

# Cancer in Louisiana

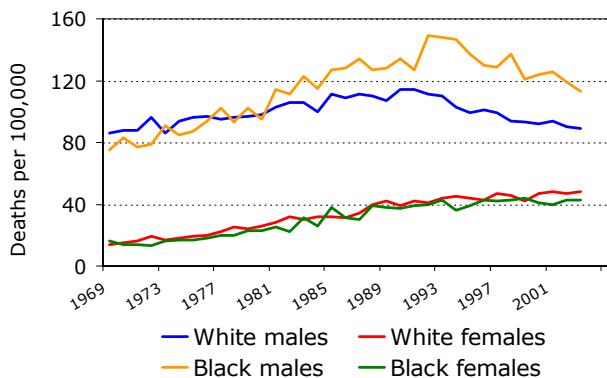
## 1999-2003

CANCER IN LOUISIANA  
VOLUME 21



Louisiana Tumor Registry

*Lung Cancer Mortality in Louisiana  
1969-2003*



\* Annual adjusted rates, age adjusted (U.S. 2000) rates

*Cancer in Louisiana*

Volume 21

# ***Cancer in Louisiana, 1999–2003***

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2006

The work on this monograph was supported in part by the LSU Health Sciences Center in New Orleans, the Centers for Disease Control and Prevention Cooperative Agreements #U75/CCU618724 and #U55/CCU621886, and SEER Contracts #N02-PC-15106 and #NO1-PC-54402 from the National Cancer Institute. The contents of the monograph are solely the responsibility of the authors.

**Suggested Citation:**

Hsieh MC, Andrews PA, Wu XC, Chen L, Huang S, Peters ES, Chen VW. Cancer in Louisiana, 1999-2003. New Orleans: Louisiana Tumor Registry, 2006. (Cancer in Louisiana; vol. 21.)

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## Cancer in Louisiana, 1999–2003: Highlights

### Incidence

- During the five-year period 1999–2003, a total of 103,515 invasive primary cancers were diagnosed among Louisiana residents, or an average of 20,703 cases per year (Table A1).
- For all Louisiana residents combined, the most frequently diagnosed cancers were lung (17%), prostate (16%), breast (14%), colon & rectum (12%), and non-Hodgkin lymphoma (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 cancers (6%), and non-Hodgkin lymphoma (4%) (Table A2).
- Among black men, prostate (33%), lung (20%), colon & rectum (11%), oral cavity (4%), 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 uterine cancer (4%) were the most common (Table A2).
- The five most common cancers for black women were breast (31%), colon & rectum (14%), lung (12%), uterus (4%), and cervix (4%) (Table A2).
- Although the incidence rate cancers of all sites combined among white men in Louisiana was significantly higher than that for their national counterparts, the rates for African American men and women in Louisiana were similar to national levels and that for white women was significantly lower (Tables E1–E4).
- Lung cancer rates have been high historically in Louisiana. For white men and women as well as African-American men, the incidence rates were higher in every geographic region than in the U.S. (Tables E1–E3).
- Louisiana incidence rates were significantly lower than the U.S. rates for lung cancer among black women; prostate cancer for both white and black men; ovary, uterus, and breast among white women; and melanoma of the skin among whites (Tables E1–E4).
- 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 males had significantly higher incidence rates for all cancer sites combined than white males nationwide. The rates for African Americans in the Industrial Corridor were similar to national levels and that for white women was significantly lower (Table F). This is the same pattern seen when the state as a whole is compared with the U.S. (Tables E1–E4).
- Time trends, 1988–2003, for the incidence of major cancers in Louisiana roughly parallel those for the U.S. Lung cancer rates for men have been declining for the past 15 years, but they continue to rise gradually among women. For breast cancer, the disparities among women of both races, nationally and in Louisiana, has almost disappeared. Recently, however, colorectal cancer rates among Louisiana men have exceeded those for their U.S. counterparts (Figures 1, 3, 5, 7, 9, 11, 13, 15).

## **Mortality**

- A total of 47,302, Louisiana residents died from cancer each year during the period 1999–2003, or an average of 9,460 per year (Table G1). 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 (14%), 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 (27%), breast (15%), colon & rectum (10%), pancreas (6%), ovary (5%), and non-Hodgkin lymphoma (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 stomach (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 (Tables J1–J4).
- 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 17% 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%) (Tables E1–E4, J1–J4).
- Mortality from lung cancer has been declining for the past decade among men but rising gradually among women (Figures 6, 8).
- Recently, the death rates from colorectal cancer for Louisiana men have been notably higher than nationally (Figures 14, 16).

