one or less per year.

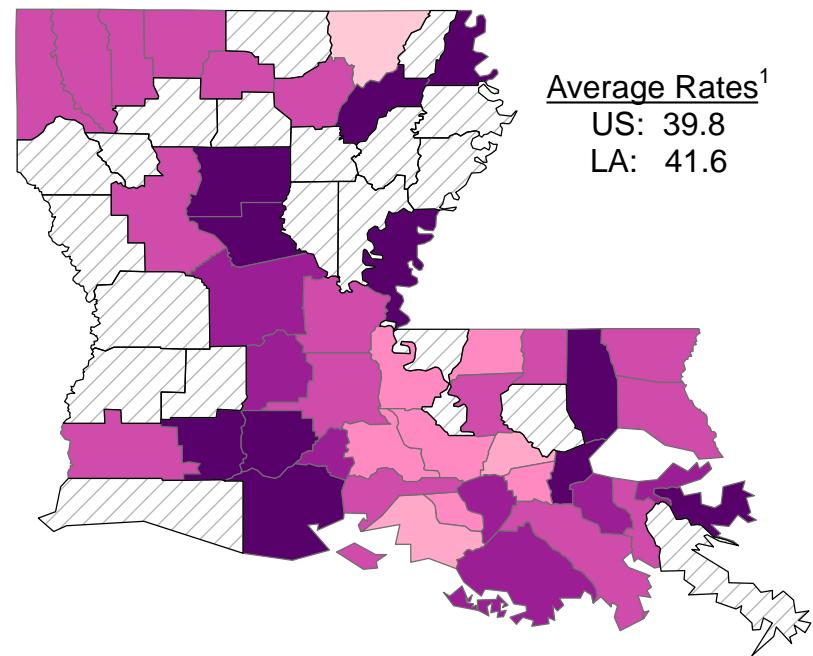
Figure 11. Lung Cancer Mortality Rates<sup>1</sup>  
Louisiana, 2000-2004

*White Females*



Average Rates<sup>1</sup>  
US: 42.1  
LA: 47.7

*Black Females*



Average Rates<sup>1</sup>  
US: 39.8  
LA: 41.6

Average Annual Rate<sup>1</sup> per 100,000

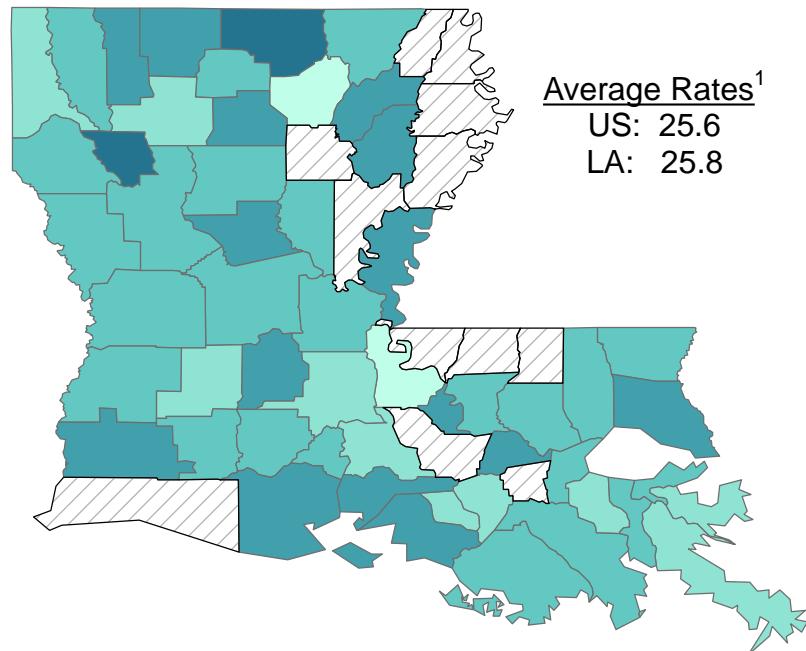


<sup>1</sup>Age-adjusted to 2000 US population

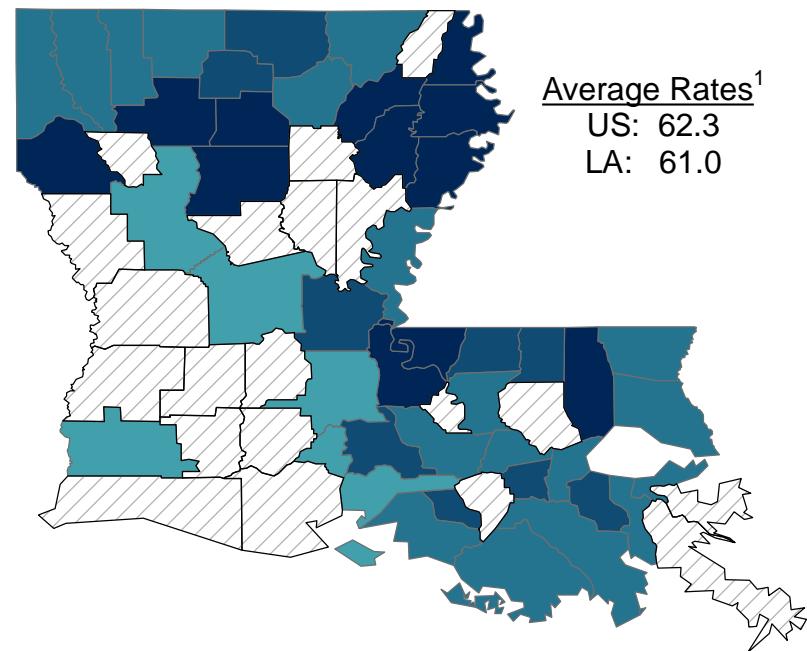
<sup>2</sup>The number of deaths in women attributable to lung cancer averaged one or less per year.

Figure 12. Prostate Cancer Mortality Rates<sup>1</sup>  
Louisiana, 2000-2004

*White Males*



*Black Males*



Average Annual Rate<sup>1</sup> per 100,000



<sup>1</sup>Age-adjusted to 2000 US population

<sup>2</sup>The number of deaths attributable to prostate cancer averaged one or less per year.

# Incidence Tables

**TABLE A1.** NUMBER OF CANCER CASES (5 YEARS COMBINED) BY PRIMARY SITE, RACE AND SEX, 2000-2004, LOUISIANA

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	105082	56730	48352	76165	41110	35055	27889	15012	12877
Oral Cavity and Pharynx-----	2619	1901	718	1916	1369	547	680	516	164
Lip-----	159	126	33	153	122	31	5	4	1
Tongue-----	613	435	178	489	338	151	121	95	26
Salivary Gland-----	255	162	93	189	129	60	64	32	32
Floor of Mouth-----	214	163	51	153	112	41	61	51	10
Gum and Other Mouth-----	440	274	166	322	200	122	113	73	40
Nasopharynx-----	161	115	46	89	56	33	62	49	13
Tonsil-----	378	306	72	271	219	52	105	85	20
Oropharynx-----	104	79	25	60	43	17	44	36	8
Hypopharynx-----	213	175	38	141	110	31	72	65	7
Other-----	82	66	16	49	40	9	33	26	7
Digestive System-----	20845	11336	9509	14397	7991	6406	6230	3215	3015
Esophagus-----	1072	833	239	734	580	154	331	247	84
Stomach-----	1780	1065	715	982	620	362	772	432	340
Small Intestine-----	446	233	213	281	151	130	159	79	80
Colon and Rectum-----	12444	6465	5979	8886	4745	4141	3460	1663	1797
Colon -----	9069	4554	4515	6388	3287	3101	2614	1233	1381
Rectum and Rectosigmoid Junction-----	3375	1911	1464	2498	1458	1040	846	430	416
Anus, Anal Canal and Anorectum-----	309	132	177	238	98	140	66	30	36
Liver and Intrahepatic Bile Duct-----	1345	976	369	893	640	253	412	303	109
Liver-----	1260	938	322	835	614	221	388	292	96
Intrahepatic Bile Duct-----	85	38	47	58	26	32	24	11	13
Gallbladder-----	240	79	161	147	52	95	86	26	60
Other Biliary Tract-----	307	146	161	231	109	122	71	34	37
Pancreas-----	2723	1350	1373	1873	954	919	828	387	441
Retroperitoneum-----	54	25	29	44	23	21	10	2	8
Peritoneum, Omentum and Mesentery-----	62	3	59	51	3	48	10	0	10
Other-----	63	29	34	37	16	21	25	12	13
Respiratory System-----	18728	11448	7280	13770	8169	5601	4847	3220	1627
Nose, Nasal Cavity and Middle Ear-----	156	98	58	109	70	39	46	28	18
Larynx-----	1312	1048	264	866	677	189	439	367	72
Lung and Bronchus-----	17206	10267	6939	12751	7393	5358	4352	2819	1533
Pleura-----	5	4	1	4	4	0	1	0	1
Trachea and Other-----	49	31	18	40	25	15	9	6	3
Bones and Joints-----	183	89	94	126	57	69	54	30	24
Soft Tissue (Incl. heart)-----	737	379	358	517	285	232	210	87	123
Skin (Excl. basal and squamous)-----	2661	1543	1118	2467	1451	1016	124	58	66
Melanoma of the Skin-----	2351	1366	985	2224	1308	916	64	27	37
Other Non-Epithelial Skin-----	310	177	133	243	143	100	60	31	29
Breast-----	14640	113	14527	10431	73	10358	4112	38	4074

Female Genital System-----	5109	-	5109	3555	-	3555	1502	-	1502
Cervix Uteri-----	1140	-	1140	638	-	638	487	-	487
Corpus and Uterus, NOS-----	2058	-	2058	1474	-	1474	560	-	560
Corpus Uteri-----	1986	-	1986	1429	-	1429	533	-	533
Uterus, NOS-----	72	-	72	45	-	45	27	-	27
Ovary-----	1436	-	1436	1099	-	1099	326	-	326
Vagina-----	98	-	98	66	-	66	32	-	32
Vulva-----	326	-	326	248	-	248	76	-	76
Other-----	51	-	51	30	-	30	21	-	21
Male Genital System-----	17092	17092	-	11728	11728	-	5118	5118	-
Prostate-----	16486	16486	-	11213	11213	-	5032	5032	-
Testis-----	493	493	-	440	440	-	50	50	-
Penis-----	99	99	-	65	65	-	33	33	-
Other-----	14	14	-	10	10	-	3	3	-
Urinary System-----	7789	5303	2486	6266	4351	1915	1472	919	553
Urinary Bladder (Incl. In Situ)-----	4106	3068	1038	3485	2657	828	589	389	200
Kidney and Renal Pelvis-----	3484	2106	1378	2613	1580	1033	854	516	338
Ureter-----	144	100	44	127	90	37	16	9	7
Other-----	55	29	26	41	24	17	13	5	8
Eye and Orbit-----	158	92	66	136	79	57	20	11	9
Brain and Nervous System-----	1285	730	555	1007	578	429	267	145	122
Brain-----	1217	695	522	956	551	405	250	137	113
Cranial Nerves and Other NS-----	68	35	33	51	27	24	17	8	9
Endocrine System-----	1725	442	1283	1376	366	1010	327	68	259
Thyroid-----	1575	372	1203	1277	319	958	278	46	232
Thymus and Other Endocrine-----	150	70	80	99	47	52	49	22	27
Lymphoma-----	4668	2448	2220	3703	1935	1768	912	485	427
Hodgkin Lymphoma-----	608	328	280	469	255	214	130	69	61
Non-Hodgkin lymphoma-----	4060	2120	1940	3234	1680	1554	782	416	366
Myeloma-----	1383	764	619	759	423	336	613	333	280
Leukemia-----	2637	1495	1142	2024	1163	861	588	322	266
Lymphocytic-----	1202	716	486	947	565	382	247	148	99
Acute Lymphocytic -----	267	159	108	193	120	73	71	39	32
Chronic Lymphocytic-----	834	487	347	666	383	283	163	101	62
Other-----	101	70	31	88	62	26	13	8	5
Myeloid and Monocytic Leukemia-----	1193	645	548	916	507	409	266	133	133
Acute Myeloid Leukemia-----	758	410	348	591	329	262	163	79	84
Acute Monocytic Leukemia-----	45	19	26	37	15	22	8	4	4
Chronic Myeloid Leukemia-----	345	195	150	259	150	109	80	42	38
Other Myeloid/Monocytic Leukemia---	45	21	24	29	13	16	15	8	7
Other Leukemia-----	242	134	108	161	91	70	75	41	34
Other Acute Leukemia-----	98	50	48	68	34	34	25	14	11
Alekemic, Subalekemic and NOS-----	144	84	60	93	57	36	50	27	23
Mesothelioma-----	277	223	54	235	192	43	41	30	11
Kaposi Sarcoma-----	112	90	22	71	52	19	38	35	3
Ill-Defined and Unknown Sites-----	2434	1242	1192	1681	848	833	734	382	352
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	2622	22	2600	1943	18	1925	655	4	651

- Not applicable

**TABLE A2.** PERCENT DISTRIBUTION OF CANCER CASES BY PRIMARY SITE, RACE AND SEX, 2000-2004, LOUISIANA

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
<b>INVASIVE CANCERS</b>									
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-----	2.5	3.4	1.5	2.5	3.3	1.6	2.4	3.4	1.3
Lip-----	0.2	0.2	0.1	0.2	0.3	0.1	0.0	0.0	0.0
Tongue-----	0.6	0.8	0.4	0.6	0.8	0.4	0.4	0.6	0.2
Salivary Gland-----	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2
Floor of Mouth-----	0.2	0.3	0.1	0.2	0.3	0.1	0.2	0.3	0.1
Gum and Other Mouth-----	0.4	0.5	0.3	0.4	0.5	0.3	0.4	0.5	0.3
Nasopharynx-----	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.1
Tonsil-----	0.4	0.5	0.1	0.4	0.5	0.1	0.4	0.6	0.2
Oropharynx-----	0.1	0.1	0.1	0.1	0.1	0.0	0.2	0.2	0.1
Hypopharynx-----	0.2	0.3	0.1	0.2	0.3	0.1	0.3	0.4	0.1
Other-----	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.2	0.1
Digestive System-----	19.8	20.0	19.7	18.9	19.4	18.3	22.3	21.4	23.4
Esophagus-----	1.0	1.5	0.5	1.0	1.4	0.4	1.2	1.6	0.7
Stomach-----	1.7	1.9	1.5	1.3	1.5	1.0	2.8	2.9	2.6
Small Intestine-----	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.5	0.6
Colon and Rectum-----	11.8	11.4	12.4	11.7	11.5	11.8	12.4	11.1	14.0
Colon -----	8.6	8.0	9.3	8.4	8.0	8.8	9.4	8.2	10.7
Rectum and Rectosigmoid Junction-----	3.2	3.4	3.0	3.3	3.5	3.0	3.0	2.9	3.2
Anus, Anal Canal and Anorectum-----	0.3	0.2	0.4	0.3	0.2	0.4	0.2	0.2	0.3
Liver and Intrahepatic Bile Duct-----	1.3	1.7	0.8	1.2	1.6	0.7	1.5	2.0	0.8
Liver-----	1.2	1.7	0.7	1.1	1.5	0.6	1.4	1.9	0.7
Intrahepatic Bile Duct-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Gallbladder-----	0.2	0.1	0.3	0.2	0.1	0.3	0.3	0.2	0.5
Other Biliary Tract-----	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
Pancreas-----	2.6	2.4	2.8	2.5	2.3	2.6	3.0	2.6	3.4
Retroperitoneum-----	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1
Peritoneum, Omentum and Mesentery-----	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1
Other-----	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1
Respiratory System-----	17.8	20.2	15.1	18.1	19.9	16.0	17.4	21.4	12.6
Nose, Nasal Cavity and Middle Ear-----	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1
Larynx-----	1.2	1.8	0.5	1.1	1.6	0.5	1.6	2.4	0.6
Lung and Bronchus-----	16.4	18.1	14.4	16.7	18.0	15.3	15.6	18.8	11.9
Pleura-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trachea and Other-----	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Bones and Joints-----	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2
Soft Tissue (Incl. heart)-----	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.6	1.0
Skin (Excl. basal and squamous)-----	2.5	2.7	2.3	3.2	3.5	2.9	0.4	0.4	0.5
Melanoma of the Skin-----	2.2	2.4	2.0	2.9	3.2	2.6	0.2	0.2	0.3
Other Non-Epithelial Skin-----	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
Breast-----	13.9	0.2	30.0	13.7	0.2	29.5	14.7	0.3	31.6

Female Genital System-----	4.9	-	10.6	4.7	-	10.1	5.4	-	11.7
Cervix Uteri-----	1.1	-	2.4	0.8	-	1.8	1.7	-	3.8
Corpus and Uterus, NOS-----	2.0	-	4.3	1.9	-	4.2	2.0	-	4.3
Corpus Uteri-----	1.9	-	4.1	1.9	-	4.1	1.9	-	4.1
Uterus, NOS-----	0.1	-	0.1	0.1	-	0.1	0.1	-	0.2
Ovary-----	1.4	-	3.0	1.4	-	3.1	1.2	-	2.5
Vagina-----	0.1	-	0.2	0.1	-	0.2	0.1	-	0.2
Vulva-----	0.3	-	0.7	0.3	-	0.7	0.3	-	0.6
Other-----	0.0	-	0.1	0.0	-	0.1	0.1	-	0.2
Male Genital System-----	16.3	30.1	-	15.4	-	-	18.4	34.1	-
Prostate-----	15.7	29.1	-	14.7	27.3	-	18.0	33.5	-
Testis-----	0.5	0.9	-	0.6	1.1	-	0.2	0.3	-
Penis-----	0.1	0.2	-	0.1	0.2	-	0.1	0.2	-
Other-----	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
Urinary System-----	7.4	9.3	5.1	8.2	10.6	5.5	5.3	6.1	4.3
Urinary Bladder (Incl. In Situ)-----	3.9	5.4	2.1	4.6	6.5	2.4	2.1	2.6	1.6
Kidney and Renal Pelvis-----	3.3	3.7	2.8	3.4	3.8	2.9	3.1	3.4	2.6
Ureter-----	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1
Other-----	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1
Eye and Orbit-----	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1
Brain and Nervous System-----	1.2	1.3	1.1	1.3	1.4	1.2	1.0	1.0	0.9
Brain-----	1.2	1.2	1.1	1.3	1.3	1.2	0.9	0.9	0.9
Cranial Nerves and Other NS-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Endocrine System-----	1.6	0.8	2.7	1.8	0.9	2.9	1.2	0.5	2.0
Thyroid-----	1.5	0.7	2.5	1.7	0.8	2.7	1.0	0.3	1.8
Thymus and Other Endocrine-----	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2
Lymphoma-----	4.4	4.3	4.6	4.9	4.7	5.0	3.3	3.2	3.3
Hodgkin Lymphoma-----	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
Non-Hodgkin lymphoma-----	3.9	3.7	4.0	4.2	4.1	4.4	2.8	2.8	2.8
Myeloma-----	1.3	1.3	1.3	1.0	1.0	1.0	2.2	2.2	2.2
Leukemia-----	2.5	2.6	2.4	2.7	2.8	2.5	2.1	2.1	2.1
Lymphocytic-----	1.1	1.3	1.0	1.2	1.4	1.1	0.9	1.0	0.8
Acute Lymphocytic -----	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2
Chronic Lymphocytic-----	0.8	0.9	0.7	0.9	0.9	0.8	0.6	0.7	0.5
Other-----	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.0
Myeloid and Monocytic Leukemia-----	1.1	1.1	1.1	1.2	1.2	1.2	1.0	0.9	1.0
Acute Myeloid Leukemia-----	0.7	0.7	0.7	0.8	0.8	0.7	0.6	0.5	0.7
Acute Monocytic Leukemia-----	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Chronic Myeloid Leukemia-----	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3
Other Myeloid/Monocytic Leukemia---	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Other Leukemia-----	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
Other Acute Leukemia-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Aleukemic, Subleukemic and NOS-----	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Mesothelioma-----	0.3	0.4	0.1	0.3	0.5	0.1	0.1	0.2	0.1
Kaposi Sarcoma-----	0.1	0.2	0.0	0.1	0.1	0.1	0.1	0.2	0.0
Ill-Defined and Unknown Sites-----	2.3	2.2	2.5	2.2	2.1	2.4	2.6	2.5	2.7