*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 (see the discussion of age adjustment on page 8).

# Introduction

*The Louisiana Tumor Registry is pleased to present Volume 21 of its annual Cancer in Louisiana publication series, documenting cancer incidence and mortality in Louisiana from 1999 through 2003. A list of earlier publications in this series can be found in Appendix 1.*

## Purpose of the Registry

The Louisiana Tumor Registry (LTR) is mandated 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.

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. The same rules require strict confidentiality of all data.

Beginning in 1994, the LTR has participated in the National Program of Cancer Registries, funded by the Centers for Disease Control and Prevention (CDC). The next year, 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, providing much of the state funding.

In 2001, after a competitive application process, the Louisiana Tumor Registry was selected an expansion registries on probationary status to join the SEER Program of the National Cancer Institute. Four years later, it became a full member of SEER. As such, the LTR again receives funding 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 12).

## Operations of the Registry

### 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 that are based on Louisiana’s historic Office of Public Health districts. Contact information for the 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 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 facilities such as freestanding pathology labs, treatment centers, outpatient surgical facilities, and urology and dermatology practices.

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

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

Interstate exchange of data with other states began in 1997 in order to ensure a higher level of case ascertainment and data completeness. This permits the LTR to obtain cancer data on residents of Louisiana who have traveled out of state for cancer diagnosis and/or treatment. Louisiana has such agreements with 17 states, including all neighboring states. Strict protocols on patient confidentiality are followed.

### Reportable 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 or 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. Beginning in 2004, benign and borderline tumors (behavior codes of 0 or 1) 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 both 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 in the “U.S. Combined Cancer Incidence Rates” for all volumes of *Cancer in North America* since the inception of the certification process in 1997.

The World Health Organization’s International Association for Research on Cancer includes data from the Louisiana Tumor Registry for its *Cancer Incidence in Five Continents* series.<sup>4</sup>

### **Confidentiality of Data**

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

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

## Presentation of Data

Volume 21 of *Cancer in Louisiana* presents cancer incidence and mortality information about residents of Louisiana diagnosed with cancer between January 1, 1999, and December 31, 2003. Figures 1–16 portray the incidence and mortality rates for cancer in Louisiana and the U.S. over time. Statistics on incidence are found in Tables A–F, and Tables G–J contain 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 places. 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 SEER Program of the National Cancer Institute (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” 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.

### Race

Race and ethnicity for cancer cases are 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 resolve discrepancies although some 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 1999–2003 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.

### 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 will be included in Louisiana statistics.

The SEER Program of the National Cancer Institute has grouped the anatomical site codes from the *International Classification of Diseases*,

*10<sup>th</sup> Revision*<sup>5</sup> (Appendix 4). These groupings are used by cancer surveillance agencies for calculating mortality rates.

## Age Adjustment

Age adjustment allows meaningful comparisons of cancer risk in different areas by controlling for differences in the age distributions of the 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 (Appendix 5). 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 will cause most rates to appear to rise markedly. Thus, incidence and mortality rates in most past volumes should not be compared with those in this or future volumes.

More information on age adjusting can be found at the NAACCR website.<sup>6</sup>

## Comparison Groups

### Incidence

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

The SEER Program estimates in this volume are based on data representing about 14% of the U.S. population. These come from five state registries (Connecticut, Hawaii, Iowa, New Mexico and Utah), six metropolitan areas (Detroit, Atlanta, San Francisco/Oakland,

Seattle/Puget Sound, Los Angeles County, and San José/Monterey), a group of ten rural counties of Georgia, and the combined American Indian/Alaska Natives of Arizona and Alaska. These registries are known as the “SEER 13.”

### 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.

## 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 1999–2003 (Appendix 6).

## Time Trends

Figures 1–16 illustrate incidence and mortality patterns over time. The incidence lines for Louisiana and the U.S. differ in length, reflecting the dates when data were first available. The line for the U.S. is longer, as the SEER Program has compiled data since 1973. Statewide Louisiana data collection, in contrast, began in 1988.

Death information, compiled by the National Center for Health Statistics, is shown from 1973 forward for both areas.

## 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. Some variation could occur by chance. Geographic differences should, therefore, be interpreted with caution and should be used to generate, not test, hypotheses.

Special caution should be used when interpreting rates that are based on only a few cases, as 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 six or more cases, in conformity with the standards of the North American Association of Central Cancer Registries.

## 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
--	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 1999/2003</i>	<i>Parishes covered</i>
<u>South Louisiana</u>			
New Orleans (Region 1)	1974	997,891	Jefferson, Orleans, St. Bernard
Baton Rouge (Region 2)	1983	835,938	Ascension, Assumption, East Baton Rouge, East Feliciana, Iberville, Livingston, Pointe Coupée, St. Helena, Tangipahoa, West Baton Rouge, West Feliciana
Southeast Louisiana (Region 3)	1983	577,705	Lafourche, Plaquemines, St. Charles, St. James, St. John, St. Tammany, Terrebonne, Washington
Acadiana (Region 4)	1983	603,794	Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Martin, St. Mary, Vermilion
Southwest Louisiana (Region 5)	1983	283,098	Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis
<u>North Louisiana</u>			
Central Louisiana (Region 6)	1988	300,499	Avoyelles, Catahoula, Concordia, Grant, La Salle, Rapides, Vernon, Winn
Northwest Louisiana (Region 7)	1988	522,431	Bienville, Bossier, Caddo, Claiborne, De Soto, Natchitoches, Red River, Sabine, Webster
Northeast Louisiana (Region 8)	1988	352,181	Caldwell, East Carroll, Franklin, Jackson, Lincoln, Madison, Morehouse, Ouachita, Richland, Tensas, Union, West Carroll
Entire state	1988	4,473,537	

Source: U.S. Bureau of Census

## References

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5. World Health Organization. *International Statistical Classification of Diseases and Related Health Problems, Tenth Revision* (3 vols). Geneva, 1992.
6. North American Association of Central Cancer Registries. Age adjusting to the year 2000 standard. Available in the Education and Training Section, Training Modules Online, at: <http://www.naaccr.org>.

## Acknowledgements

As with all reports produced by the LTR, much appreciation goes to the hospital cancer registrars, the LTR field staff and other LTR staff whose dedication and hard work provide the foundation for these monographs.

### **Louisiana Tumor Registry Regional Directors**

Anna G. Moore, CTR, Regions 1 & 3  
Angela Crossgrow, CTR, Regions 1 & 3  
Gay F. Duke, CTR, Region 2  
Nicole Magee, CTR, Region 2  
Michelle B. Crouch, RHIA, CTR, Region 4  
Lea G. Guidry, RHIA, CTR, Region 4  
Ellyn C. Baker, RHIT, CTR, Region 5  
Melanie Byargeon, RHIA, CTR, Regions 6 & 8  
Nadine S. Johnston, RHIA, CTR, Region 6  
Tracey McDuffie, CTR, Region 6  
Amber Mandino, RHIA, CTR, Region 7  
Martha K. Love, CTR, Region 8

### **For work contributing to the production of this monograph:**

Registrars and staffs of the central and regional LTR offices  
Registrars and staffs of all Louisiana hospital cancer programs  
Betty Gonzales, MBA  
Brent Mumphrey, BS  
Beth Schmidt, MSPH

### **Louisiana Cancer and Lung Trust Fund Board**

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American Cancer Society: Charles L. Brown, Jr., MD  
American Heart Association: Jack P. Strong, MD  
American Lung Association: Joseph A. Lasky, MD,  
FCCP  
Leukemia Society of America: Carl G. Kardinal, MD  
Louisiana State Medical Society: M. Patrick Stagg,  
MD  
LSU Health Sciences Center—New Orleans:  
Augusto Ochoa, MD  
LSU Health Sciences Center—Shreveport:  
Jonathan Glass, MD  
Mary Bird Perkins Cancer Center:  
Todd D. Stevens, M.B.A.  
Ochsner Medical Foundation: John T. Cole, MD  
Tulane University School of Medicine:  
Roy S. Weiner, MD  
Xavier University: Wayne Harris, PhD  
LCLTFB Administrator: Ray S. Whiting

### **Office of Public Health** **Louisiana Department of Health and Hospitals**

J. Karen Bevan, State Registrar and Director,  
Louisiana Center for Health Statistics (retired)  
Darlene W. Smith, State Registrar and Director,  
Vital Records and Health Statistics, 2005–  
Joan Borstell, MS, Louisiana Center for Health Statistics