- Not applicable

**TABLE B.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY PRIMARY SITE, RACE AND SEX, 2000-2004, LOUISIANA

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	489.1	615.7	402.5	483.5	596.3	406.4	512.2	687.0	399.6
Oral Cavity and Pharynx-----	12.0	19.3	5.9	12.1	18.9	6.3	11.8	20.9	5.0
Lip-----	0.7	1.3	0.3	1.0	1.7	0.3	-	-	-
Tongue-----	2.8	4.4	1.5	3.1	4.7	1.7	2.0	3.6	0.8
Salivary Gland-----	1.2	1.8	0.8	1.2	1.9	0.7	1.1	1.5	0.9
Floor of Mouth-----	1.0	1.6	0.4	1.0	1.5	0.5	1.0	1.9	0.3
Gum and Other Mouth-----	2.0	2.9	1.4	2.0	2.8	1.4	2.0	3.1	1.3
Nasopharynx-----	0.7	1.1	0.4	0.6	0.8	0.4	1.0	1.9	0.4
Tonsil-----	1.7	2.9	0.6	1.7	2.9	0.6	1.7	3.1	0.6
Oropharynx-----	0.5	0.8	0.2	0.4	0.6	0.2	0.8	1.5	0.2
Hypopharynx-----	1.0	1.8	0.3	0.9	1.5	0.4	1.3	2.9	0.2
Other-----	0.4	0.7	0.1	0.3	0.6	0.1	0.6	1.1	0.2
Digestive System-----	97.7	124.2	77.8	91.3	117.1	71.3	117.8	148.3	96.7
Esophagus-----	5.0	8.8	2.0	4.6	8.2	1.7	6.0	10.7	2.7
Stomach-----	8.4	11.9	5.8	6.2	9.2	4.0	15.0	21.1	11.0
Small Intestine-----	2.1	2.5	1.8	1.8	2.2	1.5	2.9	3.6	2.5
Colon and Rectum-----	58.4	71.3	48.9	56.3	69.8	46.1	65.5	77.5	57.5
Colon -----	42.7	51.1	36.8	40.5	49.1	34.3	49.9	58.5	44.3
Rectum and Rectosigmoid Junction---	15.7	20.3	12.1	15.8	20.7	11.9	15.6	19.0	13.2
Anus, Anal Canal and Anorectum-----	1.4	1.3	1.5	1.5	1.3	1.6	1.2	1.2	1.1
Liver and Intrahepatic Bile Duct-----	6.2	10.2	3.0	5.7	9.2	2.8	7.3	12.4	3.4
Liver-----	5.8	9.8	2.7	5.3	8.8	2.5	6.8	11.8	3.0
Intrahepatic Bile Duct-----	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.4
Gallbladder-----	1.1	0.9	1.3	0.9	0.8	1.0	1.7	1.3	1.9
Other Biliary Tract-----	1.5	1.8	1.3	1.5	1.7	1.3	1.4	1.8	1.2
Pancreas-----	12.8	14.9	11.2	11.9	14.1	10.1	16.1	18.1	14.4
Retroperitoneum-----	0.2	0.3	0.2	0.3	0.3	0.3	0.2	-	0.2
Peritoneum, Omentum and Mesentery-----	0.3	-	0.5	0.3	-	0.6	0.2	-	0.3
Other-----	0.3	0.3	0.3	0.2	0.2	0.2	0.5	0.6	0.4
Respiratory System-----	87.3	124.4	60.2	86.6	118.1	63.4	90.3	147.3	51.7
Nose, Nasal Cavity and Middle Ear-----	0.7	1.0	0.5	0.7	1.0	0.5	0.8	1.1	0.5
Larynx-----	6.0	10.7	2.2	5.4	9.4	2.2	7.8	15.6	2.2
Lung and Bronchus-----	80.3	112.3	57.4	80.2	107.3	60.5	81.6	130.4	48.9
Pleura-----	-	-	-	-	-	-	-	-	-
Trachea and Other-----	0.2	0.3	0.2	0.3	0.4	0.2	0.1	0.2	-
Bones and Joints-----	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.7
Soft Tissue (Incl. heart)-----	3.4	3.9	3.0	3.4	4.1	2.8	3.4	3.1	3.5
Skin (Excl. basal and squamous)-----	12.3	16.5	9.4	15.9	21.0	12.3	2.2	2.4	2.0
Melanoma of the Skin-----	10.9	14.6	8.3	14.4	18.8	11.2	1.2	1.3	1.2
Other Non-Epithelial Skin-----	1.5	2.0	1.1	1.6	2.2	1.1	1.0	1.1	0.9
Breast-----	67.7	1.3	122.0	66.4	1.1	121.6	71.8	1.8	123.7

Female Genital System-----	23.7	-	43.1	22.9	-	42.6	26.6	-	46.0
Cervix Uteri-----	5.3	-	10.0	4.3	-	8.4	8.0	-	14.2
Corpus and Uterus, NOS-----	9.5	-	17.2	9.4	-	17.4	10.5	-	17.8
Corpus Uteri-----	9.2	-	16.6	9.1	-	16.9	10.0	-	17.0
Uterus, NOS-----	0.3	-	0.6	0.3	-	0.5	0.5	-	0.9
Ovary-----	6.7	-	12.0	7.0	-	12.8	5.9	-	10.1
Vagina-----	0.5	-	0.8	0.4	-	0.8	0.6	-	1.0
Vulva-----	1.5	-	2.7	1.6	-	2.9	1.3	-	2.3
Other-----	0.2	-	0.4	0.2	-	0.3	0.3	-	0.6
Male Genital System-----	79.4	185.5	-	73.5	168.2	-	97.4	243.0	-
Prostate-----	76.6	179.7	-	70.0	161.0	-	96.1	240.0	-
Testis-----	2.2	4.6	-	3.1	6.1	-	0.7	1.5	-
Penis-----	0.5	1.1	-	0.4	1.0	-	0.6	1.5	-
Other-----	0.1	0.2	-	0.1	0.2	-	-	-	-
Urinary System-----	36.4	58.8	20.5	39.7	64.3	21.8	27.3	42.3	17.3
Urinary Bladder (Incl. In Situ)-----	19.4	35.3	8.5	22.1	40.3	9.2	11.5	19.3	6.4
Kidney and Renal Pelvis-----	16.1	22.0	11.5	16.6	22.2	12.0	15.3	22.3	10.5
Ureter-----	0.7	1.2	0.4	0.8	1.4	0.4	0.3	0.5	0.2
Other-----	0.3	0.4	0.2	0.3	0.4	0.2	0.2	-	0.2
Eye and Orbit-----	0.7	1.0	0.6	0.9	1.2	0.7	0.3	0.4	0.2
Brain and Nervous System-----	5.9	7.4	4.7	6.6	8.3	5.4	4.2	5.2	3.5
Brain-----	5.6	7.1	4.4	6.3	7.9	5.0	4.0	5.0	3.2
Cranial Nerves and Other NS-----	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.2
Endocrine System-----	7.9	4.4	11.1	9.1	5.1	13.1	5.3	2.5	7.5
Thyroid-----	7.2	3.7	10.4	8.4	4.4	12.5	4.5	1.7	6.7
Thymus and Other Endocrine-----	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8
Lymphoma-----	21.7	25.9	18.4	23.8	28.2	20.5	15.5	18.8	12.9
Hodgkin Lymphoma-----	2.7	3.1	2.4	3.2	3.6	2.8	1.9	2.3	1.6
Non-Hodgkin lymphoma-----	18.9	22.8	16.0	20.6	24.6	17.7	13.6	16.5	11.3
Myeloma-----	6.5	8.5	5.1	4.8	6.2	3.8	11.8	16.2	9.1
Leukemia-----	12.3	16.3	9.5	13.1	17.4	10.0	10.4	13.6	8.1
Lymphocytic-----	5.6	7.7	4.0	6.1	8.4	4.4	4.4	6.3	3.0
Acute Lymphocytic -----	1.2	1.5	0.9	1.4	1.8	1.0	0.9	1.0	0.8
Chronic Lymphocytic-----	3.9	5.5	2.8	4.2	5.7	3.1	3.2	4.9	2.1
Other-----	0.5	0.7	0.3	0.6	0.9	0.3	0.2	0.3	-
Myeloid and Monocytic Leukemia-----	5.6	7.0	4.5	5.9	7.5	4.8	4.6	5.4	4.0
Acute Myeloid Leukemia-----	3.5	4.5	2.9	3.8	4.9	3.1	2.8	3.3	2.5
Acute Monocytic Leukemia-----	0.2	0.2	0.2	0.2	0.2	0.3	0.1	-	-
Chronic Myeloid Leukemia-----	1.6	2.0	1.2	1.7	2.1	1.3	1.4	1.7	1.1
Other Myeloid/Monocytic Leukemia-----	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2
Other Leukemia-----	1.2	1.6	0.9	1.1	1.5	0.8	1.4	1.9	1.1
Other Acute Leukemia-----	0.5	0.6	0.4	0.4	0.6	0.4	0.5	0.7	0.3
Aleukemic, Subleukemic and NOS-----	0.7	1.0	0.5	0.6	0.9	0.4	0.9	1.3	0.7
Mesothelioma-----	1.3	2.5	0.4	1.5	2.9	0.5	0.7	1.4	0.3
Kaposi Sarcoma-----	0.5	1.0	0.2	0.5	0.8	0.2	0.6	1.3	-
Ill-Defined and Unknown Sites-----	11.5	13.8	9.7	10.7	12.7	9.2	13.9	17.5	11.2
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	12.0	0.2	22.0	12.3	0.2	23.0	11.4	-	19.9

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

- Rates are not generated for cells with counts of five or less.

**TABLE C1.** NUMBER OF CANCER CASES (5 YEARS COMBINED) BY GEOGRAPHIC REGION, 2000-2004, ALL RACES, MALES AND FEMALES

PRIMARY SITE:	NEW ORLEANS	BATON ROUGE	SOUTHEAST	ACADIANA	SOUTHWEST	CENTRAL	NORTHWEST	NORTHEAST	
	LOUISIANA	REGION	REGION	REGION	REGION	REGION	REGION	REGION	
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	105082	23827	17876	12990	14223	7007	7059	13598	8502
Oral Cavity and Pharynx-----	2619	573	445	308	309	178	190	360	256
Lip-----	159	16	17	18	11	15	19	30	33
Tongue-----	613	140	96	79	83	42	41	84	48
Salivary Gland-----	255	46	46	36	19	28	22	30	28
Floor of Mouth-----	214	51	29	25	31	10	16	31	21
Gum and Other Mouth-----	440	99	73	47	54	23	35	56	53
Nasopharynx-----	161	49	30	21	18	6	10	15	12
Tonsil-----	378	77	83	42	53	27	26	43	27
Oropharynx-----	104	13	18	9	12	10	7	23	12
Hypopharynx-----	213	58	40	23	18	16	8	33	17
Other-----	82	24	13	8	10	1	6	15	5
Digestive System-----	20845	4905	3511	2495	2782	1330	1487	2710	1625
Esophagus-----	1072	215	184	143	141	62	91	158	78
Stomach-----	1780	465	274	254	208	112	101	233	133
Small Intestine-----	446	120	82	40	63	18	26	60	37
Colon and Rectum-----	12444	2784	2114	1472	1651	797	935	1695	996
Colon -----	9069	2038	1560	1061	1182	574	662	1231	761
Rectum and Rectosigmoid Junction-----	3375	746	554	411	469	223	273	464	235
Anus, Anal Canal and Anorectum-----	309	92	71	31	15	28	18	29	25
Liver and Intrahepatic Bile Duct-----	1345	421	234	170	153	95	57	133	82
Liver-----	1260	406	224	157	137	87	54	119	76
Intrahepatic Bile Duct-----	85	15	10	13	16	8	3	14	6
Gallbladder-----	240	70	36	31	25	10	14	36	18
Other Biliary Tract-----	307	58	42	29	57	31	18	48	24
Pancreas-----	2723	633	455	299	445	162	219	292	218
Retroperitoneum-----	54	10	3	9	7	7	3	11	4
Peritoneum, Omentum and Mesentery-----	62	13	15	6	12	6	3	2	5
Other-----	63	24	1	11	5	2	2	13	5
Respiratory System-----	18728	4372	2872	2247	2599	1287	1360	2436	1555
Nose, Nasal Cavity and Middle Ear-----	156	42	30	19	18	9	11	17	10
Larynx-----	1312	336	207	152	194	76	94	161	92
Lung and Bronchus-----	17206	3977	2626	2069	2384	1200	1254	2250	1446
Pleura-----	5	3	0	2	0	0	0	0	0
Trachea and Other-----	49	14	9	5	3	2	1	8	7
Bones and Joints-----	183	57	27	34	19	6	14	17	9
Soft Tissue (Incl. heart)-----	737	166	144	85	103	35	38	107	59
Skin (Excl. basal and squamous)-----	2661	465	521	328	315	216	171	353	292
Melanoma of the Skin-----	2351	395	471	299	282	194	151	315	244
Other Non-Epithelial Skin-----	310	70	50	29	33	22	20	38	48
Breast-----	14640	3545	2624	1831	1949	920	797	1857	1117

Female Genital System-----	5109	1170	865	613	639	333	343	692	454
Cervix Uteri-----	1140	246	195	120	144	90	76	166	103
Corpus and Uterus, NOS-----	2058	466	352	248	272	133	117	270	200
Corpus Uteri-----	1986	445	339	239	264	128	114	264	193
Uterus, NOS-----	72	21	13	9	8	5	3	6	7
Ovary-----	1436	336	234	191	178	81	109	191	116
Vagina-----	98	22	21	10	9	6	9	13	8
Vulva-----	326	85	54	37	34	22	29	43	22
Other-----	51	15	9	7	2	1	3	9	5
Male Genital System-----	17092	3452	3170	2052	2382	1196	1161	2330	1349
Prostate-----	16486	3326	3058	1961	2292	1155	1114	2274	1306
Testis-----	493	106	91	77	75	36	29	41	38
Penis-----	99	16	20	14	11	5	16	13	4
Other-----	14	4	1	0	4	0	2	2	1
Urinary System-----	7789	1818	1309	1094	1025	496	527	936	584
Urinary Bladder (Incl. In Situ)-----	4106	972	673	587	530	254	272	487	331
Kidney and Renal Pelvis-----	3484	803	610	482	466	228	239	419	237
Ureter-----	144	32	20	15	22	8	14	20	13
Other-----	55	11	6	10	7	6	2	10	3
Eye and Orbit-----	158	37	23	38	17	9	11	10	13
Brain and Nervous System-----	1285	255	248	173	163	75	109	143	119
Brain-----	1217	242	240	165	154	70	99	133	114
Cranial Nerves and Other NS-----	68	13	8	8	9	5	10	10	5
Endocrine System-----	1725	361	211	275	328	118	100	187	145
Thyroid-----	1575	316	184	255	308	110	94	169	139
Thymus and Other Endocrine-----	150	45	27	20	20	8	6	18	6
Lymphoma-----	4668	1070	822	622	650	371	276	526	331
Hodgkin Lymphoma-----	608	140	113	77	90	51	30	67	40
Non-Hodgkin lymphoma-----	4060	930	709	545	560	320	246	459	291
Myeloma-----	1383	305	246	127	168	77	92	212	156
Leukemia-----	2637	495	417	347	369	165	209	399	236
Lymphocytic-----	1202	199	182	140	175	92	103	193	118
Acute Lymphocytic -----	267	51	38	44	45	18	18	37	16
Chronic Lymphocytic-----	834	134	129	88	117	64	73	140	89
Other-----	101	14	15	8	13	10	12	16	13
Myeloid and Monocytic Leukemia-----	1193	245	202	157	163	62	93	171	100
Acute Myeloid Leukemia-----	758	155	129	90	96	48	67	110	63
Acute Monocytic Leukemia-----	45	15	8	7	7	2	1	2	3
Chronic Myeloid Leukemia-----	345	63	51	55	58	11	25	50	32
Other Myeloid/Monocytic Leukemia---	45	12	14	5	2	1	0	9	2
Other Leukemia-----	242	51	33	50	31	11	13	35	18
Other Acute Leukemia-----	98	11	8	27	14	7	9	11	11
Aleurakemic, Subleukemic and NOS-----	144	40	25	23	17	4	4	24	7
Mesothelioma-----	277	104	48	44	22	10	12	19	18
Kaposi Sarcoma-----	112	48	15	4	14	6	4	14	7
Ill-Defined and Unknown Sites-----	2434	629	358	273	370	179	158	290	177
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	2622	700	431	345	322	149	132	389	154

**TABLE C2. NUMBER OF CANCER CASES (5 YEARS COMBINED) BY GEOGRAPHIC REGION, 2000-2004, WHITE MALES**

PRIMARY SITE:	NEW ORLEANS	BATON ROUGE	SOUTHEAST	ACADIANA	SOUTHWEST	CENTRAL	NORTHWEST	NORTHEAST	
	LOUISIANA	REGION	REGION	REGION	REGION	REGION	REGION	REGION	
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	41110	7874	6807	5833	5901	3152	3051	5206	3286
Oral Cavity and Pharynx-----	1369	258	233	186	163	104	100	175	150
Lip-----	122	13	15	10	9	14	13	22	26
Tongue-----	338	77	47	49	48	24	24	44	25
Salivary Gland-----	129	20	23	21	9	16	12	13	15
Floor of Mouth-----	112	24	18	15	15	6	8	19	7
Gum and Other Mouth-----	200	33	34	31	21	8	16	26	31
Nasopharynx-----	56	15	13	9	8	3	2	3	3
Tonsil-----	219	38	46	27	36	15	15	21	21
Oropharynx-----	43	4	8	6	5	6	3	4	7
Hypopharynx-----	110	27	21	14	9	11	3	14	11
Other-----	40	7	8	4	3	1	4	9	4
Digestive System-----	7991	1642	1288	1155	1131	563	620	972	620
Esophagus-----	580	106	102	86	79	38	53	76	40
Stomach-----	620	147	82	109	84	54	35	69	40
Small Intestine-----	151	35	27	11	30	8	11	18	11
Colon and Rectum-----	4745	886	778	686	671	317	398	622	387
Colon -----	3287	625	539	472	452	225	266	425	283
Rectum and Rectosigmoid Junction-----	1458	261	239	214	219	92	132	197	104
Anus, Anal Canal and Anorectum-----	98	38	19	8	7	11	5	3	7
Liver and Intrahepatic Bile Duct-----	640	169	105	103	86	58	22	58	39
Liver-----	614	166	104	98	78	55	22	54	37
Intrahepatic Bile Duct-----	26	3	1	5	8	3	0	4	2
Gallbladder-----	52	17	6	9	5	2	3	8	2
Other Biliary Tract-----	109	21	17	12	20	11	6	14	8
Pancreas-----	954	213	149	126	143	59	85	98	81
Retroperitoneum-----	23	6	2	3	3	4	1	2	2
Peritoneum, Omentum and Mesentery-----	3	0	0	0	2	0	0	0	1
Other-----	16	4	1	2	1	1	1	4	2
Respiratory System-----	8169	1605	1249	1108	1153	638	694	1044	678
Nose, Nasal Cavity and Middle Ear-----	70	13	13	10	10	6	7	9	2
Larynx-----	677	149	105	96	99	43	53	88	44
Lung and Bronchus-----	7393	1436	1126	996	1044	587	634	943	627
Pleura-----	4	2	0	2	0	0	0	0	0
Trachea and Other-----	25	5	5	4	0	2	0	4	5
Bones and Joints-----	57	19	4	13	5	2	6	6	2
Soft Tissue (Incl. heart)-----	285	66	59	34	34	16	14	39	23
Skin (Excl. basal and squamous)-----	1451	247	260	176	178	117	95	215	163
Melanoma of the Skin-----	1308	225	237	159	162	105	86	192	142
Other Non-Epithelial Skin-----	143	22	23	17	16	12	9	23	21
Breast-----	73	21	10	14	4	6	5	8	5

Male Genital System-----	11728	1984	2043	1653	1813	963	848	1543	881
Prostate-----	11213	1888	1951	1571	1732	927	808	1496	840
Testis-----	440	85	81	71	69	31	27	39	37
Penis-----	65	9	10	11	9	5	12	6	3
Other-----	10	2	1	0	3	0	1	2	1
Urinary System-----	4351	922	745	659	575	294	298	521	337
Urinary Bladder (Incl. In Situ)-----	2657	554	449	418	349	167	179	317	224
Kidney and Renal Pelvis-----	1580	343	281	226	211	119	108	188	104
Ureter-----	90	19	10	11	13	6	10	14	7
Other-----	24	6	5	4	2	2	1	2	2
Eye and Orbit-----	79	22	10	22	6	6	5	2	6
Brain and Nervous System-----	578	105	104	94	90	35	46	59	45
Brain-----	551	102	102	91	85	30	42	56	43
Cranial Nerves and Other NS-----	27	3	2	3	5	5	4	3	2
Endocrine System-----	366	67	45	55	67	37	21	38	36
Thyroid-----	319	57	34	47	60	33	20	32	36
Thymus and Other Endocrine-----	47	10	11	8	7	4	1	6	0
Lymphoma-----	1935	386	353	310	276	166	109	208	127
Hodgkin Lymphoma-----	255	53	49	40	43	21	8	28	13
Non-Hodgkin Lymphoma-----	1680	333	304	270	233	145	101	180	114
Myeloma-----	423	79	58	58	60	33	27	64	44
Leukemia-----	1163	181	178	148	183	91	105	174	103
Lymphocytic-----	565	79	86	64	86	58	52	88	52
Acute Lymphocytic -----	120	16	17	23	21	8	11	16	8
Chronic Lymphocytic-----	383	56	59	34	57	45	31	65	36
Other-----	62	7	10	7	8	5	10	7	8
Myeloid and Monocytic Leukemia-----	507	85	81	72	77	28	47	73	44
Acute Myeloid Leukemia-----	329	56	53	35	48	21	34	53	29
Acute Monocytic Leukemia-----	15	4	3	3	3	0	1	1	0
Chronic Myeloid Leukemia-----	150	24	20	31	25	7	12	16	15
Other Myeloid/Monocytic Leuke-----	13	1	5	3	1	0	0	3	0
Other Leukemia-----	91	17	11	12	20	5	6	13	7
Other Acute Leukemia-----	34	3	1	4	9	3	5	5	4
Alekemic, Subleukemic and NOS-----	57	14	10	8	11	2	1	8	3
Mesothelioma-----	192	64	36	28	18	8	8	15	15
Kaposi Sarcoma-----	52	20	7	2	8	4	3	7	1
Ill-Defined and Unknown Sites-----	848	186	125	118	137	69	47	116	50
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	18	2	3	5	2	1	0	4	1