## Web Addresses for Cancer-Related Organizations

### 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>

### 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>

### 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>

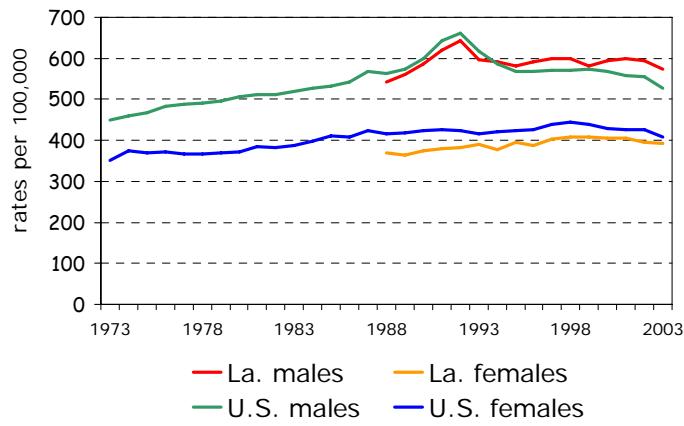
**Louisiana Cancer Registrars' Association:** <http://www.lcra-usa.org>

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

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

# Time Trends

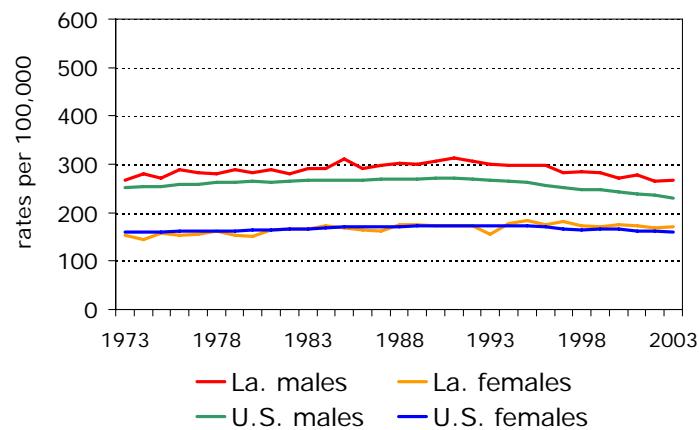
Fig. 1. Cancer Incidence\*: All Sites  
*Louisiana & U.S.: Whites*



\* Age-adjusted (U.S. 2000) rates

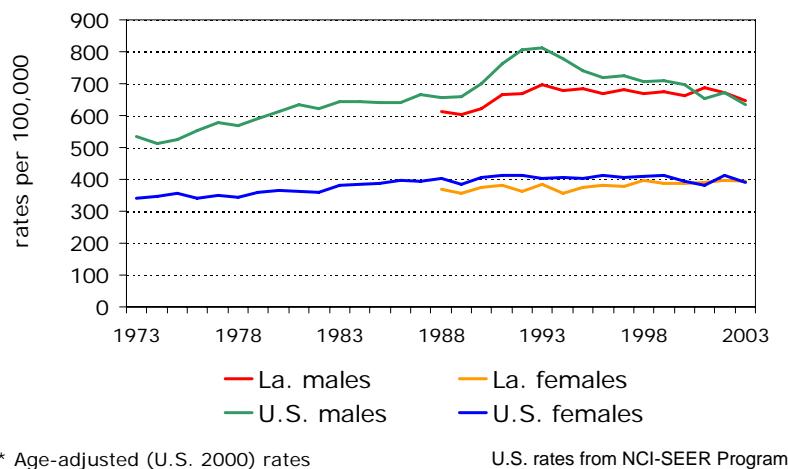
U.S. rates from the NCI-SEER Program

Fig. 2. Cancer Mortality\*: All Sites  
*Louisiana & U.S.: Whites*



\* Age-adjusted (U.S. 2000) rates

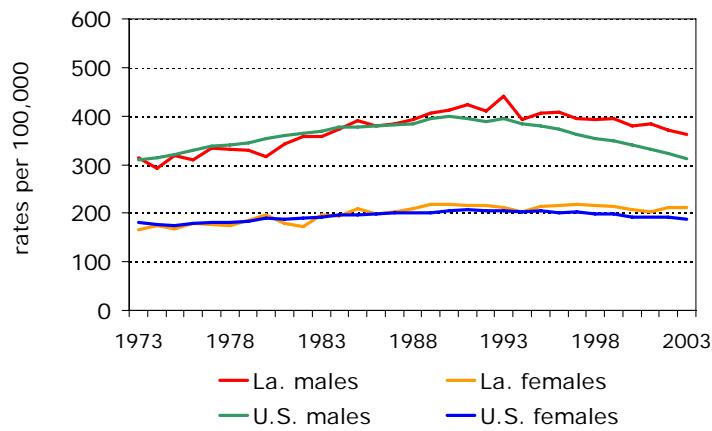
Fig. 3. Cancer Incidence\*: All Sites  
*Louisiana & U.S.: Blacks*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from NCI-SEER Program

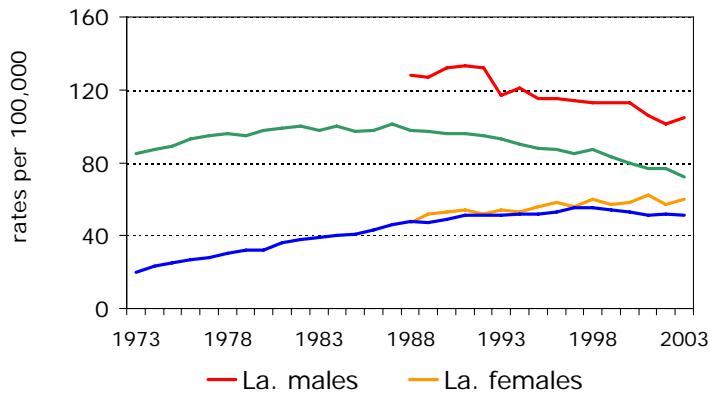
Fig. 4. Cancer Mortality\*: All Sites  
*Louisiana & U.S.: Blacks*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from the NCI-SEER Program

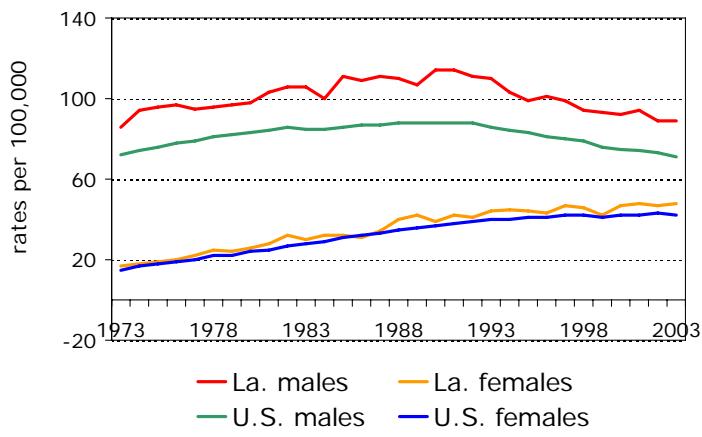
Fig. 5. Lung Cancer Incidence\*  
*Louisiana & U.S.: Whites*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from NCI-SEER Program

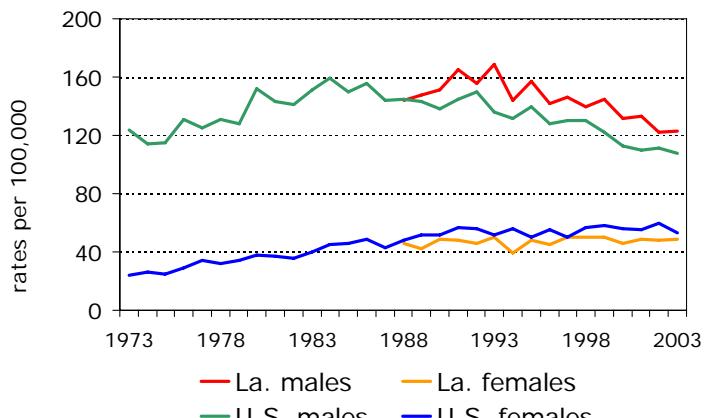
Fig. 6. Lung Cancer Mortality\*  
*Louisiana & U.S.: Whites*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from NCI-SEER Program