**TABLE C3.** NUMBER OF CANCER CASES (5 YEARS COMBINED) BY GEOGRAPHIC REGION, 2000–2004, WHITE FEMALES

PRIMARY SITE:	NEW ORLEANS	BATON ROUGE	SOUTHEAST	ACADIANA	SOUTHWEST	CENTRAL	NORTHWEST	NORTHEAST	
	LOUISIANA	REGION	REGION	REGION	REGION	REGION	REGION	REGION	
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	35055	7276	5716	4932	4985	2591	2413	4289	2853
Oral Cavity and Pharynx-----	547	109	83	70	64	41	49	75	56
Lip-----	31	2	2	7	2	1	4	6	7
Tongue-----	151	33	26	20	18	14	9	18	13
Salivary Gland-----	60	9	12	6	4	9	4	8	8
Floor of Mouth-----	41	6	5	9	3	2	5	5	6
Gum and Other Mouth-----	122	29	19	13	17	6	11	16	11
Nasopharynx-----	33	8	4	3	5	2	4	2	5
Tonsil-----	52	9	8	5	9	4	7	8	2
Oropharynx-----	17	0	5	1	2	1	2	5	1
Hypopharynx-----	31	9	1	5	3	2	2	6	3
Other-----	9	4	1	1	1	0	1	1	0
Digestive System-----	6406	1305	1077	826	897	484	497	786	534
Esophagus-----	154	29	24	23	19	9	11	24	15
Stomach-----	362	75	50	66	39	28	25	42	37
Small Intestine-----	130	27	25	22	15	3	8	15	15
Colon and Rectum-----	4141	832	712	522	552	316	332	527	348
Colon -----	3101	623	539	399	411	221	235	395	278
Rectum and Rectosigmoid Junction-----	1040	209	173	123	141	95	97	132	70
Anus, Anal Canal and Anorectum-----	140	27	34	20	8	11	9	19	12
Liver and Intrahepatic Bile Duct-----	253	78	35	31	27	21	16	23	22
Liver-----	221	71	33	25	23	17	16	17	19
Intrahepatic Bile Duct-----	32	7	2	6	4	4	0	6	3
Gallbladder-----	95	23	17	11	12	5	5	13	9
Other Biliary Tract-----	122	18	13	10	24	17	8	21	11
Pancreas-----	919	176	156	104	186	66	78	92	61
Retroperitoneum-----	21	3	0	4	4	3	2	5	0
Peritoneum, Omentum and Mesentery-----	48	11	11	6	8	5	2	2	3
Other-----	21	6	0	7	3	0	1	3	1
Respiratory System-----	5601	1200	832	749	826	420	370	734	470
Nose, Nasal Cavity and Middle Ear-----	39	12	9	4	2	2	2	5	3
Larynx-----	189	43	28	26	33	17	17	15	10
Lung and Bronchus-----	5358	1141	793	718	788	401	350	711	456
Pleura-----	0	0	0	0	0	0	0	0	0
Trachea and Other-----	15	4	2	1	3	0	1	3	1
Bones and Joints-----	69	13	14	15	7	3	6	7	4
Soft Tissue (Incl. heart)-----	232	48	44	29	43	13	16	24	15
Skin (Excl. basal and squamous)-----	1016	174	191	137	122	94	63	119	116
Melanoma of the Skin-----	916	150	177	128	109	87	56	111	98
Other Non-Epithelial Skin-----	100	24	14	9	13	7	7	8	18
Breast-----	10358	2214	1797	1532	1448	738	608	1254	767

Female Genital System-----	3555	721	577	503	480	263	260	443	308
Cervix Uteri-----	638	110	104	85	96	63	44	81	55
Corpus and Uterus, NOS-----	1474	290	245	206	211	108	94	183	137
Corpus Uteri-----	1429	279	234	198	207	104	93	180	134
Uterus, NOS-----	45	11	11	8	4	4	1	3	3
Ovary-----	1099	240	172	166	140	66	87	138	90
Vagina-----	66	14	14	8	5	6	7	7	5
Vulva-----	248	56	39	33	26	19	26	31	18
Other-----	30	11	3	5	2	1	2	3	3
Urinary System-----	1915	427	287	294	275	139	134	223	136
Urinary Bladder (Incl. In Situ)-----	828	206	121	121	110	58	56	95	61
Kidney and Renal Pelvis-----	1033	211	157	168	157	76	77	119	68
Ureter-----	37	9	9	2	5	2	0	4	6
Other-----	17	1	0	3	3	3	1	5	1
Eye and Orbit-----	57	11	9	11	6	1	5	8	6
Brain and Nervous System-----	429	69	96	57	47	28	51	42	39
Brain-----	405	67	92	54	43	28	46	37	38
Cranial Nerves and Other NS-----	24	2	4	3	4	0	5	5	1
Endocrine System-----	1010	177	124	185	205	71	61	103	84
Thyroid-----	958	162	117	177	199	69	58	96	80
Thymus and Other Endocrine-----	52	15	7	8	6	2	3	7	4
Lymphoma-----	1768	372	280	236	267	152	125	198	138
Hodgkin Lymphoma-----	214	41	36	24	36	23	12	25	17
Non-Hodgkin Lymphoma-----	1554	331	244	212	231	129	113	173	121
Myeloma-----	336	63	60	33	36	25	32	47	40
Leukemia-----	861	156	126	135	118	51	70	130	75
Lymphocytic-----	382	52	54	51	59	27	35	65	39
Acute Lymphocytic -----	73	13	10	14	13	5	5	11	2
Chronic Lymphocytic-----	283	37	40	36	43	17	28	48	34
Other-----	26	2	4	1	3	5	2	6	3
Myeloid and Monocytic Leukemia-----	409	91	61	64	54	19	32	57	31
Acute Myeloid Leukemia-----	262	54	39	44	29	15	23	36	22
Acute Monocytic Leukemia-----	22	8	3	3	3	2	0	1	2
Chronic Myeloid Leukemia-----	109	22	14	15	21	2	9	19	7
Other Myeloid/Monocytic Leukemia-----	16	7	5	2	1	0	0	1	0
Other Leukemia-----	70	13	11	20	5	5	3	8	5
Other Acute Leukemia-----	34	4	3	13	3	4	1	2	4
Aleukemic, Subleukemic and NOS-----	36	9	8	7	2	1	2	6	1
Mesothelioma-----	43	19	9	7	2	1	2	2	1
Kaposi Sarcoma-----	19	7	1	1	2	1	0	3	4
Ill-Defined and Unknown Sites-----	833	191	109	112	140	66	64	91	60
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	1925	448	330	292	246	120	102	266	121

**TABLE C4.** NUMBER OF CANCER CASES (5 YEARS COMBINED) BY GEOGRAPHIC REGION, 2000–2004, BLACK MALES

PRIMARY SITE:	NEW ORLEANS	BATON ROUGE	SOUTHEAST	ACADIANA	SOUTHWEST	CENTRAL	NORTHWEST	NORTHEAST	
	LOUISIANA	REGION	REGION	REGION	REGION	REGION	REGION	REGION	
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	15012	4396	2795	1165	1744	654	831	2198	1229
Oral Cavity and Pharynx-----	516	141	101	34	65	25	28	85	37
Lip-----	4	0	0	1	0	0	1	2	0
Tongue-----	95	23	17	7	15	3	7	15	8
Salivary Gland-----	32	8	4	5	4	1	1	5	4
Floor of Mouth-----	51	16	6	1	11	2	3	7	5
Gum and Other Mouth-----	73	22	14	1	10	7	5	8	6
Nasopharynx-----	49	12	11	5	5	1	3	8	4
Tonsil-----	85	24	25	6	7	6	3	10	4
Oropharynx-----	36	6	5	2	3	3	1	13	3
Hypopharynx-----	65	19	16	4	5	2	3	13	3
Other-----	26	11	3	2	5	0	1	4	0
Digestive System-----	3215	969	562	273	384	131	193	492	211
Esophagus-----	247	58	39	26	34	12	19	43	16
Stomach-----	432	138	71	38	46	17	24	69	29
Small Intestine-----	79	25	12	6	10	3	2	14	7
Colon and Rectum-----	1663	497	295	137	209	66	100	252	107
Colon -----	1233	365	228	96	140	55	81	194	74
Rectum and Rectosigmoid Junction-----	430	132	67	41	69	11	19	58	33
Anus, Anal Canal and Anorectum-----	30	13	6	1	0	4	2	3	1
Liver and Intrahepatic Bile Duct-----	303	109	65	22	28	10	13	42	14
Liver-----	292	104	62	22	28	9	13	40	14
Intrahepatic Bile Duct-----	11	5	3	0	0	1	0	2	0
Gallbladder-----	26	10	3	3	3	0	2	4	1
Other Biliary Tract-----	34	8	4	4	7	1	1	8	1
Pancreas-----	387	105	67	32	47	17	30	54	35
Retroperitoneum-----	2	0	0	2	0	0	0	0	0
Peritoneum, Omentum and Mesentery-----	0	0	0	0	0	0	0	0	0
Other-----	12	6	0	2	0	1	0	3	0
Respiratory System-----	3220	972	538	250	414	139	173	452	282
Nose, Nasal Cavity and Middle Ear-----	28	9	5	2	3	0	2	2	5
Larynx-----	367	119	57	29	52	11	18	47	34
Lung and Bronchus-----	2819	841	475	219	359	128	153	402	242
Pleura-----	0	0	0	0	0	0	0	0	0
Trachea and Other-----	6	3	1	0	0	0	0	1	1
Bones and Joints-----	30	15	5	2	3	1	1	1	2
Soft Tissue (Incl. heart)-----	87	19	18	9	7	2	2	20	10
Skin (Excl. basal and squamous)-----	58	17	13	2	7	2	4	7	6
Melanoma of the Skin-----	27	7	9	0	4	1	2	3	1
Other Non-Epithelial Skin-----	31	10	4	2	3	1	2	4	5
Breast-----	38	14	4	1	8	3	1	4	3

Male Genital System-----	5118	1390	1052	367	563	220	291	770	465
Prostate-----	5032	1363	1032	358	554	216	285	761	463
Testis-----	50	19	10	6	6	4	2	2	1
Penis-----	33	6	10	3	2	0	4	7	1
Other-----	3	2	0	0	1	0	0	0	0
Urinary System-----	919	293	175	81	101	45	45	120	59
Urinary Bladder (Incl. In Situ)-----	389	137	65	29	41	24	19	48	26
Kidney and Renal Pelvis-----	516	151	109	51	57	20	24	71	33
Ureter-----	9	4	0	0	2	0	2	1	0
Other-----	5	1	1	1	1	1	0	0	0
Eye and Orbit-----	11	2	2	2	2	2	0	0	1
Brain and Nervous System-----	145	40	22	9	17	6	8	21	22
Brain-----	137	37	22	8	17	6	7	19	21
Cranial Nerves and Other NS-----	8	3	0	1	0	0	1	2	1
Endocrine System-----	68	22	10	2	9	3	4	12	6
Thyroid-----	46	13	8	2	5	2	3	9	4
Thymus and Other Endocrine-----	22	9	2	0	4	1	1	3	2
Lymphoma-----	485	172	99	40	46	32	18	56	22
Hodgkin Lymphoma-----	69	19	16	7	6	6	5	6	4
Non-Hodgkin Lymphoma-----	416	153	83	33	40	26	13	50	18
Myeloma-----	333	93	66	18	38	9	16	51	42
Leukemia-----	322	76	59	38	34	13	18	57	27
Lymphocytic-----	148	38	23	17	16	5	7	28	14
Acute Lymphocytic -----	39	8	6	5	5	3	1	7	4
Chronic Lymphocytic-----	101	27	16	12	10	2	6	20	8
Other-----	8	3	1	0	1	0	0	1	2
Myeloid and Monocytic Leukemia-----	133	27	30	15	14	7	9	21	10
Acute Myeloid Leukemia-----	79	17	19	6	11	6	6	10	4
Acute Monocytic Leukemia-----	4	1	2	1	0	0	0	0	0
Chronic Myeloid Leukemia-----	42	6	9	8	3	0	3	8	5
Other Myeloid/Monocytic Leuke-----	8	3	0	0	0	1	0	3	1
Other Leukemia-----	41	11	6	6	4	1	2	8	3
Other Acute Leukemia-----	14	2	3	2	1	0	2	3	1
Aleukemic, Subleukemic and NOS-----	27	9	3	4	3	1	0	5	2
Mesothelioma-----	30	12	2	8	1	1	2	2	2
Kaposi Sarcoma-----	35	20	4	1	3	1	1	3	2
Ill-Defined and Unknown Sites-----	382	129	63	28	42	19	26	45	30
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	4	1	0	1	1	0	0	1	0

**TABLE C5.** NUMBER OF CANCER CASES (5 YEARS COMBINED) BY GEOGRAPHIC REGION, 2000–2004, BLACK FEMALES

PRIMARY SITE:	NEW ORLEANS	BATON ROUGE	SOUTHEAST	ACADIANA	SOUTHWEST	CENTRAL	NORTHWEST	NORTHEAST	
	LOUISIANA	REGION	REGION	REGION	REGION	REGION	REGION	REGION	
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	12877	3911	2318	920	1527	560	694	1836	1111
Oral Cavity and Pharynx-----	164	52	26	14	16	8	11	24	13
Lip-----	1	1	0	0	0	0	0	0	0
Tongue-----	26	6	5	2	2	1	1	7	2
Salivary Gland-----	32	8	7	3	2	2	5	4	1
Floor of Mouth-----	10	5	0	0	2	0	0	0	3
Gum and Other Mouth-----	40	13	5	2	5	2	2	6	5
Nasopharynx-----	13	6	2	2	0	0	1	2	0
Tonsil-----	20	5	4	4	1	2	1	3	0
Oropharynx-----	8	3	0	0	2	0	1	1	1
Hypopharynx-----	7	3	2	0	1	1	0	0	0
Other-----	7	2	1	1	1	0	0	1	1
Digestive System-----	3015	895	556	217	349	141	160	442	255
Esophagus-----	84	21	18	6	8	2	8	14	7
Stomach-----	340	92	68	37	38	12	16	50	27
Small Intestine-----	80	30	17	1	7	3	5	13	4
Colon and Rectum-----	1797	524	315	117	212	91	98	288	152
Colon -----	1381	395	243	88	172	68	76	215	124
Rectum and Rectosigmoid Junction-----	416	129	72	29	40	23	22	73	28
Anus, Anal Canal and Anorectum-----	36	13	9	2	0	2	2	4	4
Liver and Intrahepatic Bile Duct-----	109	46	24	9	6	6	4	7	7
Liver-----	96	46	20	7	3	6	2	6	6
Intrahepatic Bile Duct-----	13	0	4	2	3	0	2	1	1
Gallbladder-----	60	19	10	7	5	2	2	10	5
Other Biliary Tract-----	37	10	8	3	5	2	2	4	3
Pancreas-----	441	131	82	35	65	20	22	45	41
Retroperitoneum-----	8	1	1	0	0	0	0	4	2
Peritoneum, Omentum and Mesentery-----	10	1	4	0	2	1	1	0	1
Other-----	13	7	0	0	1	0	0	3	2
Respiratory System-----	1627	546	243	118	196	85	116	199	124
Nose, Nasal Cavity and Middle Ear-----	18	8	3	3	3	1	0	0	0
Larynx-----	72	23	17	1	10	3	4	10	4
Lung and Bronchus-----	1533	512	222	114	183	81	112	189	120
Pleura-----	1	1	0	0	0	0	0	0	0
Trachea and Other-----	3	2	1	0	0	0	0	0	0
Bones and Joints-----	24	8	4	3	4	0	1	3	1
Soft Tissue (Incl. heart)-----	123	29	21	13	19	2	5	23	11
Skin (Excl. basal and squamous)-----	66	23	12	5	7	2	3	7	7
Melanoma of the Skin-----	37	10	6	4	6	1	1	6	3
Other Non-Epithelial Skin-----	29	13	6	1	1	1	2	1	4
Breast-----	4074	1252	794	274	483	169	180	585	337

Female Genital System-----	1502	433	274	104	156	65	79	246	145
Cervix Uteri-----	487	130	88	33	48	26	30	84	48
Corpus and Uterus, NOS-----	560	168	100	40	59	24	22	85	62
Corpus Uteri-----	533	158	98	39	55	23	20	82	58
Uterus, NOS-----	27	10	2	1	4	1	2	3	4
Ovary-----	326	94	59	23	37	13	21	53	26
Vagina-----	32	8	7	2	4	0	2	6	3
Vulva-----	76	29	14	4	8	2	3	12	4
Other-----	21	4	6	2	0	0	1	6	2
Urinary System-----	553	157	96	46	71	14	48	72	49
Urinary Bladder (Incl. In Situ)-----	200	63	32	9	30	4	17	27	18
Kidney and Renal Pelvis-----	338	92	63	33	39	10	29	41	31
Ureter-----	7	0	1	2	1	0	2	1	0
Other-----	8	2	0	2	1	0	0	3	0
Eye and Orbit-----	9	2	2	3	2	0	0	0	0
Brain and Nervous System-----	122	36	24	13	8	6	4	19	12
Brain-----	113	31	22	12	8	6	4	19	11
Cranial Nerves and Other NS-----	9	5	2	1	0	0	0	0	1
Endocrine System-----	259	84	29	29	45	7	13	33	19
Thyroid-----	232	73	23	25	43	6	12	31	19
Thymus and Other Endocrine-----	27	11	6	4	2	1	1	2	0
Lymphoma-----	427	127	73	28	58	18	21	61	41
Hodgkin Lymphoma-----	61	24	10	4	5	1	3	8	6
Non-Hodgkin Lymphoma-----	366	103	63	24	53	17	18	53	35
Myeloma-----	280	67	57	17	33	9	17	50	30
Leukemia-----	266	74	49	21	33	10	15	33	31
Lymphocytic-----	99	29	16	8	14	2	9	8	13
Acute Lymphocytic -----	32	13	5	2	6	2	1	1	2
Chronic Lymphocytic-----	62	14	11	6	7	0	8	5	11
Other-----	5	2	0	0	1	0	0	2	0
Myeloid and Monocytic Leukemia-----	133	37	28	5	17	8	4	19	15
Acute Myeloid Leukemia-----	84	28	18	4	7	6	3	10	8
Acute Monocytic Leukemia-----	4	2	0	0	1	0	0	0	1
Chronic Myeloid Leukemia-----	38	6	7	1	9	2	1	7	5
Other Myeloid/Monocytic Leukemia-----	7	1	3	0	0	0	0	2	1
Other Leukemia-----	34	8	5	8	2	0	2	6	3
Other Acute Leukemia-----	11	1	1	4	1	0	1	1	2
Aleukemic, Subleukemic and NOS-----	23	7	4	4	1	0	1	5	1
Mesothelioma-----	11	8	1	1	1	0	0	0	0
Kaposi Sarcoma-----	3	1	0	0	1	0	0	1	0
Ill-Defined and Unknown Sites-----	352	117	57	14	45	24	21	38	36
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	651	239	93	46	72	27	27	115	32

**TABLE D1.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, ALL RACES, MALES AND FEMALES

PRIMARY SITE:	NEW ORLEANS LOUISIANA	REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites Combined-----	489.1	485.6	488.8	486.4	502.2	502.3	470.5	495.0	478.0
Oral Cavity and Pharynx-----	12.0	11.5	11.7	11.3	10.8	12.6	12.7	13.1	14.5
Lip-----	0.7	0.3	0.5	0.7	0.4	1.0	1.3	1.1	1.8
Tongue-----	2.8	2.8	2.5	2.9	2.9	2.9	2.7	3.1	2.7
Salivary Gland-----	1.2	0.9	1.2	1.4	0.7	2.0	1.5	1.1	1.6
Floor of Mouth-----	1.0	1.0	0.8	0.9	1.1	0.7	1.1	1.1	1.2
Gum and Other Mouth-----	2.0	2.0	1.9	1.7	1.9	1.6	2.4	2.0	3.0
Nasopharynx-----	0.7	1.0	0.8	0.7	0.6	0.4	0.7	0.6	0.7
Tonsil-----	1.7	1.5	2.1	1.4	1.8	1.9	1.7	1.6	1.6
Oropharynx-----	0.5	0.3	0.5	0.3	0.4	0.7	0.5	0.8	0.7
Hypopharynx-----	1.0	1.2	1.1	0.9	0.6	1.1	0.5	1.2	0.9
Other-----	0.4	0.5	0.4	0.3	0.4	-	0.4	0.5	-
Digestive System-----	97.7	100.5	98.2	95.7	99.2	95.9	99.3	98.1	90.9
Esophagus-----	5.0	4.4	5.1	5.3	4.9	4.4	6.0	5.7	4.4
Stomach-----	8.4	9.6	7.8	10.0	7.5	8.1	6.8	8.5	7.4
Small Intestine-----	2.1	2.4	2.2	1.5	2.2	1.3	1.8	2.2	2.1
Colon and Rectum-----	58.4	57.2	59.3	56.4	58.9	57.5	62.4	61.3	55.8
Colon -----	42.7	42.0	44.2	41.1	42.3	41.6	44.3	44.4	42.5
Rectum and Rectosigmoid Junction-----	15.7	15.2	15.1	15.3	16.6	15.9	18.2	16.8	13.3
Anus, Anal Canal and Anorectum-----	1.4	1.8	1.9	1.2	0.5	2.0	1.2	1.1	1.5
Liver and Intrahepatic Bile Duct-----	6.2	8.5	6.2	6.3	5.4	6.8	3.8	4.8	4.6
Liver-----	5.8	8.2	5.9	5.8	4.8	6.3	3.6	4.3	4.2
Intrahepatic Bile Duct-----	0.4	0.3	0.3	0.5	0.6	0.6	-	0.5	0.3
Gallbladder-----	1.1	1.4	1.1	1.2	0.9	0.7	0.9	1.3	1.0
Other Biliary Tract-----	1.5	1.2	1.2	1.2	2.1	2.3	1.2	1.7	1.3
Pancreas-----	12.8	13.0	12.9	11.7	15.9	11.7	14.7	10.6	12.2
Retroperitoneum-----	0.2	0.2	-	0.3	0.2	0.5	-	0.4	-
Peritoneum, Omentum and Mesentery----	0.3	0.3	0.4	0.2	0.4	0.4	-	-	-
Other-----	0.3	0.5	-	0.4	-	-	-	0.5	-
Respiratory System-----	87.3	89.1	79.7	85.2	91.9	91.8	90.3	88.0	86.9
Nose, Nasal Cavity and Middle Ear----	0.7	0.8	0.8	0.7	0.6	0.6	0.7	0.6	0.6
Larynx-----	6.0	6.8	5.5	5.5	6.7	5.3	6.2	5.9	5.2
Lung and Bronchus-----	80.3	81.1	73.2	78.6	84.5	85.8	83.2	81.3	80.7
Pleura-----	-	-	-	-	-	-	-	-	-
Trachea and Other-----	0.2	0.3	0.2	-	-	-	-	0.3	0.4
Bones and Joints-----	0.8	1.1	0.7	1.2	0.6	0.4	0.9	0.6	0.5
Soft Tissue (Incl. heart)-----	3.4	3.4	3.8	3.0	3.6	2.5	2.5	4.0	3.3
Skin (Excl. basal and squamous)-----	12.3	9.5	13.8	11.9	11.0	15.6	11.5	13.1	16.8
Melanoma of the Skin-----	10.9	8.0	12.4	10.8	9.8	14.0	10.2	11.7	14.1
Other Non-Epithelial Skin-----	1.5	1.4	1.4	1.1	1.2	1.6	1.4	1.4	2.7
Breast-----	67.7	71.8	70.2	66.5	68.2	65.7	53.6	68.7	64.0

Female Genital System-----	23.7	23.7	23.1	22.5	22.3	23.8	23.2	25.7	26.2
Cervix Uteri-----	5.3	5.0	5.0	4.2	5.0	6.5	5.3	6.4	6.2
Corpus and Uterus, NOS-----	9.5	9.4	9.5	9.1	9.5	9.4	7.8	9.9	11.4
Corpus Uteri-----	9.2	9.0	9.2	8.7	9.2	9.0	7.6	9.7	11.0
Uterus, NOS-----	0.3	0.4	0.3	0.4	0.3	-	-	0.2	0.4
Ovary-----	6.7	6.8	6.4	7.1	6.3	5.8	7.3	7.0	6.5
Vagina-----	0.5	0.4	0.6	0.4	0.3	0.4	0.6	0.5	0.4
Vulva-----	1.5	1.7	1.4	1.4	1.2	1.6	2.0	1.6	1.3
Other-----	0.2	0.3	0.2	0.3	-	-	-	0.3	-
Male Genital System-----	79.4	70.3	87.0	77.0	84.3	85.2	76.4	83.7	74.7
Prostate-----	76.6	67.7	84.4	73.8	81.2	82.2	73.3	81.5	72.2
Testis-----	2.2	2.2	2.1	2.7	2.5	2.6	1.9	1.6	2.2
Penis-----	0.5	0.3	0.5	0.5	0.4	-	1.1	0.5	-
Other-----	0.1	-	-	-	-	-	-	-	-
Urinary System-----	36.4	37.2	36.4	41.5	36.5	35.8	35.2	33.9	32.6
Urinary Bladder (Incl. In Situ)-----	19.4	20.0	19.2	22.9	19.0	18.6	18.3	17.5	18.4
Kidney and Renal Pelvis-----	16.1	16.3	16.4	17.6	16.4	16.2	15.9	15.3	13.4
Ureter-----	0.7	0.7	0.6	0.6	0.8	0.6	0.9	0.7	0.7
Other-----	0.3	0.2	0.2	0.4	0.2	0.5	-	0.4	-
Eye and Orbit-----	0.7	0.8	0.6	1.4	0.6	0.6	0.7	0.4	0.7
Brain and Nervous System-----	5.9	5.2	6.5	6.3	5.5	5.3	7.3	5.3	6.8
Brain-----	5.6	4.9	6.3	6.0	5.2	4.9	6.6	5.0	6.5
Cranial Nerves and Other NS-----	0.3	0.3	0.2	0.3	0.3	-	0.7	0.4	-
Endocrine System-----	7.9	7.3	5.2	9.5	11.2	8.4	6.8	7.2	8.5
Thyroid-----	7.2	6.4	4.5	8.8	10.6	7.9	6.4	6.6	8.2
Thymus and Other Endocrine-----	0.7	0.9	0.6	0.7	0.7	0.6	0.4	0.7	0.3
Lymphoma-----	21.7	21.8	21.8	23.2	22.9	26.8	18.4	19.3	18.6
Hodgkin Lymphoma-----	2.7	2.8	2.7	2.7	3.0	3.6	2.0	2.6	2.2
Non-Hodgkin lymphoma-----	18.9	19.0	19.2	20.5	19.8	23.2	16.4	16.8	16.4
Myeloma-----	6.5	6.2	6.9	5.0	6.0	5.5	6.2	7.7	8.7
Leukemia-----	12.3	10.2	11.5	12.8	13.0	12.0	13.9	14.5	13.1
Lymphocytic-----	5.6	4.1	5.0	5.1	6.1	6.7	6.8	7.0	6.5
Acute Lymphocytic -----	1.2	1.0	0.9	1.5	1.5	1.3	1.2	1.4	0.9
Chronic Lymphocytic-----	3.9	2.8	3.7	3.3	4.2	4.7	4.9	5.0	4.9
Other-----	0.5	0.3	0.4	0.3	0.4	0.7	0.8	0.6	0.7
Myeloid and Monocytic Leukemia-----	5.6	5.0	5.5	5.8	5.8	4.5	6.2	6.2	5.6
Acute Myeloid Leukemia-----	3.5	3.2	3.5	3.4	3.4	3.5	4.5	4.0	3.5
Acute Monocytic Leukemia-----	0.2	0.3	0.2	0.3	0.2	-	-	-	-
Chronic Myeloid Leukemia-----	1.6	1.3	1.4	2.0	2.1	0.8	1.6	1.8	1.8
Other Myeloid/Monocytic Leukemia---	0.2	0.2	0.4	-	-	0.0	0.0	0.3	-
Other Leukemia-----	1.2	1.1	1.0	1.8	1.1	0.8	0.9	1.3	1.0
Other Acute Leukemia-----	0.5	0.2	0.2	1.0	0.5	0.5	0.6	0.4	0.6
Alekemic, Subleukemic and NOS-----	0.7	0.8	0.7	0.9	0.6	-	-	0.9	0.4
Mesothelioma-----	1.3	2.1	1.3	1.7	0.8	0.7	0.8	0.7	1.0
Kaposi Sarcoma-----	0.5	1.0	0.4	-	0.5	0.4	-	0.5	0.4
Ill-Defined and Unknown Sites-----	11.5	12.9	10.1	10.5	13.3	13.1	10.6	10.5	9.8
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	12.0	14.1	11.3	12.2	11.2	10.5	8.8	14.3	8.8

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

- Rates are not generated for cells with counts of five or less.

**TABLE D2.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, WHITE MALES

PRIMARY SITE:	NEW ORLEANS LOUISIANA	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION	
INVASIVE CANCERS									
All Sites Combined-----	596.3	580.9	578.5	590.0	618.8	625.1	587.4	620.2	587.4
Oral Cavity and Pharynx-----	18.9	18.3	18.3	17.9	16.1	19.3	18.6	20.3	26.6
Lip-----	1.7	0.9	1.2	0.9	0.9	2.6	2.3	2.6	4.6
Tongue-----	4.7	5.4	3.7	4.6	4.8	4.5	4.5	5.0	4.4
Salivary Gland-----	1.9	1.5	1.9	2.6	0.9	3.1	2.5	1.5	2.9
Floor of Mouth-----	1.5	1.7	1.5	1.4	1.4	1.0	1.4	2.2	1.2
Gum and Other Mouth-----	2.8	2.4	2.7	3.0	2.2	1.4	3.0	3.1	5.8
Nasopharynx-----	0.8	1.1	1.0	0.8	0.9	-	-	-	-
Tonsil-----	2.9	2.6	3.3	2.3	3.3	2.7	2.7	2.5	3.6
Oropharynx-----	0.6	-	0.7	0.6	-	1.0	-	-	1.2
Hypopharynx-----	1.5	1.9	1.6	1.4	0.9	2.1	-	1.6	1.8
Other-----	0.6	0.5	0.7	-	-	-	-	1.0	-
Digestive System-----	117.1	120.6	112.2	120.6	120.7	112.3	120.3	117.1	111.8
Esophagus-----	8.2	7.6	8.9	8.5	8.1	7.1	9.7	8.9	7.2
Stomach-----	9.2	10.9	7.2	11.7	9.0	10.6	6.9	8.5	7.1
Small Intestine-----	2.2	2.5	2.2	1.1	3.2	1.7	2.0	2.5	1.9
Colon and Rectum-----	69.8	65.3	68.4	71.6	72.1	63.5	77.8	74.9	69.4
Colon -----	49.1	46.5	48.3	50.3	49.4	45.9	53.1	51.8	51.2
Rectum and Rectosigmoid Junction-----	20.7	18.9	20.1	21.3	22.7	17.6	24.7	23.1	18.2
Anus, Anal Canal and Anorectum-----	1.3	2.7	1.5	0.8	0.8	2.2	-	-	1.3
Liver and Intrahepatic Bile Duct-----	9.2	12.2	8.5	10.1	8.8	11.8	4.2	6.9	7.5
Liver-----	8.8	12.0	8.4	9.6	8.0	11.2	4.2	6.4	7.0
Intrahepatic Bile Duct-----	0.4	-	-	-	0.9	-	-	-	-
Gallbladder-----	0.8	1.2	0.5	1.2	-	-	-	1.1	-
Other Biliary Tract-----	1.7	1.6	1.7	1.2	2.4	2.4	1.4	1.7	1.4
Pancreas-----	14.1	15.7	13.0	13.8	15.0	11.8	16.5	11.6	14.9
Retroperitoneum-----	0.3	0.4	-	-	-	-	-	-	-
Peritoneum, Omentum and Mesentery-----	-	-	-	-	-	-	-	-	-
Other-----	0.2	-	-	-	-	-	-	-	-
Respiratory System-----	118.1	117.3	107.1	112.5	120.4	124.7	132.5	122.6	120.6
Nose, Nasal Cavity and Middle Ear-----	1.0	0.9	1.0	0.9	1.0	1.1	1.5	1.0	-
Larynx-----	9.4	10.7	8.4	9.4	9.8	7.7	9.6	10.2	7.6
Lung and Bronchus-----	107.3	105.2	97.4	101.6	109.6	115.4	121.4	111.0	111.7
Pleura-----	-	-	-	-	-	-	-	-	-
Trachea and Other-----	0.4	-	-	-	-	-	-	-	-
Bones and Joints-----	0.8	1.5	-	1.1	-	-	1.2	0.7	-
Soft Tissue (Incl. heart)-----	4.1	5.0	5.0	3.2	3.5	3.1	2.6	5.2	4.3
Skin (Excl. basal and squamous)-----	21.0	18.3	21.7	16.7	18.4	24.1	18.5	26.3	29.9
Melanoma of the Skin-----	18.8	16.6	19.5	14.8	16.7	21.4	16.8	23.3	26.0
Other Non-Epithelial Skin-----	2.2	1.7	2.2	1.9	1.7	2.7	1.8	3.0	3.8
Breast-----	1.1	1.6	1.0	1.6	-	1.3	-	0.9	-

Male Genital System-----	168.2	145.3	170.5	163.5	188.8	189.6	162.1	181.0	155.4
Prostate-----	161.0	138.0	163.7	155.9	181.0	182.8	154.4	174.9	147.7
Testis-----	6.1	6.5	5.8	6.5	6.6	5.8	5.0	5.1	6.8
Penis-----	1.0	0.7	0.8	1.1	0.9	-	2.4	0.8	-
Other-----	0.2	-	-	-	-	-	-	-	-
Urinary System-----	64.3	68.8	65.8	68.3	61.0	58.9	58.5	62.5	60.8
Urinary Bladder (Incl. In Situ)-----	40.3	42.1	41.2	45.3	37.9	34.5	36.1	38.7	41.0
Kidney and Renal Pelvis-----	22.2	24.8	23.1	21.4	21.4	22.6	20.2	22.0	17.8
Ureter-----	1.4	1.5	0.9	1.1	1.5	1.2	2.1	1.6	1.6
Other-----	0.4	0.4	-	-	-	-	-	-	-
Eye and Orbit-----	1.2	1.7	0.8	2.5	0.6	1.2	-	-	1.1
Brain and Nervous System-----	8.3	8.1	8.3	9.1	9.2	6.6	8.8	7.5	8.1
Brain-----	7.9	7.9	8.1	8.9	8.7	5.7	8.1	7.1	7.7
Cranial Nerves and Other NS-----	0.4	-	-	-	-	-	-	-	-
Endocrine System-----	5.1	5.0	3.4	5.2	6.5	7.1	3.9	4.6	6.2
Thyroid-----	4.4	4.2	2.6	4.3	5.9	6.4	3.7	3.9	6.2
Thymus and Other Endocrine-----	0.7	0.7	0.8	0.8	0.7	-	-	0.7	-
Lymphoma-----	28.2	29.2	28.9	31.4	28.9	34.6	20.9	24.9	22.8
Hodgkin Lymphoma-----	3.6	4.1	3.5	3.7	4.1	4.2	1.6	3.6	2.3
Non-Hodgkin Lymphoma-----	24.6	25.1	25.4	27.7	24.8	30.4	19.3	21.4	20.5
Myeloma-----	6.2	5.9	5.0	6.0	6.3	6.6	5.2	7.7	7.7
Leukemia-----	17.4	14.1	15.4	14.9	19.7	18.7	20.8	21.4	18.9
Lymphocytic-----	8.4	6.1	7.4	6.4	9.3	11.7	9.9	10.7	9.7
Acute Lymphocytic -----	1.8	1.4	1.3	2.2	2.0	1.6	2.1	2.1	1.6
Chronic Lymphocytic-----	5.7	4.2	5.2	3.5	6.5	9.2	5.9	7.8	6.7
Other-----	0.9	0.5	0.9	0.7	0.7	-	1.9	0.8	1.4
Myeloid and Monocytic Leukemia-----	7.5	6.5	7.0	7.3	8.1	5.9	9.6	8.8	7.9
Acute Myeloid Leukemia-----	4.9	4.3	4.7	3.6	5.1	4.5	7.2	6.5	5.2
Acute Monocytic Leukemia-----	0.2	-	-	-	-	-	-	-	-
Chronic Myeloid Leukemia-----	2.1	1.7	1.6	3.0	2.6	1.3	2.2	1.9	2.6
Other Myeloid/Monocytic Leuke-----	0.2	-	-	-	-	-	-	-	-
Other Leukemia-----	1.5	1.5	1.1	1.2	2.3	-	1.3	1.8	1.3
Other Acute Leukemia-----	0.6	-	-	-	1.1	-	-	-	-
Alekemic, Subleukemic and NOS-----	0.9	1.3	0.9	0.8	1.2	-	-	1.1	-
Mesothelioma-----	2.9	4.7	3.2	3.0	1.9	1.7	1.5	1.8	2.7
Kaposi Sarcoma-----	0.8	1.5	0.6	-	0.8	-	-	1.0	-
Ill-Defined and Unknown Sites-----	12.7	14.1	11.1	12.4	15.0	14.3	9.3	14.4	9.2
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	0.2	-	-	-	-	-	-	-	-

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

- Rates are not generated for cells with counts of five or less.

**TABLE D3.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, WHITE FEMALES

PRIMARY SITE:	NEW ORLEANS LOUISIANA	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION	
INVASIVE CANCERS									
All Sites Combined-----	406.4	413.5	393.3	410.6	416.0	418.6	376.3	410.5	402.3
Oral Cavity and Pharynx-----	6.3	6.1	5.7	5.8	5.3	6.6	7.6	6.9	7.7
Lip-----	0.3	-	-	0.6	-	-	-	0.5	0.9
Tongue-----	1.7	1.8	1.8	1.6	1.5	2.3	1.4	1.7	1.8
Salivary Gland-----	0.7	0.5	0.8	0.5	-	1.5	-	0.7	1.2
Floor of Mouth-----	0.5	0.3	-	0.8	-	-	-	-	0.7
Gum and Other Mouth-----	1.4	1.5	1.3	1.1	1.4	0.9	1.7	1.5	1.5
Nasopharynx-----	0.4	0.4	-	-	-	-	-	-	-
Tonsil-----	0.6	0.6	0.6	-	0.7	-	1.0	0.7	-
Oropharynx-----	0.2	-	-	-	-	-	-	-	-
Hypopharynx-----	0.4	0.5	-	-	-	-	-	0.6	-
Other-----	0.1	-	-	-	-	-	-	-	-
Digestive System-----	71.3	69.0	73.2	68.9	72.4	76.1	74.5	70.1	70.7
Esophagus-----	1.7	1.5	1.6	1.9	1.6	1.3	1.7	2.1	1.9
Stomach-----	4.0	3.9	3.3	5.5	3.1	4.3	3.7	3.6	4.8
Small Intestine-----	1.5	1.4	1.7	1.8	1.3	-	1.2	1.5	2.1
Colon and Rectum-----	46.1	43.9	48.4	43.5	44.7	50.0	50.0	46.8	46.5
Colon -----	34.3	32.3	36.6	33.3	33.1	34.8	35.2	34.6	36.6
Rectum and Rectosigmoid Junction-----	11.9	11.6	11.8	10.1	11.6	15.3	14.9	12.2	9.8
Anus, Anal Canal and Anorectum-----	1.6	1.6	2.4	1.7	0.6	1.7	1.4	1.8	1.8
Liver and Intrahepatic Bile Duct-----	2.8	4.2	2.4	2.6	2.1	3.3	2.3	2.2	2.8
Liver-----	2.5	3.8	2.2	2.1	1.8	2.7	2.3	1.7	2.4
Intrahepatic Bile Duct-----	0.4	0.4	-	0.5	-	-	-	0.5	-
Gallbladder-----	1.0	1.2	1.1	0.9	1.0	-	-	1.2	1.2
Other Biliary Tract-----	1.3	0.9	0.9	0.9	1.9	2.6	1.1	1.9	1.4
Pancreas-----	10.1	9.2	10.6	8.7	14.8	10.2	11.4	8.1	7.7
Retroperitoneum-----	0.3	-	-	-	-	-	-	-	-
Peritoneum, Omentum and Mesentery-----	0.6	0.6	0.8	0.5	0.7	-	-	-	-
Other-----	0.2	0.3	-	0.6	-	-	-	-	-
Respiratory System-----	63.4	65.4	57.0	62.4	68.0	66.1	55.7	67.3	63.9
Nose, Nasal Cavity and Middle Ear-----	0.5	0.7	0.6	-	-	-	-	-	-
Larynx-----	2.2	2.6	2.0	2.1	2.8	2.7	2.6	1.6	1.6
Lung and Bronchus-----	60.5	61.8	54.2	59.8	64.8	63.0	52.6	65.0	61.7
Pleura-----	-	-	-	-	-	-	-	-	-
Trachea and Other-----	0.2	-	-	-	-	-	-	-	-
Bones and Joints-----	0.9	0.9	1.0	1.3	0.6	-	1.1	0.9	-
Soft Tissue (Incl. heart)-----	2.8	3.0	3.1	2.4	3.7	2.1	2.7	2.5	2.5
Skin (Excl. basal and squamous)-----	12.3	10.8	13.1	11.5	10.6	16.0	10.3	12.6	17.8
Melanoma of the Skin-----	11.2	9.4	12.2	10.8	9.5	14.9	9.3	11.9	15.4
Other Non-Epithelial Skin-----	1.1	1.3	1.0	0.7	1.1	1.1	1.0	0.7	2.4
Breast-----	121.6	128.8	124.0	126.2	122.4	120.0	96.9	123.3	110.8

Female Genital System-----	42.6	43.9	40.3	41.8	41.0	44.2	42.0	45.0	46.1
Cervix Uteri-----	8.4	7.7	7.6	7.2	8.7	11.3	8.2	9.6	9.6
Corpus and Uterus, NOS-----	17.4	17.4	17.0	17.0	17.9	17.7	14.5	18.2	20.1
Corpus Uteri-----	16.9	16.8	16.2	16.4	17.6	17.0	14.4	17.9	19.7
Uterus, NOS-----	0.5	0.6	0.8	0.7	-	-	-	-	-
Ovary-----	12.8	13.8	11.8	13.8	11.7	10.8	13.9	13.1	12.6
Vagina-----	0.8	0.9	1.0	0.7	-	0.9	1.1	0.6	-
Vulva-----	2.9	3.4	2.7	2.8	2.2	3.3	3.9	3.3	2.8
Other-----	0.3	0.7	-	-	-	-	-	-	-
Urinary System-----	21.8	23.5	19.5	24.5	22.5	22.1	20.7	21.0	18.6
Urinary Bladder (Incl. In Situ)-----	9.2	10.8	8.1	10.1	8.8	9.1	8.3	8.5	8.2
Kidney and Renal Pelvis-----	12.0	12.1	10.8	14.0	13.1	12.2	12.3	11.8	9.4
Ureter-----	0.4	0.5	0.6	-	-	-	-	-	0.8
Other-----	0.2	-	0.0	-	-	-	-	-	-
Eye and Orbit-----	0.7	0.7	0.6	0.9	0.5	-	-	0.8	1.0
Brain and Nervous System-----	5.4	4.7	6.9	4.9	4.2	4.6	8.4	4.8	5.7
Brain-----	5.0	4.5	6.6	4.6	3.8	4.6	7.3	4.2	5.6
Cranial Nerves and Other NS-----	0.3	-	-	-	-	-	-	-	-
Endocrine System-----	13.1	12.2	8.8	15.7	18.5	12.7	10.9	12.2	14.3
Thyroid-----	12.5	11.2	8.3	15.0	18.0	12.3	10.4	11.4	13.6
Thymus and Other Endocrine-----	0.7	1.0	0.5	0.7	0.5	-	-	0.8	-
Lymphoma-----	20.5	21.0	19.2	19.9	22.2	24.5	19.4	18.9	19.1
Hodgkin Lymphoma-----	2.8	2.9	2.5	2.1	3.3	4.1	2.1	3.0	2.7
Non-Hodgkin Lymphoma-----	17.7	18.1	16.6	17.7	18.9	20.4	17.2	15.9	16.4
Myeloma-----	3.8	3.3	4.1	2.8	2.9	3.9	5.0	4.2	5.4
Leukemia-----	10.0	9.2	8.7	11.5	9.7	8.3	10.8	11.9	9.7
Lymphocytic-----	4.4	3.2	3.7	4.3	4.9	4.5	5.4	6.0	5.2
Acute Lymphocytic -----	1.0	1.1	0.7	1.2	1.3	-	-	1.3	-
Chronic Lymphocytic-----	3.1	1.9	2.7	3.0	3.4	2.6	4.1	4.2	4.4
Other-----	0.3	-	-	-	-	-	-	0.5	-
Myeloid and Monocytic Leukemia-----	4.8	5.4	4.3	5.5	4.4	3.1	5.0	5.2	3.9
Acute Myeloid Leukemia-----	3.1	3.1	2.8	3.8	2.4	2.4	3.5	3.2	2.9
Acute Monocytic Leukemia-----	0.3	0.5	-	-	-	-	0.0	-	-
Chronic Myeloid Leukemia-----	1.3	1.4	1.0	1.3	1.7	-	1.5	1.8	0.8
Other Myeloid/Monocytic Leukemia-----	0.2	0.4	-	-	-	-	-	-	-
Other Leukemia-----	0.8	0.7	0.8	1.7	-	-	-	0.8	-
Other Acute Leukemia-----	0.4	-	-	1.1	-	-	-	-	-
Aleukemic, Subleukemic and NOS-----	0.4	0.5	0.5	0.6	-	-	-	0.5	-
Mesothelioma-----	0.5	1.0	0.6	0.6	-	-	-	-	-
Kaposi Sarcoma-----	0.2	0.3	-	-	-	-	-	-	-
Ill-Defined and Unknown Sites-----	9.2	9.9	7.4	9.4	11.2	10.3	9.3	7.7	7.7
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	23.0	26.9	22.7	23.9	21.0	19.9	16.8	27.0	17.7

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

- Rates are not generated for cells with counts of five or less.

**TABLE D4.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, BLACK MALES

PRIMARY SITE:	NEW ORLEANS LOUISIANA	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION	
INVASIVE CANCERS									
All Sites Combined-----	687.0	677.2	717.8	684.4	691.4	636.7	684.7	696.4	665.4
Oral Cavity and Pharynx-----	20.9	19.4	22.2	17.4	22.7	22.0	20.0	24.5	18.1
Lip-----	-	-	-	-	-	-	-	-	-
Tongue-----	3.6	2.9	3.5	4.0	4.9	-	5.3	4.1	3.7
Salivary Gland-----	1.5	1.3	-	-	-	-	-	-	-
Floor of Mouth-----	1.9	2.0	1.3	-	3.7	-	-	2.0	-
Gum and Other Mouth-----	3.1	3.3	3.2	-	3.5	6.0	-	2.6	2.9
Nasopharynx-----	1.9	1.6	1.9	-	-	-	-	2.1	-
Tonsil-----	3.1	2.8	5.3	2.5	2.2	5.0	-	2.7	-
Oropharynx-----	1.5	1.0	-	-	-	-	-	3.7	-
Hypopharynx-----	2.9	2.8	3.8	-	-	-	-	3.9	-
Other-----	1.1	1.7	-	-	-	-	-	-	-
Digestive System-----	148.3	155.0	144.7	161.1	148.8	124.1	157.5	157.4	115.5
Esophagus-----	10.7	8.9	9.5	13.9	11.3	11.4	14.9	12.9	8.7
Stomach-----	21.1	22.3	20.6	25.6	18.9	17.5	20.8	22.9	16.7
Small Intestine-----	3.6	4.3	2.9	3.1	4.1	-	-	4.2	3.5
Colon and Rectum-----	77.5	81.3	77.3	79.7	81.2	63.1	82.1	81.5	58.8
Colon -----	58.5	61.4	60.6	55.4	56.5	53.0	67.9	63.0	41.7
Rectum and Rectosigmoid Junction-----	19.0	19.8	16.7	24.4	24.7	10.0	14.1	18.4	17.2
Anus, Anal Canal and Anorectum-----	1.2	1.7	1.2	-	-	-	-	-	-
Liver and Intrahepatic Bile Duct-----	12.4	15.7	13.8	10.5	9.5	9.4	9.8	12.4	7.0
Liver-----	11.8	14.6	13.0	10.5	9.5	7.8	9.8	11.7	7.0
Intrahepatic Bile Duct-----	0.6	-	-	-	-	-	-	-	-
Gallbladder-----	1.3	1.6	-	-	-	-	-	-	-
Other Biliary Tract-----	1.8	1.5	-	-	3.6	-	-	2.5	-
Pancreas-----	18.1	16.8	17.5	20.4	19.0	15.6	24.2	17.2	19.2
Retroperitoneum-----	-	-	-	-	-	-	-	-	-
Peritoneum, Omentum and Mesentery-----	-	-	-	-	-	-	-	-	-
Other-----	0.6	1.0	-	-	-	-	-	-	-
Respiratory System-----	147.3	149.0	139.2	150.7	164.4	135.8	144.2	142.0	150.0
Nose, Nasal Cavity and Middle Ear-----	1.1	1.4	-	-	-	-	-	-	-
Larynx-----	15.6	17.9	13.3	15.3	18.2	9.2	12.9	14.0	17.1
Lung and Bronchus-----	130.4	129.2	124.7	134.4	145.3	126.6	129.8	127.3	130.2
Pleura-----	-	-	-	-	-	-	-	-	-
Trachea and Other-----	0.2	-	-	-	-	-	-	-	-
Bones and Joints-----	0.9	1.5	-	-	-	-	-	-	-
Soft Tissue (Incl. heart)-----	3.1	2.1	3.4	4.1	1.9	-	-	5.7	4.7
Skin (Excl. basal and squamous)-----	2.4	2.1	3.7	-	2.5	-	-	2.2	2.5
Melanoma of the Skin-----	1.3	0.9	2.8	-	-	-	-	-	-
Other Non-Epithelial Skin-----	1.1	1.2	-	-	-	-	-	-	-
Breast-----	1.8	2.2	-	-	3.2	-	-	-	-

Male Genital System-----	243.0	218.6	280.9	228.0	236.1	223.6	248.9	250.5	262.4
Prostate-----	240.0	215.6	276.7	224.3	233.4	221.2	244.0	248.0	261.5
Testis-----	1.5	2.0	1.4	2.4	1.5	-	-	-	-
Penis-----	1.5	0.8	2.8	-	-	-	-	2.1	-
Other-----	-	-	-	-	-	-	-	-	-
Urinary System-----	42.3	44.5	44.9	46.1	42.2	47.4	38.5	37.9	32.6
Urinary Bladder (Incl. In Situ)-----	19.3	22.7	19.0	18.2	18.3	27.0	17.9	15.1	14.9
Kidney and Renal Pelvis-----	22.3	21.0	25.8	27.4	22.6	18.8	18.6	22.4	17.7
Ureter-----	0.5	-	-	-	-	-	-	-	-
Other-----	-	-	-	-	-	-	-	-	-
Eye and Orbit-----	0.4	-	-	-	-	-	-	-	-
Brain and Nervous System-----	5.2	4.7	5.6	3.0	4.0	5.0	4.3	5.5	10.2
Brain-----	5.0	4.3	5.6	2.6	4.0	5.0	3.9	5.2	9.6
Cranial Nerves and Other NS-----	0.3	-	-	-	-	-	-	-	-
Endocrine System-----	2.5	2.8	1.8	-	3.3	-	-	3.0	2.8
Thyroid-----	1.7	1.8	1.6	-	-	-	-	2.3	-
Thymus and Other Endocrine-----	0.8	1.1	-	-	-	-	-	-	-
Lymphoma-----	18.8	23.1	19.9	18.9	15.4	25.5	11.4	16.2	10.2
Hodgkin Lymphoma-----	2.3	2.1	2.8	2.6	1.5	4.3	-	1.6	-
Non-Hodgkin Lymphoma-----	16.5	20.9	17.0	16.3	13.8	21.2	8.5	14.6	8.8
Myeloma-----	16.2	15.6	17.9	12.1	15.5	8.9	13.3	16.9	23.5
Leukemia-----	13.6	11.6	13.5	17.3	12.7	13.1	15.3	17.0	12.0
Lymphocytic-----	6.3	6.0	5.8	7.8	5.9	-	6.1	7.8	6.7
Acute Lymphocytic -----	1.0	0.8	0.8	-	-	-	-	1.2	-
Chronic Lymphocytic-----	4.9	4.9	4.8	6.2	4.4	-	5.7	6.3	4.4
Other-----	0.3	-	-	-	-	-	-	-	-
Myeloid and Monocytic Leukemia-----	5.4	3.6	6.5	6.5	5.2	8.1	7.4	6.2	4.4
Acute Myeloid Leukemia-----	3.3	2.4	3.8	2.5	4.1	6.3	4.8	3.1	-
Acute Monocytic Leukemia-----	-	-	-	-	-	-	-	-	-
Chronic Myeloid Leukemia-----	1.7	0.7	2.1	3.6	-	-	-	2.2	-
Other Myeloid/Monocytic Leuke-----	0.4	-	-	-	-	-	-	-	-
Other Leukemia-----	1.9	2.0	1.3	2.9	-	-	-	3.0	-
Other Acute Leukemia-----	0.7	-	-	-	-	-	-	-	-
Aleukemic, Subleukemic and NOS-----	1.3	1.6	-	-	-	-	-	-	-
Mesothelioma-----	1.4	2.3	-	4.3	-	-	-	-	-
Kaposi Sarcoma-----	1.3	2.5	-	-	-	-	-	-	-
Ill-Defined and Unknown Sites-----	17.5	19.9	16.2	16.9	16.1	19.1	21.4	14.6	16.3

IN SITU CANCERS (NOT INCLUDED ABOVE)

Breast In Situ-----

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

- Rates are not generated for cells with counts of five or less.

**TABLE D5.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, BLACK FEMALES

PRIMARY SITE:	NEW ORLEANS LOUISIANA	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION	
INVASIVE CANCERS									
All Sites Combined-----	399.6	402.3	406.1	388.4	420.0	411.0	398.3	384.3	386.3
Oral Cavity and Pharynx-----	5.0	5.2	4.4	5.9	4.4	5.5	5.9	5.1	4.6
Lip-----	-	-	-	-	-	-	-	-	-
Tongue-----	0.8	0.6	-	-	-	-	-	1.5	-
Salivary Gland-----	0.9	0.8	1.2	-	-	-	-	-	-
Floor of Mouth-----	0.3	-	-	-	-	-	-	-	-
Gum and Other Mouth-----	1.3	1.3	-	-	-	-	-	1.3	-
Nasopharynx-----	0.4	0.5	-	-	-	-	-	-	-
Tonsil-----	0.6	-	-	-	-	-	-	-	-
Oropharynx-----	0.2	-	-	-	-	-	-	-	-
Hypopharynx-----	0.2	-	-	-	-	-	-	-	-
Other-----	0.2	-	-	-	-	-	-	-	-
Digestive System-----	96.7	96.9	102.4	98.8	99.0	106.3	93.5	92.0	88.4
Esophagus-----	2.7	2.3	3.2	2.8	2.3	-	4.8	3.1	2.4
Stomach-----	11.0	10.3	12.7	17.5	10.9	8.5	9.5	10.1	9.3
Small Intestine-----	2.5	3.1	3.1	-	1.9	-	-	2.8	-
Colon and Rectum-----	57.5	56.5	57.6	51.9	59.9	69.2	57.3	60.4	53.1
Colon -----	44.3	42.9	44.5	39.3	48.8	52.1	44.3	45.1	43.3
Rectum and Rectosigmoid Junction-----	13.2	13.6	13.1	12.5	11.1	17.2	13.0	15.3	9.7
Anus, Anal Canal and Anorectum-----	1.1	1.4	1.6	-	-	-	-	-	-
Liver and Intrahepatic Bile Duct-----	3.4	4.8	4.4	4.0	1.7	4.3	-	1.4	2.5
Liver-----	3.0	4.8	3.6	3.1	-	4.3	-	1.2	2.1
Intrahepatic Bile Duct-----	0.4	-	-	-	-	-	-	-	-
Gallbladder-----	1.9	2.0	1.9	3.4	-	-	-	2.1	-
Other Biliary Tract-----	1.2	1.1	1.5	-	-	-	-	-	-
Pancreas-----	14.4	14.5	15.6	16.3	18.7	15.3	12.5	9.3	14.0
Retroperitoneum-----	0.2	-	-	-	-	-	-	-	-
Peritoneum, Omentum and Mesentery-----	0.3	-	-	-	-	-	-	-	-
Other-----	0.4	0.7	-	-	-	-	-	-	-
Respiratory System-----	51.7	57.5	44.0	52.5	55.4	63.2	67.2	42.1	43.7
Nose, Nasal Cavity and Middle Ear-----	0.5	0.7	-	-	-	-	-	-	-
Larynx-----	2.2	2.2	2.8	-	2.6	-	-	2.1	-
Lung and Bronchus-----	48.9	54.4	40.6	50.9	52.0	60.4	64.9	40.0	42.3
Pleura-----	-	-	-	-	-	-	-	-	-
Trachea and Other-----	-	-	-	-	-	-	-	-	-
Bones and Joints-----	0.7	0.8	-	-	-	-	-	-	-
Soft Tissue (Incl. heart)-----	3.5	2.7	3.4	5.0	4.8	-	-	4.7	3.4
Skin (Excl. basal and squamous)-----	2.0	2.3	2.0	-	1.9	-	-	1.5	2.2
Melanoma of the Skin-----	1.2	1.1	1.1	-	1.6	-	-	1.3	-
Other Non-Epithelial Skin-----	0.9	1.2	1.0	-	-	-	-	-	-
Breast-----	123.7	124.6	134.1	109.2	130.1	122.0	103.0	123.0	119.1

Female Genital System-----	46.0	43.3	47.2	42.3	41.9	46.8	45.1	51.3	51.5
Cervix Uteri-----	14.2	12.3	14.0	12.7	12.2	17.8	16.9	17.3	17.1
Corpus and Uterus, NOS-----	17.8	17.5	18.5	17.3	16.1	17.6	12.8	18.4	22.4
Corpus Uteri-----	17.0	16.4	18.2	16.8	14.9	16.6	11.7	17.8	21.0
Uterus, NOS-----	0.9	1.0	-	-	-	-	-	-	-
Ovary-----	10.1	9.4	10.3	9.4	10.4	9.7	12.4	10.7	8.9
Vagina-----	1.0	0.8	1.1	-	0.0	-	1.2	-	-
Vulva-----	2.3	2.9	2.3	-	2.1	-	-	2.5	-
Other-----	0.6	-	0.9	-	-	-	-	1.2	-
Urinary System-----	17.3	16.8	16.8	19.6	19.7	10.3	27.9	14.8	16.8
Urinary Bladder (Incl. In Situ)-----	6.4	6.9	6.2	3.8	8.4	-	9.9	5.5	5.9
Kidney and Renal Pelvis-----	10.5	9.7	10.5	14.2	10.7	7.3	16.9	8.5	10.9
Ureter-----	0.2	-	-	-	-	-	-	-	-
Other-----	0.2	-	-	-	-	-	-	-	-
Eye and Orbit-----	0.2	-	-	-	-	-	-	-	-
Brain and Nervous System-----	3.5	3.4	3.7	5.0	1.9	4.0	-	3.7	4.0
Brain-----	3.2	3.0	3.5	4.6	1.9	4.0	-	3.7	3.6
Cranial Nerves and Other NS-----	0.2	-	-	-	-	-	-	-	-
Endocrine System-----	7.5	7.8	4.4	10.8	11.9	4.7	6.9	7.0	6.6
Thyroid-----	6.7	6.7	3.6	9.4	11.4	4.2	6.3	6.6	6.6
Thymus and Other Endocrine-----	0.8	1.1	0.8	-	-	-	-	-	-
Lymphoma-----	12.9	12.6	12.2	11.8	15.7	13.4	11.5	12.8	13.3
Hodgkin Lymphoma-----	1.6	2.1	1.3	-	-	-	-	1.7	1.5
Non-Hodgkin Lymphoma-----	11.3	10.5	10.9	10.5	14.6	12.7	10.1	11.1	11.8
Myeloma-----	9.1	7.3	10.7	7.8	9.6	6.9	10.2	10.5	10.2
Leukemia-----	8.1	7.6	8.8	8.8	9.0	6.7	8.5	6.9	10.2
Lymphocytic-----	3.0	2.9	2.8	3.3	4.0	-	5.0	1.7	4.0
Acute Lymphocytic -----	0.8	1.1	-	-	1.6	-	-	-	-
Chronic Lymphocytic-----	2.1	1.5	2.2	2.8	2.1	-	4.6	-	3.5
Other-----	-	-	-	-	-	-	-	-	-
Myeloid and Monocytic Leukemia-----	4.0	3.8	4.9	-	4.4	5.5	-	3.9	5.3
Acute Myeloid Leukemia-----	2.5	2.9	3.1	-	1.6	4.0	-	2.0	2.8
Acute Monocytic Leukemia-----	-	-	-	-	-	-	-	-	-
Chronic Myeloid Leukemia-----	1.1	0.6	1.2	-	2.6	-	-	1.4	-
Other Myeloid/Monocytic Leukemia-----	0.2	-	-	-	-	-	-	-	-
Other Leukemia-----	1.1	0.9	-	3.4	-	-	-	1.3	-
Other Acute Leukemia-----	0.3	-	-	-	-	-	-	-	-
Alekemic, Subleukemic and NOS-----	0.7	0.8	-	-	-	-	-	-	-
Mesothelioma-----	0.3	0.8	-	-	-	-	-	-	-
Kaposi Sarcoma-----	-	-	-	-	-	-	-	-	-
Ill-Defined and Unknown Sites-----	11.2	12.5	10.7	6.4	12.8	18.0	12.0	8.0	12.0
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	19.9	23.4	16.1	18.5	19.2	19.6	15.7	24.7	11.4

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

- Rates are not generated for cells with counts of five or less.

**TABLE E1. TEN MOST COMMON CANCERS: COMPARISON OF AVERAGE ANNUAL INCIDENCE RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, WHITE MALES**

PRIMARY SITE:	U.S. <sup>2</sup>	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
<b>INVASIVE CANCERS</b>										
All Sites Combined-----	556.7	596.3 *	580.9 * †	578.5 * †	590.0 *	618.8 * †	625.1 * †	587.4 *	620.2 * †	587.4 *
Prostate-----	161.4	161.0	138.0 * †	163.7	155.9	181.0 * †	182.8 * †	154.4	174.9 * †	147.7 * †
Lung and Bronchus-----	81.0	107.3 *	105.2 *	97.4 * †	101.6 *	109.6 *	115.4 *	121.4 * †	111.0 *	111.7 *
Colon and Rectum-----	60.4	69.8 *	65.3 *	68.4 *	71.6 *	72.1 *	63.5	77.8 *	74.9 *	69.4 *
Urinary Bladder (incl. In Situ)-----	40.5	40.3	42.1	41.2	45.3 * †	37.9	34.5 * †	36.1	38.7	41.0
Non-Hodgkin Lymphoma-----	24.1	24.6	25.1	25.4	27.7 *	24.8	30.4 * †	19.3 * †	21.4	20.5 †
Kidney and Renal Pelvis-----	18.3	22.2 *	24.8 *	23.1 *	21.4 *	21.4 *	22.6 *	20.2	22.0 *	17.8 †
Oral Cavity and Pharynx-----	15.7	18.9 *	18.3 *	18.3 *	17.9	16.1 †	19.3	18.6	20.3 *	26.6 * †
Melanoma of the Skin-----	27.2	18.8 *	16.6 *	19.5 *	14.8 * †	16.7 *	21.4 *	16.8 *	23.3 * †	26.0 †
Leukemia-----	16.7	17.4	14.1 * †	15.4	14.9	19.7 *	18.7	20.8	21.4 * †	18.9
Pancreas-----	12.8	14.1 *	15.7 *	13.0	13.8	15.0	11.8	16.5 *	11.6	14.9

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

2. U.S. incidence rate estimates are from the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute.

\* The age-adjusted rate is significantly different ( $p<0.05$ ) from the U.S. rate (SEER combined).

† The age-adjusted rate is significantly different ( $p<0.05$ ) from the Louisiana rate

**TABLE E2.** TEN MOST COMMON CANCERS: COMPARISON OF AVERAGE ANNUAL INCIDENCE RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, WHITE FEMALES

PRIMARY SITE:	U.S. <sup>2</sup>	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS										
All Sites Combined-----	423.9	406.4 *	413.5 *	393.3 * †	410.6 *	416.0	418.6	376.3 * †	410.5 *	402.3 *
Breast-----	132.5	121.6 *	128.8 †	124.0 *	126.2 *	122.4 *	120.0 *	96.9 * †	123.3 *	110.8 * †
Lung and Bronchus-----	54.6	60.5 *	61.8 *	54.2 †	59.8 *	64.8 *	63.0 *	52.6 †	65.0 *	61.7 *
Colon and Rectum-----	44.0	46.1 *	43.9	48.4 *	43.5	44.7	50.0 *	50.0 *	46.8	46.5
Non-Hodgkin Lymphoma-----	17.0	17.7	18.1	16.6	17.7	18.9	20.4	17.2	15.9	16.4
Corpus and Uterus, NOS-----	24.3	17.4 *	17.4 *	17.0 *	17.0 *	17.9 *	17.7 *	14.5 *	18.2 *	20.1 *
Ovary-----	14.3	12.8 *	13.8	11.8 *	13.8	11.7 *	10.8 *	13.9	13.1	12.6
Thyroid-----	13.2	12.5	11.2 *	8.3 * †	15.0 †	18.0 * †	12.3	10.4 *	11.4	13.6
Kidney and Renal Pelvis-----	9.1	12.0 *	12.1 *	10.8	14.0 *	13.1 *	12.2 *	12.3 *	11.8 *	9.4 †
Melanoma of the Skin-----	17.6	11.2 *	9.4 * †	12.2 *	10.8 *	9.5 *	14.9 †	9.3 *	11.9 *	15.4 †
Pancreas-----	9.9	10.1	9.2	10.6	8.7	14.8 * †	10.2	11.4	8.1 * †	7.7 * †

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

2. U.S. incidence rate estimates are from the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute.

\* The age-adjusted rate is significantly different ( $p<0.05$ ) from the U.S. rate (SEER combined).

† The age-adjusted rate is significantly different ( $p<0.05$ ) from the Louisiana rate

**TABLE E3. TEN MOST COMMON CANCERS: COMPARISON OF AVERAGE ANNUAL INCIDENCE RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, BLACK MALES**

PRIMARY SITE:	U.S. <sup>2</sup>	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
<b>INVASIVE CANCERS</b>										
All Sites Combined-----	663.7	687.0 *	677.2	717.8 * †	684.4	691.4	636.7	684.7	696.4 *	665.4
Prostate-----	255.5	240.0 *	215.6 * †	276.7 * †	224.3 *	233.4 *	221.2 *	244.0	248.0	261.5
Lung and Bronchus-----	110.6	130.4 *	129.2 *	124.7 *	134.4 *	145.3 *	126.6	129.8	127.3 *	130.2 *
Colon and Rectum-----	72.6	77.5 *	81.3 *	77.3	79.7	81.2	63.1	82.1	81.5	58.8 * †
Kidney and Renal Pelvis-----	20.4	22.3	21.0	25.8 *	27.4	22.6	18.8	18.6	22.4	17.7
Stomach-----	17.5	21.1 *	22.3 *	20.6	25.6	18.9	17.5	20.8	22.9	16.7
Oral Cavity and Pharynx-----	18.1	20.9 *	19.4	22.2	17.4	22.7	22.0	20.0	24.5 *	18.1
Urinary Bladder-----	20.3	19.3	22.7	19.0	18.2	18.3	27.0	17.9	15.1 *	14.9
Pancreas-----	16.2	18.1	16.8	17.5	20.4	19.0	15.6	24.2	17.2	19.2
Non-Hodgkin Lymphoma-----	18.1	16.5	20.9 †	17.0	16.3	13.8	21.2	8.5 * †	14.6	8.8 * †
Myeloma-----	14.0	16.2 *	15.6	17.9	12.1	15.5	8.9 †	13.3	16.9	23.5 *

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

2. U.S. incidence rate estimates are from the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute.

\* The age-adjusted rate is significantly different ( $p<0.05$ ) from the U.S. rate (SEER combined).

† The age-adjusted rate is significantly different ( $p<0.05$ ) from the Louisiana rate

**TABLE E4.** TEN MOST COMMON CANCERS: COMPARISON OF AVERAGE ANNUAL INCIDENCE RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, BLACK FEMALES

PRIMARY SITE:	U.S. <sup>2</sup>	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS										
All Sites Combined-----	396.9	399.6	402.3	406.1	388.4	420.0 *	411.0	398.3	384.3	386.3
Breast-----	118.3	123.7 *	124.6	134.1 * †	109.2 †	130.1	122.0	103.0 * †	123.0	119.1
Colon and Rectum-----	55.0	57.5	56.5	57.6	51.9	59.9	69.2	57.3	60.4	53.1
Lung and Bronchus-----	53.7	48.9 *	54.4 †	40.6 * †	50.9	52.0	60.4	64.9 †	40.0 * †	42.3 *
Corpus and Uterus, NOS-----	19.6	17.8 *	17.5	18.5	17.3	16.1	17.6	12.8 *	18.4	22.4
Pancreas-----	13.9	14.4	14.5	15.6	16.3	18.7 *	15.3	12.5	9.3 * †	14.0
Cervix Uteri-----	11.4	14.2 *	12.3	14.0	12.7	12.2	17.8	16.9	17.3 *	17.1 *
Non-Hodgkin Lymphoma-----	11.9	11.3	10.5	10.9	10.5	14.6	12.7	10.1	11.1	11.8
Stomach-----	9.1	11.0 *	10.3	12.7 *	17.5 * †	10.9	8.5	9.5	10.1	9.3
Kidney and Renal Pelvis-----	9.7	10.5	9.7	10.5	14.2	10.7	7.3	16.9 * †	8.5	10.9
Ovary-----	10.1	10.1	9.4	10.3	9.4	10.4	9.7	12.4	10.7	8.9

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

2. U.S. incidence rate estimates are from the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute.

\* The age-adjusted rate is significantly different ( $p<0.05$ ) from the U.S. rate (SEER combined).

† The age-adjusted rate is significantly different ( $p<0.05$ ) from the Louisiana rate

**TABLE F. COMPARISON OF AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY SELECTED PRIMARY SITE, RACE AND SEX, 2000-2004,  
LOUISIANA, INDUSTRIAL CORRIDOR<sup>2</sup> AND THE U.S.<sup>3</sup>**

PRIMARY SITE:	WHITE MALES			WHITE FEMALES			BLACK MALES			BLACK FEMALES		
	U.S.		INDUSTRIAL	U.S.		INDUSTRIAL	U.S.		INDUSTRIAL	U.S.		INDUSTRIAL
	LOUISIANA	CORRIDOR	LOUISIANA	CORRIDOR	LOUISIANA	CORRIDOR	LOUISIANA	CORRIDOR	LOUISIANA	CORRIDOR	LOUISIANA	CORRIDOR
<b>INVASIVE CANCERS</b>												
All Sites Combined-----	556.7	596.3 *	576.8 *	423.9	406.4 *	397.9 *	663.7	687.0 *	718.2 *	396.9	399.6	409.1
Oral Cavity and Pharynx-----	15.7	18.9 *	17.3	6.1	6.3	5.9	18.1	20.9 *	19.2	5.7	5.0	5.2
Esophagus-----	8.0	8.2	8.2	1.9	1.7 *	1.2 *	10.4	10.7	8.4	3.2	2.7	3.3
Stomach-----	10.2	9.2 *	8.3	4.7	4.0 *	2.9 *	17.5	21.1 *	23.9 *	9.1	11.0 *	13.0 *
Colon and Rectum-----	60.4	69.8 *	64.0	44.0	46.1 *	49.1 *	72.6	77.5 *	81.9	55.0	57.5	54.1
Colon -----	42.2	49.1 *	44.5	33.0	34.3 *	37.6 *	54.9	58.5	63.1	43.1	44.3	41.9
Rectum and Rectosigmoid Junction--	18.3	20.7 *	19.5	11.0	11.9 *	11.5	17.6	19.0	18.8	11.9	13.2	12.3
Pancreas-----	12.8	14.1 *	13.0	9.9	10.1	9.8	16.2	18.1	18.0	13.9	14.4	16.6
Larynx-----	6.5	9.4 *	6.1	1.4	2.2 *	1.5	11.6	15.6 *	11.5	2.0	2.2	2.5
Lung and Bronchus-----	81.0	107.3 *	91.7 *	54.6	60.5 *	55.3	110.6	130.4 *	119.6	53.7	48.9 *	39.6 *
Breast-----	1.2	1.1	1.2	132.5	121.6 *	126.6	1.7	1.8	-	118.3	123.7 *	135.2 *
Cervix Uteri-----	-	-	-	8.5	8.4	6.9 *	-	-	-	11.4	14.2 *	12.4
Corpus and Uterus, NOS-----	-	-	-	24.3	17.4 *	16.7 *	-	-	-	19.6	17.8 *	18.2
Ovary-----	-	-	-	14.3	12.8 *	12.3	-	-	-	10.1	10.1	11.4
Prostate-----	161.4	161.0	171.1 *	-	-	-	255.5	240.0 *	272.6	-	-	-
Testis-----	6.3	6.1	6.3	-	-	-	1.4	1.5	1.7	-	-	-
Urinary Bladder (Incl. In Situ)-----	40.5	40.3	43.8	10.1	9.2 *	9.3	20.3	19.3	18.9	7.6	6.4 *	6.0
Kidney and Renal Pelvis-----	18.3	22.2 *	22.7 *	9.1	12.0 *	10.8	20.4	22.3	27.1 *	9.7	10.5	10.9
Brain and Nervous System-----	8.3	8.3	7.8	5.9	5.4	7.0	4.9	5.2	5.2	3.5	3.5	3.5
Hodgkin Lymphoma-----	3.2	3.6 *	2.9	2.6	2.8	2.6	2.8	2.3	2.9	2.1	1.6 *	1.6
Non-Hodgkin Lymphoma-----	24.1	24.6	24.7	17.0	17.7	16.3	18.1	16.5	15.9	11.9	11.3	12.6
Myeloma-----	6.6	6.2	6.1	4.1	3.8	4.2	14.0	16.2 *	17.4	9.5	9.1	10.8
Leukemia-----	16.7	17.4	15.9	9.9	10.0	9.3	13.2	13.6	15.9	8.1	8.1	10.2

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

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

3. U.S. incidence rate estimates are from the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute.

- Rates are not generated for cells with counts of five or less.

\* The age-adjusted rate is significantly different ( $p<0.05$ ) from the U.S. rate (SEER combined).

# Mortality Tables

**TABLE G1.** NUMBER OF CANCER DEATHS<sup>1</sup> (5 YEARS COMBINED) BY SITE, RACE AND SEX, 2000-2004, LOUISIANA

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
All Sites Combined-----	47324	25340	21984	32819	17483	15336	14220	7701	6519
Oral Cavity and Pharynx-----	758	548	210	490	345	145	263	198	65
Lip-----	5	4	1	5	4	1	0	0	0
Tongue-----	135	94	41	99	68	31	36	26	10
Salivary Gland-----	48	27	21	39	24	15	9	3	6
Floor of Mouth-----	5	5	0	4	4	0	1	1	0
Gum and Other Mouth-----	121	84	37	71	49	22	50	35	15
Nasopharynx-----	57	36	21	36	20	16	18	13	5
Tonsil-----	36	26	10	27	19	8	9	7	2
Oropharynx-----	72	53	19	41	29	12	30	23	7
Hypopharynx-----	28	22	6	18	13	5	10	9	1
Other-----	251	197	54	150	115	35	100	81	19
Digestive System-----	11284	6250	5034	7454	4180	3274	3726	2007	1719
Esophagus-----	969	762	207	669	533	136	295	225	70
Stomach-----	1101	664	437	520	323	197	562	328	234
Small Intestine-----	74	35	39	54	24	30	20	11	9
Colon and Rectum-----	4854	2518	2336	3276	1736	1540	1548	764	784
Colon -----	4191	2135	2056	2807	1459	1348	1359	662	697
Rectum and Rectosigmoid Junction-----	663	383	280	469	277	192	189	102	87
Anus, Anal Canal and Anorectum-----	23	5	18	21	3	18	2	2	0
Liver and Intrahepatic Bile Duct-----	1380	888	492	925	580	345	422	286	136
Liver-----	1213	808	405	800	522	278	384	265	119
Intrahepatic Bile Duct-----	167	80	87	125	58	67	38	21	17
Gallbladder-----	131	38	93	87	28	59	43	10	33
Other Biliary Tract-----	79	36	43	55	25	30	22	10	12
Pancreas-----	2562	1253	1309	1772	891	881	777	357	420
Retroperitoneum-----	15	7	8	12	6	6	3	1	2
Peritoneum, Omentum and Mesentery-----	26	7	19	21	6	15	5	1	4
Other-----	70	37	33	42	25	17	27	12	15
Respiratory System-----	14798	9102	5696	10696	6347	4349	4031	2708	1323
Nose, Nasal Cavity and Middle Ear-----	29	19	10	26	16	10	3	3	0
Larynx-----	421	346	75	251	205	46	168	139	29
Lung and Bronchus-----	14313	8713	5600	10392	6108	4284	3853	2560	1293
Pleura-----	14	12	2	12	10	2	2	2	0
Trachea and Other-----	21	12	9	15	8	7	5	4	1
Bones and Joints-----	148	80	68	98	49	49	48	30	18
Soft Tissue (Incl. heart)-----	245	116	129	170	84	86	75	32	43
Skin (Excl. basal and squamous)-----	623	390	233	556	346	210	65	42	23
Melanoma of the Skin-----	467	285	182	430	265	165	36	19	17
Other Non-Epithelial Skin-----	156	105	51	126	81	45	29	23	6
Breast-----	3652	41	3611	2304	25	2279	1326	16	1310

Female Genital System-----	1901	-	1901	1213	-	1213	679	-	679
Cervix Uteri-----	340	-	340	151	-	151	186	-	186
Corpus and Uterus, NOS-----	434	-	434	219	-	219	213	-	213
Corpus Uteri-----	182	-	182	94	-	94	87	-	87
Uterus, NOS-----	252	-	252	125	-	125	126	-	126
Ovary-----	1025	-	1025	778	-	778	243	-	243
Vagina-----	41	-	41	25	-	25	16	-	16
Vulva-----	38	-	38	26	-	26	12	-	12
Other-----	23	-	23	14	-	14	9	-	9
Male Genital System-----	2516	2516	-	1467	1467	-	1038	1038	-
Prostate-----	2474	2474	-	1438	1438	-	1026	1026	-
Testis-----	29	29	-	23	23	-	5	5	-
Penis-----	11	11	-	5	5	-	6	6	-
Other-----	2	2	-	1	1	-	1	1	-
Urinary System-----	1960	1220	740	1496	944	552	457	272	185
Urinary Bladder-----	781	507	274	599	403	196	178	102	76
Kidney and Renal Pelvis-----	1134	686	448	865	520	345	266	164	102
Ureter-----	12	8	4	10	6	4	2	2	0
Other-----	33	19	14	22	15	7	11	4	7
Eye and Orbit-----	18	9	9	18	9	9	0	0	0
Brain and Nervous System-----	949	527	422	755	422	333	189	103	86
Endocrine System-----	216	81	135	150	61	89	65	20	45
Thyroid-----	130	44	86	93	34	59	37	10	27
Thymus and Other Endocrine-----	86	37	49	57	27	30	28	10	18
Lymphoma-----	1773	896	877	1437	730	707	323	159	164
Hodgkin Lymphoma-----	105	49	56	82	38	44	21	9	12
Non-Hodgkin Lymphoma-----	1668	847	821	1355	692	663	302	150	152
Myeloma-----	909	497	412	546	296	250	360	200	160
Leukemia-----	1661	918	743	1247	693	554	404	221	183
Lymphocytic-----	419	250	169	307	178	129	109	71	38
Acute Lymphocytic -----	90	56	34	58	38	20	30	17	13
Chronic Lymphocytic-----	297	179	118	231	132	99	65	47	18
Other-----	32	15	17	18	8	10	14	7	7
Myeloid and Monocytic Leukemia-----	732	404	328	561	323	238	165	79	86
Acute Myeloid Leukemia-----	575	320	255	446	258	188	124	60	64
Acute Monocytic Leukemia-----	8	2	6	7	2	5	1	0	1
Chronic Myeloid Leukemia-----	100	56	44	67	42	25	32	14	18
Other Myeloid/Monocytic Leukemia-----	49	26	23	41	21	20	8	5	3
Other Leukemia-----	510	264	246	379	192	187	130	71	59
Other Acute Leukemia-----	140	63	77	114	51	63	25	11	14
Alekemic, Subleukemic and NOS-----	370	201	169	265	141	124	105	60	45
Ill-Defined and Unknown Sites-----	3913	2149	1764	2722	1485	1237	1171	655	516

1 Underlying mortality data provided by National Center for Health Statistics (NCHS)

- Not Applicable

**TABLE G2.** PERCENT DISTRIBUTION OF CANCER DEATHS<sup>1</sup> BY SITE, RACE AND SEX, 2000–2004, 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	1.0	1.5	2.0	0.9	1.8	2.6	1.0
Lip-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tongue-----	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.3	0.2
Salivary Gland-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1
Floor of Mouth-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gum and Other Mouth-----	0.3	0.3	0.2	0.2	0.3	0.1	0.4	0.5	0.2
Nasopharynx-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Tonsil-----	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0
Oropharynx-----	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.3	0.1
Hypopharynx-----	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0
Other-----	0.5	0.8	0.2	0.5	0.7	0.2	0.7	1.1	0.3
Digestive System-----	23.8	24.7	22.9	22.7	23.9	21.3	26.2	26.1	26.4
Esophagus-----	2.0	3.0	0.9	2.0	3.0	0.9	2.1	2.9	1.1
Stomach-----	2.3	2.6	2.0	1.6	1.8	1.3	4.0	4.3	3.6
Small Intestine-----	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1
Colon and Rectum-----	10.3	9.9	10.6	10.0	9.9	10.0	10.9	9.9	12.0
Colon -----	8.9	8.4	9.4	8.6	8.3	8.8	9.6	8.6	10.7
Rectum and Rectosigmoid Junction-----	1.4	1.5	1.3	1.4	1.6	1.3	1.3	1.3	1.3
Anus, Anal Canal and Anorectum-----	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
Liver and Intrahepatic Bile Duct-----	2.9	3.5	2.2	2.8	3.3	2.2	3.0	3.7	2.1
Liver-----	2.6	3.2	1.8	2.4	3.0	1.8	2.7	3.4	1.8
Intrahepatic Bile Duct-----	0.4	0.3	0.4	0.4	0.3	0.4	0.3	0.3	0.3
Gallbladder-----	0.3	0.1	0.4	0.3	0.2	0.4	0.3	0.1	0.5
Other Biliary Tract-----	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.2
Pancreas-----	5.4	4.9	6.0	5.4	5.1	5.7	5.5	4.6	6.4
Retroperitoneum-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peritoneum, Omentum and Mesentery-----	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1
Other-----	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2
Respiratory System-----	31.3	35.9	25.9	32.6	36.3	28.4	28.3	35.2	20.3
Nose, Nasal Cavity and Middle Ear-----	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0
Larynx-----	0.9	1.4	0.3	0.8	1.2	0.3	1.2	1.8	0.4
Lung and Bronchus-----	30.2	34.4	25.5	31.7	34.9	27.9	27.1	33.2	19.8
Pleura-----	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Trachea and Other-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Bones and Joints-----	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
Soft Tissue (Incl. heart)-----	0.5	0.5	0.6	0.5	0.5	0.6	0.5	0.4	0.7
Skin (Excl. basal and squamous)-----	1.3	1.5	1.1	1.7	2.0	1.4	0.5	0.5	0.4
Melanoma of the Skin-----	1.0	1.1	0.8	1.3	1.5	1.1	0.3	0.2	0.3
Other Non-Epithelial Skin-----	0.3	0.4	0.2	0.4	0.5	0.3	0.2	0.3	0.1
Breast-----	7.7	0.2	16.4	7.0	0.1	14.9	9.3	0.2	20.1

Female Genital System-----	4.0	-	8.6	3.7	-	7.9	4.8	-	10.4
Cervix Uteri-----	0.7	-	1.5	0.5	-	1.0	1.3	-	2.9
Corpus and Uterus, NOS-----	0.9	-	2.0	0.7	-	1.4	1.5	-	3.3
Corpus Uteri-----	0.4	-	0.8	0.3	-	0.6	0.6	-	1.3
Uterus, NOS-----	0.5	-	1.1	0.4	-	0.8	0.9	-	1.9
Ovary-----	2.2	-	4.7	2.4	-	5.1	1.7	-	3.7
Vagina-----	0.1	-	0.2	0.1	-	0.2	0.1	-	0.2
Vulva-----	0.1	-	0.2	0.1	-	0.2	0.1	-	0.2
Other-----	0.0	-	0.1	0.0	-	0.1	0.1	-	0.1
Male Genital System-----	5.3	9.9	-	4.5	8.4	-	7.3	13.5	-
Prostate-----	5.2	9.8	-	4.4	8.2	-	7.2	13.3	-
Testis-----	0.1	0.1	-	0.1	0.1	-	0.0	0.1	-
Penis-----	0.0	0.0	-	0.0	0.0	-	0.0	0.1	-
Other-----	0.0	0.0	-	0.0	0.0	#VALUE!	0.0	0.0	-
Urinary System-----	4.1	4.8	3.4	4.6	5.4	3.6	3.2	3.5	2.8
Urinary Bladder-----	1.7	2.0	1.2	1.8	2.3	1.3	1.3	1.3	1.2
Kidney and Renal Pelvis-----	2.4	2.7	2.0	2.6	3.0	2.2	1.9	2.1	1.6
Ureter-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other-----	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Eye and Orbit-----	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
Brain and Nervous System-----	2.0	2.1	1.9	2.3	2.4	2.2	1.3	1.3	1.3
Endocrine System-----	0.5	0.3	0.6	0.5	0.3	0.6	0.5	0.3	0.7
Thyroid-----	0.3	0.2	0.4	0.3	0.2	0.4	0.3	0.1	0.4
Thymus and Other Endocrine-----	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.3
Lymphoma-----	3.7	3.5	4.0	4.4	4.2	4.6	2.3	2.1	2.5
Hodgkin Lymphoma-----	0.2	0.2	0.3	0.2	0.2	0.3	0.1	0.1	0.2
Non-Hodgkin Lymphoma-----	3.5	3.3	3.7	4.1	4.0	4.3	2.1	1.9	2.3
Myeloma-----	1.9	2.0	1.9	1.7	1.7	1.6	2.5	2.6	2.5
Leukemia-----	3.5	3.6	3.4	3.8	4.0	3.6	2.8	2.9	2.8
Lymphocytic-----	0.9	1.0	0.8	0.9	1.0	0.8	0.8	0.9	0.6
Acute Lymphocytic -----	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2
Chronic Lymphocytic-----	0.6	0.7	0.5	0.7	0.8	0.6	0.5	0.6	0.3
Other-----	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1
Myeloid and Monocytic Leukemia-----	1.5	1.6	1.5	1.7	1.8	1.6	1.2	1.0	1.3
Acute Myeloid Leukemia-----	1.2	1.3	1.2	1.4	1.5	1.2	0.9	0.8	1.0
Acute Monocytic Leukemia-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic Myeloid Leukemia-----	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Other Myeloid/Monocytic Leukemia-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Other Leukemia-----	1.1	1.0	1.1	1.2	1.1	1.2	0.9	0.9	0.9
Other Acute Leukemia-----	0.3	0.2	0.4	0.3	0.3	0.4	0.2	0.1	0.2
Alekemic, Subleukemic and NOS-----	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.7
Ill-Defined and Unknown Sites-----	8.3	8.5	8.0	8.3	8.5	8.1	8.2	8.5	7.9

1 Underlying mortality data provided by National Center for Health Statistics (NCHS)

- Not Applicable

**TABLE H. AVERAGE ANNUAL CANCER MORTALITY RATES<sup>1,2</sup> BY SITE, RACE AND SEX, 2000-2004, LOUISIANA**

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
All Sites Combined-----	223.6	291.0	179.5	208.7	267.1	170.0	271.5	376.3	207.2
Oral Cavity and Pharynx-----	3.5	5.8	1.7	3.1	4.9	1.6	4.7	8.6	2.0
Lip-----	-	-	-	-	-	-	-	-	-
Tongue-----	0.6	1.0	0.3	0.6	1.0	0.3	0.6	1.1	0.3
Salivary Gland-----	0.2	0.3	0.2	0.2	0.4	0.2	0.2	-	0.2
Floor of Mouth-----	-	-	0.0	-	-	0.0	-	-	-
Gum and Other Mouth-----	0.6	0.9	0.3	0.5	0.7	0.2	0.9	1.5	0.5
Nasopharynx-----	0.3	0.4	0.2	0.2	0.3	0.2	0.3	0.6	-
Tonsil-----	0.2	0.3	0.1	0.2	0.3	0.1	0.2	0.3	-
Oropharynx-----	0.3	0.6	0.2	0.3	0.4	0.1	0.5	1.0	0.2
Hypopharynx-----	0.1	0.2	0.1	0.1	0.2	-	0.2	0.4	-
Other-----	1.2	2.1	0.4	0.9	1.7	0.4	1.8	3.6	0.6
Digestive System-----	53.5	70.9	40.6	47.5	63.4	35.5	72.3	96.6	55.8
Esophagus-----	4.5	8.2	1.7	4.2	7.7	1.5	5.5	10.0	2.3
Stomach-----	5.2	7.7	3.5	3.3	4.9	2.1	11.1	16.6	7.6
Small Intestine-----	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.5	0.3
Colon and Rectum-----	23.1	29.2	18.8	20.9	26.9	16.7	30.2	37.7	25.3
Colon -----	20.0	25.0	16.5	18.0	22.8	14.5	26.6	32.9	22.5
Rectum and Rectosigmoid Junction-----	3.1	4.3	2.3	3.0	4.1	2.1	3.6	4.8	2.8
Anus, Anal Canal and Anorectum-----	0.1	-	0.2	0.1	-	0.2	-	-	-
Liver and Intrahepatic Bile Duct-----	6.5	9.7	4.0	5.9	8.6	3.7	7.8	12.7	4.4
Liver-----	5.7	8.8	3.3	5.1	7.8	3.0	7.1	11.6	3.8
Intrahepatic Bile Duct-----	0.8	0.9	0.7	0.8	0.9	0.7	0.7	1.1	0.5
Gallbladder-----	0.6	0.4	0.8	0.5	0.4	0.6	0.8	0.6	1.0
Other Biliary Tract-----	0.4	0.5	0.3	0.4	0.4	0.3	0.5	0.6	0.4
Pancreas-----	12.2	14.2	10.6	11.2	13.4	9.6	15.3	17.2	13.8
Retroperitoneum-----	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-
Peritoneum, Omentum and Mesentery-----	0.1	0.1	0.2	0.1	0.1	0.2	-	-	-
Other-----	0.3	0.4	0.3	0.3	0.4	0.2	0.5	0.7	0.5
Respiratory System-----	69.4	101.3	46.8	67.4	93.8	48.4	76.4	127.5	42.5
Nose, Nasal Cavity and Middle Ear-----	0.1	0.2	0.1	0.2	0.2	0.1	-	-	-
Larynx-----	1.9	3.7	0.6	1.6	2.9	0.5	3.1	6.3	0.9
Lung and Bronchus-----	67.2	97.1	46.0	65.5	90.4	47.7	73.1	120.8	41.6
Pleura-----	0.1	0.1	-	0.1	0.2	-	-	-	-
Trachea and Other-----	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-
Bones and Joints-----	0.7	0.9	0.6	0.6	0.8	0.6	0.8	1.2	0.5
Soft Tissue (Incl. heart)-----	1.1	1.3	1.1	1.1	1.3	1.0	1.3	1.2	1.3
Skin (Excl. basal and squamous)-----	2.9	4.4	1.9	3.6	5.2	2.3	1.2	2.0	0.7
Melanoma of the Skin-----	2.2	3.1	1.5	2.8	3.9	1.9	0.7	1.0	0.5
Other Non-Epithelial Skin-----	0.8	1.3	0.4	0.8	1.3	0.5	0.5	1.1	0.2
Breast-----	17.1	0.5	29.8	14.7	0.4	25.7	23.9	0.9	40.3

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Female Genital System-----	9.0	-	15.7	7.7	-	13.7	12.8	-	21.5
Cervix Uteri-----	1.6	-	2.9	1.0	-	1.9	3.2	-	5.6
Corpus and Uterus, NOS-----	2.1	-	3.6	1.4	-	2.5	4.2	-	7.0
Corpus Uteri-----	0.9	-	1.5	0.6	-	1.1	1.7	-	2.8
Uterus, NOS-----	1.2	-	2.1	0.8	-	1.4	2.5	-	4.1
Ovary-----	4.8	-	8.4	4.9	-	8.7	4.6	-	7.8
Vagina-----	0.2	-	0.3	0.2	-	0.3	0.3	-	0.5
Vulva-----	0.2	-	0.3	0.2	-	0.3	0.2	-	0.4
Other-----	0.1	-	0.2	0.1	-	0.1	0.1	-	0.3
Male Genital System-----	12.3	34.0	-	9.5	26.2	-	21.9	61.5	-
Prostate-----	12.1	33.5	-	9.3	25.8	-	21.7	61.0	-
Testis-----	0.1	0.3	-	0.2	0.3	-	-	-	-
Penis-----	0.1	0.1	-	-	-	-	0.1	0.4	-
Other-----	-	-	-	-	-	-	-	-	-
Urinary System-----	9.3	14.3	5.9	9.5	14.6	6.0	8.9	13.5	6.0
Urinary Bladder-----	3.8	6.5	2.2	3.9	6.8	2.0	3.7	5.8	2.5
Kidney and Renal Pelvis-----	5.3	7.4	3.6	5.5	7.5	3.8	5.0	7.4	3.3
Ureter-----	0.1	0.1	-	0.1	0.1	-	-	-	-
Other-----	0.2	0.2	0.1	0.1	0.2	0.1	0.2	-	0.2
Eye and Orbit-----	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-
Brain and Nervous System-----	4.4	5.6	3.5	4.9	6.1	3.9	3.2	4.0	2.6
Endocrine System-----	1.0	0.8	1.1	1.0	0.9	1.0	1.2	0.8	1.4
Thyroid-----	0.6	0.5	0.7	0.6	0.5	0.7	0.7	0.5	0.9
Thymus and Other Endocrine-----	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.5
Lymphoma-----	8.4	10.3	7.1	9.2	11.3	7.7	6.0	7.0	5.2
Hodgkin Lymphoma-----	0.5	0.5	0.5	0.5	0.6	0.5	0.3	0.4	0.3
Non-Hodgkin Lymphoma-----	7.9	9.7	6.6	8.7	10.7	7.2	5.6	6.6	4.9
Myeloma-----	4.3	5.7	3.3	3.5	4.5	2.7	7.1	10.2	5.2
Leukemia-----	7.9	10.7	6.0	8.0	10.8	6.1	7.6	10.5	5.7
Lymphocytic-----	2.0	2.9	1.4	2.0	2.8	1.4	2.1	3.5	1.2
Acute Lymphocytic -----	0.4	0.6	0.3	0.4	0.5	0.3	0.5	0.7	0.4
Chronic Lymphocytic-----	1.4	2.2	0.9	1.5	2.1	1.0	1.3	2.5	0.6
Other-----	0.2	0.2	0.1	0.1	0.1	0.1	0.3	0.4	0.2
Myeloid and Monocytic Leukemia-----	3.4	4.6	2.7	3.6	4.9	2.7	2.9	3.4	2.6
Acute Myeloid Leukemia-----	2.7	3.6	2.1	2.9	3.9	2.1	2.2	2.7	2.0
Acute Monocytic Leukemia-----	-	-	-	-	-	-	-	-	-
Chronic Myeloid Leukemia-----	0.5	0.6	0.4	0.4	0.6	0.3	0.5	0.5	0.5
Other Myeloid/Monocytic Leukemia-----	0.2	0.3	0.2	0.3	0.3	0.2	0.2	-	-
Other Leukemia-----	2.5	3.2	2.0	2.4	3.1	2.0	2.5	3.6	1.9
Other Acute Leukemia-----	0.7	0.7	0.6	0.7	0.8	0.7	0.5	0.6	0.4
Alekemic, Subleukemic and NOS-----	1.8	2.5	1.3	1.7	2.3	1.3	2.1	3.1	1.4
Ill-Defined and Unknown Sites-----	18.5	24.5	14.3	17.3	22.9	13.6	22.2	30.7	16.5

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

2. Louisiana mortality rates estimated from the National Center for Health Statistics (NCHS)

- Rates are not generated for cells with counts of five or less.

**TABLE I.** COMPARISON OF AVERAGE ANNUAL CANCER MORTALITY RATES<sup>1</sup> BY SELECTED SITE, RACE AND SEX, 2000-2004, LOUISIANA AND THE U.S.<sup>2</sup>

PRIMARY SITE:	WHITE MALES		WHITE FEMALES		BLACK MALES		BLACK FEMALES	
	U.S.	LOUISIANA	U.S.	LOUISIANA	U.S.	LOUISIANA	U.S.	LOUISIANA
All Sites Combined-----	234.7	267.1 *	161.4	170.0 *	321.8	376.3 *	189.3	207.2 *
Oral Cavity and Pharynx-----	3.8	4.9 *	1.5	1.6	6.8	8.6 *	1.7	2.0
Esophagus-----	7.7	7.7	1.7	1.5 *	10.2	10.0	3.0	2.3 *
Stomach-----	5.2	4.9	2.6	2.1 *	11.9	16.6 *	5.8	7.6 *
Colon and Rectum-----	22.9	26.9 *	15.9	16.7 *	32.7	37.7 *	22.9	25.3 *
Pancreas-----	12.0	13.4 *	9.0	9.6 *	15.5	17.2	12.4	13.8 *
Larynx-----	2.2	2.9 *	0.5	0.5	5.0	6.3 *	0.8	0.9
Lung and Bronchus-----	72.6	90.4 *	42.1	47.7 *	95.8	120.8 *	39.8	41.6
Breast-----	0.3	0.4	25.0	25.7	0.6	0.9	33.8	40.3 *
Cervix Uteri-----	-	-	2.3	1.9 *	-	-	4.9	5.6
Corpus and Uterus, NOS-----	-	-	3.9	2.5 *	-	-	7.1	7.0
Ovary-----	-	-	9.2	8.7	-	-	7.4	7.8
Prostate-----	25.6	25.8	-	-	62.3	61.0	-	-
Testis-----	0.3	0.3	-	-	0.2	-	-	-
Urinary Bladder-----	7.9	6.8 *	2.3	2.0 *	5.3	5.8	2.8	2.5
Kidney and Renal Pelvis-----	6.2	7.5 *	2.8	3.8	6.1	7.4 *	2.8	3.3
Brain and Nervous System-----	5.8	6.1	3.9	3.9	3.2	4.0	2.2	2.6
Hodgkin Lymphoma-----	0.6	0.6	0.4	0.5	0.5	0.4	0.3	0.3
Non-Hodgkin Lymphoma-----	9.9	10.7 *	6.4	7.2 *	6.5	6.6	4.3	4.9
Myeloma-----	4.4	4.5	2.8	2.7	8.5	10.2 *	6.3	5.2 *
Leukemia-----	10.3	10.8	5.8	6.1	8.8	10.5 *	5.3	5.7

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

2. U.S. mortality rate estimates are from the National Center for Health Statistics

- Rates are not generated for cells with counts of five or less.

\* The age-adjusted rate is significantly different ( $p<0.05$ ) from the U.S. rate.

**TABLE J1. TEN MOST COMMON CANCER DEATHS: COMPARISON OF AVERAGE ANNUAL MORTALITY RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, WHITE MALES**

PRIMARY SITE:	U.S. <sup>2</sup>	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
<b>INVASIVE CANCERS</b>										
All Sites Combined-----	234.7	267.1 *	274.2 *	252.6 * †	268.6 *	270.2 *	275.5 *	280.2 *	264.3 *	261.0 *
Lung and Bronchus-----	72.6	90.4 *	85.1 *	85.0 *	90.4 *	90.6 *	98.6 *	105.1 * †	91.6 *	92.3 *
Colon and Rectum-----	22.9	26.9 *	27.9 *	25.2	28.1 *	30.0 *	24.9	27.4	28.4 *	21.7 †
Prostate-----	25.6	25.8	25.7	24.0	25.6	28.0	26.1	25.3	24.5	27.5
Pancreas-----	12.0	13.4 *	13.9	12.0	11.6	14.9 *	13.6	17.6 * †	12.3	12.8
Leukemia-----	10.3	10.8	11.1	10.5	9.8	9.9	8.9	12.7	12.6	11.4
Non-Hodgkin Lymphoma-----	9.9	10.7 *	10.2	10.6	11.7	11.3	11.7	8.9	10.1	11.2
Liver-----	5.3	7.8 *	10.8 * †	7.8 *	9.0 *	5.9 †	10.8 * †	5.3 †	4.8 †	5.6
Esophagus-----	7.7	7.7	8.9	7.4	7.9	7.1	7.9	6.7	8.3	6.5
Kidney and Renal Pelvis-----	6.2	7.5 *	8.8 *	7.2	6.1	7.7	9.7 *	7.4	6.1	7.6
Urinary Bladder-----	7.9	6.8 *	8.0	6.0 *	5.2 *	8.5	6.5	7.1	5.3 *	6.7

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

2. U.S. mortality rate estimates are from the National Center for Health Statistics

\* The age-adjusted rate is significantly different ( $p<0.05$ ) from the U.S. rate.

† The age-adjusted rate is significantly different ( $p<0.05$ ) from the Louisiana rate

**TABLE J2. TEN MOST COMMON CANCER DEATHS: COMPARISON OF AVERAGE ANNUAL MORTALITY RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, WHITE FEMALES**

PRIMARY SITE:	U.S. <sup>2</sup>	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
<b>INVASIVE CANCERS</b>										
All Sites Combined-----	161.4	170.0 *	174.9 *	161.7 †	165.6	175.7 *	184.1 * †	173.8 *	167.4	161.6
Lung and Bronchus-----	42.1	47.7 *	48.4 *	42.4 †	46.8 *	50.4 *	51.2 *	45.1	52.2 *	45.5
Breast-----	25.0	25.7	28.0 *	25.0	25.0	26.9	25.3	27.2	22.0 * †	26.5
Colon and Rectum-----	15.9	16.7 *	16.3	17.5	16.9	16.0	17.2	18.0	17.8	13.5 †
Pancreas-----	9.0	9.6 *	9.2	9.5	9.2	12.7 * †	9.2	12.5 * †	7.3 * †	7.5 †
Ovary-----	9.2	8.7	9.8	8.4	7.7	8.2	7.4	7.1 *	9.7	10.1
Non-Hodgkin Lymphoma-----	6.4	7.2 *	7.6 *	6.8	6.4	7.7	10.5 * †	7.7	6.2	5.9
Leukemia-----	5.8	6.1	6.6	5.8	6.3	5.4	6.1	6.7	5.6	5.9
Brain and Nervous System-----	3.9	3.9	3.3	4.6	3.2	2.9 *	4.5	5.7 *	3.8	4.5
Kidney and Renal Pelvis-----	2.8	3.8 *	3.5	3.5	3.7	5.4 * †	4.6 *	4.3	3.2	2.7
Liver-----	1.9	3.0 *	3.4 *	3.0 *	2.2	1.8 †	4.7 *	3.8 *	2.7	3.6 *

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

2. U.S. mortality rate estimates are from the National Center for Health Statistics

\* The age-adjusted rate is significantly different ( $p<0.05$ ) from the U.S. rate.

† The age-adjusted rate is significantly different ( $p<0.05$ ) from the Louisiana rate

**TABLE J3. TEN MOST COMMON CANCER DEATHS: COMPARISON OF AVERAGE ANNUAL MORTALITY RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, BLACK MALES**

PRIMARY SITE:	U.S. <sup>2</sup>	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
<b>INVASIVE CANCERS</b>										
All Sites Combined-----	321.8	376.3 *	390.8 *	368.6 *	396.3 *	360.0 *	330.6 †	367.6 *	386.2 *	366.1 *
Lung and Bronchus-----	95.8	120.8 *	126.0 *	114.5 *	138.4 *	123.2 *	110.7	122.6 *	113.1 *	117.1 *
Prostate-----	62.3	61.0	59.0	65.0	61.0	45.7 * †	34.6 * †	56.9	67.0	84.1 * †
Colon and Rectum-----	32.7	37.7 *	43.9 *	32.3	39.3	30.7	30.9	37.8	42.9 *	31.1
Pancreas-----	15.5	17.2	14.7	16.6	20.4	22.5 *	12.9	19.2	18.1	16.6
Stomach-----	11.9	16.6 *	17.4 *	17.4 *	15.6	16.3	15.7	14.3	19.7 *	13.1
Liver-----	8.9	11.6 *	16.1 * †	11.7	9.0	9.2	11.2	6.7	10.4	6.4 †
Leukemia-----	8.8	10.5 *	11.8 *	11.6	7.1	9.7	9.1	10.1	11.3	8.4
Myeloma-----	8.5	10.2 *	11.3	8.5	10.0	7.7	8.0	6.4	12.9 *	13.1
Esophagus-----	10.2	10.0	7.2 * †	8.6	13.8	11.7	9.9	11.4	13.9	8.8
Oral Cavity and Pharynx-----	6.8	8.6 *	7.6	6.3	8.8	11.6 *	19.9 * †	6.8	8.2	9.0

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

2. U.S. mortality rate estimates are from the National Center for Health Statistics

\* The age-adjusted rate is significantly different ( $p<0.05$ ) from the U.S. rate.

† The age-adjusted rate is significantly different ( $p<0.05$ ) from the Louisiana rate

**TABLE J4.** TEN MOST COMMON CANCER DEATHS: COMPARISON OF AVERAGE ANNUAL MORTALITY RATES<sup>1</sup> BY GEOGRAPHIC REGION, 2000-2004, BLACK FEMALES

PRIMARY SITE:	U.S. <sup>2</sup>	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS										
All Sites Combined-----	189.3	207.2 *	219.9 * †	199.7	216.8 *	207.8 *	210.8	212.4 *	190.5 †	203.0
Lung & Bronchus-----	39.8	41.6	47.1 * †	36.1	43.4	43.2	42.9	55.2 * †	35.0 †	35.1
Breast-----	33.8	40.3 *	42.6 *	39.2 *	42.4 *	38.5	40.8	33.4	37.6	45.5 *
Colon and Rectum-----	22.9	25.3 *	27.4 *	24.5	23.3	27.0	33.4 *	26.4	22.9	21.1
Pancreas-----	12.4	13.8 *	14.5	15.6	11.4	15.7	18.9	10.3	11.3	12.7
Ovary-----	7.4	7.8	8.0	6.8	7.4	7.4	7.2	9.2	7.7	8.7
Stomach-----	5.8	7.6 *	7.7 *	8.1	12.6 * †	7.5	2.5 * †	10.5	6.8	5.4
Corpus and Uterus, NOS-----	7.1	7.0	6.7	7.2	9.5	4.2 * †	4.8	5.7	8.5	8.7
Leukemia-----	5.3	5.7	5.7	5.8	5.7	6.6	5.5	7.7	4.8	5.2
Cervix Uteri-----	4.9	5.6	4.5	4.0	4.7	6.2	3.8	8.9 * †	8.9	5.7
Myeloma-----	6.3	5.2 *	4.5 *	5.3	7.4	6.2	4.8	3.5 *	5.2	6.2

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

2. U.S. mortality rate estimates are from the National Center for Health Statistics

- Rates are not generated for cells with counts of five or less.

\* The age-adjusted rate is significantly different ( $p<0.05$ ) from the U.S. rate.

† The age-adjusted rate is significantly different ( $p<0.05$ ) from the Louisiana rate

# Appendices

## Appendix 1

### ***Cancer in Louisiana Monograph Series***

Correa P, Chen VW, Craig JF, Ballinger T, Campbell W, Zavala DE. *Cancer in Louisiana*, [vol. 1]. Baton Rouge: Division of Administration, 1983.

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Groves FD, Craig JF, Correa P, Chen VW, Fontham ETH, Zavala DE. *Cancer in Louisiana*, vol. 5. Baton Rouge: LSU Graphic Services, 1989.

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Chen VW, Fontham E, Groves FD, Craig JF, Correa P. *Cancer Incidence in South Louisiana, 1983–1986*. New Orleans: Epidemiology Section, Louisiana State University Medical Center, and Louisiana Tumor Registry, 1991. (*Cancer in Louisiana*; vol. 7.)

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Wu XC, Correa CN, Andrews PA, Li F, Joy JA, Chen VW. *Cancer Incidence and Mortality in Louisiana, 1989–1993*. New Orleans: Louisiana Tumor Registry, 1998. (*Cancer in Louisiana*; vol. 9.)

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Andrews PA, Wu XC, Correa CN, Schmidt BA, Ahmed MN, Chen VW. *Cancer Incidence and Mortality in Louisiana, 1991–1995*. New Orleans: Louisiana Tumor Registry, 2000. (*Cancer in Louisiana*; vol. 11.)

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*Louisiana*; vol. 13.)

Chen VW, Schmidt BA, Wu XC, Correa CN, Andrews PA, Hsieh MC, Ahmed MN. *Childhood Cancer in Louisiana, 1988–1996*. New Orleans: Louisiana Tumor Registry, 2001. (*Cancer in Louisiana*; vol. 14). Available at <http://publichealth.lsuhsc.edu/tumorregistry>.

Andrews PA, Correa CN, Wu XC, Hsieh MC, Schmidt BA, Chen VW. *Cancer Incidence and Mortality in Louisiana, 1994–1998*. New Orleans: Louisiana Tumor Registry, 2002. (*Cancer in Louisiana*; vol. 15.)

Correa CN, Wu XC, Andrews PA, Hsieh MC, Chen VW. *Cancer Incidence and Mortality in Louisiana, 1995–1999*. New Orleans: Louisiana Tumor Registry, 2003. (*Cancer in Louisiana*; vol. 16.)

Correa CN, Wu XC, Andrews PA, Hsieh MC, Chen VW. *Cancer Incidence and Mortality in Louisiana, 1996–2000*. New Orleans: Louisiana Tumor Registry, 2003. (*Cancer in Louisiana*; vol. 17.)

Correa CN, Wu XC, Andrews PA, Hsieh MC, Chen VW. *Parish Profiles, 1988–2000*. New Orleans: Louisiana Tumor Registry, 2003. (*Cancer in Louisiana*; vol. 18.)

Hsieh MC, Andrews PA, Wu XC, Correa CN, Huang S, Chen L, Lucas HF, Chen VW. *Cancer Incidence and Mortality in Louisiana, 1997–2001*. New Orleans: Louisiana Tumor Registry, 2005. (*Cancer in Louisiana*; vol. 19.) Available at <http://publichealth.lsuhsc.edu/tumorregistry>.

Hsieh M-C, Andrews PA, Correa CN, Wu X, Chen L, Huang S, Lucas HF, Chen VW. *Cancer in Louisiana, 1998–2002*. New Orleans: Louisiana Tumor Registry, 2005. (*Cancer in Louisiana*; vol. 20.) Available only in electronic format, at <http://publichealth.lsuhsc.edu/tumorregistry>.

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## **Appendix 2**

### **Louisiana Tumor Registry Addresses and Phone Numbers**

#### **Central Office**

##### **Louisiana Tumor Registry**

LSUHSC School of Public Health  
UNO Advanced Technology Building  
2021 Lakeshore Dr, Ste 210  
New Orleans, LA 70112

Phone: (504) 280-1564

Fax: (504) 280-1590

#### **Regions 1 and 3**

##### **New Orleans and Southeast Louisiana**

**Regional Tumor Registry**  
LSUHSC School of Public Health  
UNO Advanced Technology Building  
2021 Lakeshore Dr, Ste 210  
New Orleans, LA 70112

Phone: (504) 218-2352

Fax: (504) 280-1590

#### **Region 2**

##### **Baton Rouge Regional Tumor Registry**

4950 Essen Lane  
Baton Rouge, LA 70809

Phone: (225) 767-0430

Fax: (225) 767-4742

#### **Region 4**

##### **Acadiana Tumor Registry**

1204 Johnston Street  
Lafayette, LA 70503

Phone: (337) 237-5398

Fax: (337) 235-9436

#### **Region 5**

##### **Southwest Louisiana**

**Regional Cancer Registry**  
Christus-St. Patrick Hospital of Lake Charles  
524 South Ryan Street  
Lake Charles, LA 70601

Phone: (337) 491-7790

Fax: (337) 430-5471

#### **Regions 6, 7, and 8**

##### **North Louisiana**

**Regional Tumor Registry**  
(Includes Central, Northwest, and  
Northeast Louisiana)

CNSB Room 221/226

University of Louisiana at Monroe  
700 University Avenue  
Monroe, LA 71209-6604

Phone: (800) 342-8192

Fax: (318) 342-1824

## Appendix 3

### SEER Primary Site Recodes for Incidence (*ICD-O-3*)

<b>Primary Site</b>	<b>Site (C) and Morphology (M) Codes</b>	<b>Excluded Morphology (M) Codes</b>
<b>Oral cavity and pharynx</b>		
Lip	C000-C009	
Tongue	C019-C029	
Salivary gland	C079-C089	
Floor of mouth	C040-C049	
Gum and other mouth	C030-C039, C050-C059, C060-C069	
Nasopharynx	C110-C119	9590-9989; sometimes 9050-9055, 9140
Tonsil	C090-C099	
Oropharynx	C100-C109	
Hypopharynx	C129, C130-C139	
Other oral cavity and pharynx	C140, C142-C148	
<b>Digestive system</b>		
Esophagus	C150-C159	
Stomach	C160-C169	9590-9989; sometimes 9050-9055, 9140
Small intestine	C170-C179	
Colon		
Cecum	C180	
Appendix	C181	
Ascending colon	C182	
Hepatic flexure	C183	
Transverse colon	C184	9590-9989; sometimes 9050-9055, 9140
Splenic flexure	C185	
Descending colon	C186	
Sigmoid colon	C187	
Large intestine, NOS	C188-C189, C260	
Rectum		
Rectosigmoid junction	C199	
Rectum	C209	9590-9989; sometimes 9050-9055, 9140
Anus, anal canal, and anorectum	C210-C212, C218	
Liver and intrahepatic bile duct		
Liver	C220	
Intrahepatic bile duct	C221	
Gallbladder	C239	
Other biliary	C240-C249	9590-9989; sometimes 9050-9055, 9140
Pancreas	C250-C259	
Retroperitoneum	C480	
Peritoneum, omentum, and mesent	C481-C482	
Other digestive organs	C268-C269, C488	
<b>Respiratory system</b>		
Nasal cavity, middle ear, and accessory sinuses	C300-C301, C310-C319	
Larynx	C320-C329	
Lung and bronchus	C340-C349	9590-9989; sometimes 9050-9055, 9140
Pleura	C384	
Trachea, Mediastinum, and other respiratory organs	C339, C381-C383, C388, C390, C398, C399	
<b>Bones and joints</b>	C400-C419	9590-9989; sometimes 9050-9055, 9140

## SEER Primary Site Recodes for Incidence (*ICD-O-3*)

<b>Primary Site</b>	<b>Site (C) and Morphology (M) Codes</b>	<b>Excluded Morphology (M) Codes</b>
<b>Soft tissue (including heart)</b>	C380, C470-C479, C490-C499	9590-9989; sometimes 9050-9055, 9140
<b>Skin (excluding basal cell and squamous cell)</b>		
Melanoma of the skin	C440-C449 (M8720-8790)	
Other, non-epithelial	C440-C449	8000-8005, 8010-8045, 8050-8084, 8090-8110, 8720-8790, 9590-9989, and sometimes 9050-9055, 9140
<b>Breast</b>	C500-C509	9590-9989; sometimes 9050-9055, 9140
<b>Female genital system</b>		
Cervix	C530-C539	9590-9989; sometimes 9050-9055, 9140
Corpus and Uterus, NOS		
Corpus uteri	C540-C549	
Uterus, NOS	C559	
Ovary	C569	9590-9989; sometimes 9050-9055, 9140
Vagina	C529	
Vulva	C510-C519	
Other female genital organs	C570-C589	
<b>Male genital system</b>		
Prostate	C619	
Testis	C620-C629	9590-9989; sometimes 9050-9055, 9140
Penis	C600-C609	
Other male genital organs	C630-C639	
<b>Urinary system</b>		
Bladder (including in situ)	C670-C679	
Kidney and renal pelvis	C649, C659	9590-9989; sometimes 9050-9055, 9140
Ureter	C669	
Other urinary organs	C680-C689	
<b>Eye and Orbit</b>	C690-C699	9590-9989; sometimes 9050-9055, 9140
<b>Brain and Other Nervous System</b>		
Brain	C710-C719	9530-9539, 9590-9989; sometimes 9050-9055, 9140
Cranial Nerves and other nervous system	C710-C719 (M-9530-9539), C700-C709, C720-C729	9590-9989; sometimes 9050-9055, 9140
<b>Endocrine system</b>		
Thyroid	C739	9590-9989; sometimes 9050-9055, 9140
Other endocrine (including thymus)	C379, C740-C749, C750-C759	
<b>Lymphoma</b>		
Hodgkin lymphoma		
Nodal	C024, C098-C099, C111, C142, C379, C422, C770-C779 (M-9650-9667)	
Extranodal	All other sites (M-9823, M-9827)	

## SEER Primary Site Recodes for Incidence (*ICD-O-3*)

<b>Primary Site</b>	<b>Site (C) and Morphology (M) Codes</b>	<b>Excluded Morphology (M) Codes</b>
Non-Hodgkin lymphoma		
Nodal	C024, C098-C099, C111, C142, C379, C422, C770-C779 (M-9590-9596, 9670-9671, 9673, 9675, 9678-9680, 9684, 9687, 9689-9691, 9695, 9698-9702, 9705, 9708-9709, 9714-9719, 9727-9729)	
Extranodal	All sites except C024, C098-C099, C111, C142, C379, C422, C770-C779 (M-9590-9596, 9670-9671, 9673, 9675, 9678-0680, 9684, 9687, 9689-9691, 9695, 9698-9702, 9705, 9708- 9709, 9714-9719, 9727-9729)	
	All sites except C024, C098-C099, C111, C421, C379, C420-C422, C424, C770-C779 (M-9823, 9827)	
<b>Myeloma</b>	M-9731-9732, 9734	
<b>Leukemia</b>		
Lymphocytic		
Acute lymphocytic	M-9826, 9835-9837	
Chronic lymphocytic	C420-C421, C424 (M-9823)	
Other lymphocytic	M-9820, 9832-9834, 9940	
Myeloid and Monocytic		
Acute myeloid	M-9840, 9861, 9866, 9867, 9871-9874, 9895-9897, 9910, 9920	
Acute monocytic	M-9891	
Chronic myeloid	M-9863, 9875, 9876, 9945, 9946	
Other myeloid/monocytic	M-9860, 9930	
Other Leukemia		
Other acute	M-9801, 9805, 9931	
Aleukemic, subleukemic, and NOS	M-9733, 9742, 9800, 9831, 9870, 9948, 9963, 9964 C420-C421, C424 (M-9827)	
<b>Mesothelioma</b>	M-9050-9055	
<b>Kaposi sarcoma</b>	M-9140	
<b>Ill-defined and unspecified sites</b>	M-9740-9741, 9750-9758, 9760-9769, 9950, 9960-9962, 9970, 9975, 9980, 9982-9987, 9989 C420-C424, C760-C768, C770-C779, 809    9590-9989; sometimes 9050-9055, 9140	

Source: [http://seer.cancer.gov/csr/1975\\_2003/results\\_merged/topic\\_siterecode.pdf](http://seer.cancer.gov/csr/1975_2003/results_merged/topic_siterecode.pdf)

## Appendix 4

### SEER Site Recodes for Mortality (*ICD-10*)

<b>Site Description</b>	<b>Site Codes</b>
<b>Oral cavity and pharynx</b>	
Lip	C00
Tongue	C01-C02
Salivary gland	C07-C08
Floor of mouth	C04
Gum and other mouth	C03, C05-C06
Nasopharynx	C11
Tonsil	C09
Oropharynx	C10
Hypopharynx	C12-C13
Other oral cavity and pharynx	C14
<b>Digestive system</b>	
Esophagus	C15
Stomach	C16
Small intestine	C17
Colon	C18, C26.0
Rectum	C19-C20
Anus, anal canal, and anorectum	C21
Liver	C22.0, C22.2-C22.4, C22.7, C22.9
Intrahepatic bile duct	C22.1
Gallbladder	C23
Other biliary	C24
Pancreas	C25
Retroperitoneum	C48.0
Peritoneum, omentum, and mesentery	C45.1, C48.1-C48.2
Other digestive organs	C26.8-C26.9, C48.8
<b>Respiratory system</b>	
Nose, nasal cavity, middle ear	C30-C31
Larynx	C32
Lung and bronchus	C34
Pleura	C38.4, C45.0
Trachea, mediastinum, and other respiratory organs	C33, C38.1-C38.3, C38.8, C39
<b>Bones and joints</b>	C40-C41
<b>Soft tissue (including heart)</b>	C47, C49, C38.0, C45.2
<b>Skin (excluding basal and squamous)</b>	
Melanoma of the skin	C43
Other, non-epithelial skin	C44, C46
<b>Breast</b>	C50
<b>Female genital system</b>	
Cervix	C53
Corpus	C54
Uterus, NOS	C55
Ovary	C56
Vagina	C52
Vulva	C51
Other female genital organs	C57-C58

**Appendix 4 (continued)**  
**SEER Site Recodes for Mortality (*ICD-10*)**

<b>Site Description</b>	<b>Site Codes</b>
<b>Male genital organs</b>	
Prostate	C61
Testis	C62
Penis	C60
Other male genital organs	C63
<b>Urinary system</b>	
Urinary bladder	C67
Kidney and renal pelvis	C64-C65
Ureter	C66
Other urinary organs	C68
<b>Eye and orbit</b>	C69
<b>Brain and other nervous system</b>	C70-C72
<b>Endocrine system</b>	
Thyroid	C73
Other endocrine (including thymus)	C37, C74-C75
<b>Lymphoma</b>	
Hodgkin lymphoma	C81
Non-Hodgkin lymphoma	C82-C85, C96.3
<b>Myeloma</b>	C90.0, C90.2
<b>Leukemia</b>	
Lymphocytic	
Acute lymphocytic	C91.0
Chronic lymphocytic	C91.1
Other lymphocytic	C91.2-C91.4, C91.7, C91.9
Myeloid and Monocytic	
Acute myeloid	C92.0, C92.4-C92.5, C94.0, C94.2
Acute monocytic	C93.0
Chronic myeloid	C92.1
Other myeloid/monocytic	C92.2-C92.3, C92.7, C92.9, C93.1-C93.2, C93.7, C93.9
Other leukemia	
Other acute	C94.4-C94.5, C95.0
Aleukemic, subleukemic, and NOS	C90.1, C91.5, C94.1, C94.3, C94.7, C95.1, C95.2, C95.7, C96.0-C96.2, C96.7, C96.9, C97
<b>Mesothelioma</b>	C45
<b>Kaposi sarcoma</b>	C46
<b>Ill-defined and unspecified sites</b>	C26.1, C45.7, C45.9, C76-C80, C88, C96.0-C96.2, C96.7, C96.9, C97

Source: [http://seer.cancer.gov/csr/1975\\_2003/results\\_merged/topic\\_cod.pdf](http://seer.cancer.gov/csr/1975_2003/results_merged/topic_cod.pdf)