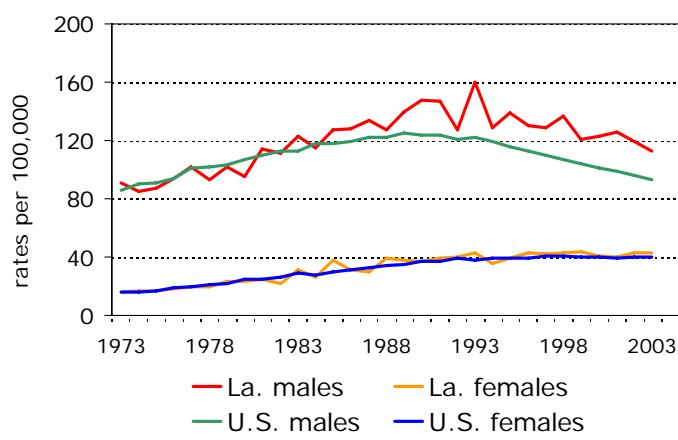
Fig. 7. Lung Cancer Incidence\*  
*Louisiana & U.S.: Blacks*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from NCI-SEER Program

Fig. 8. Lung Cancer Mortality\*  
*Louisiana & U.S.: Blacks*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from NCI-SEER Program

Fig. 9. Female Breast Cancer Incidence\*  
*Louisiana & U.S.*

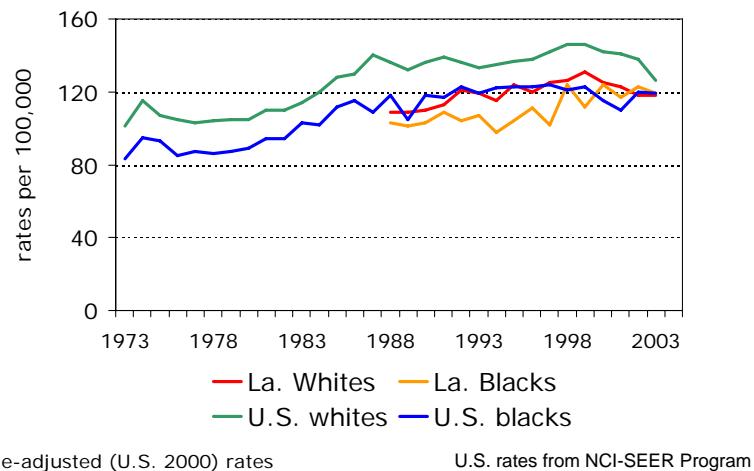


Fig. 10. Female Breast Cancer Mortality\*  
*Louisiana & U.S.*

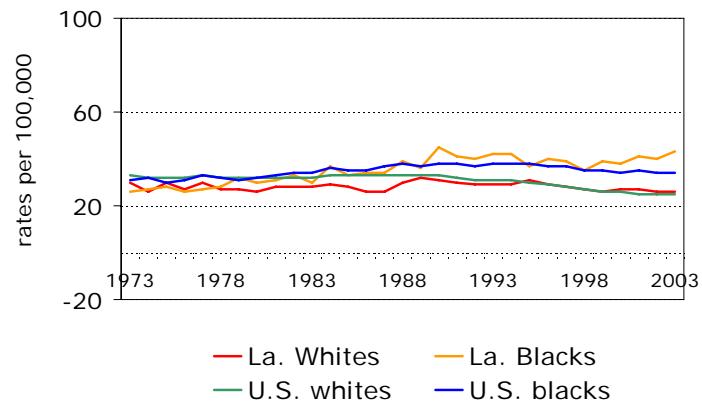
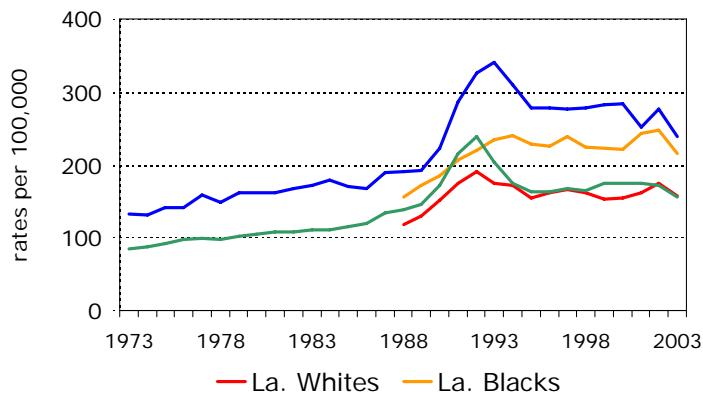


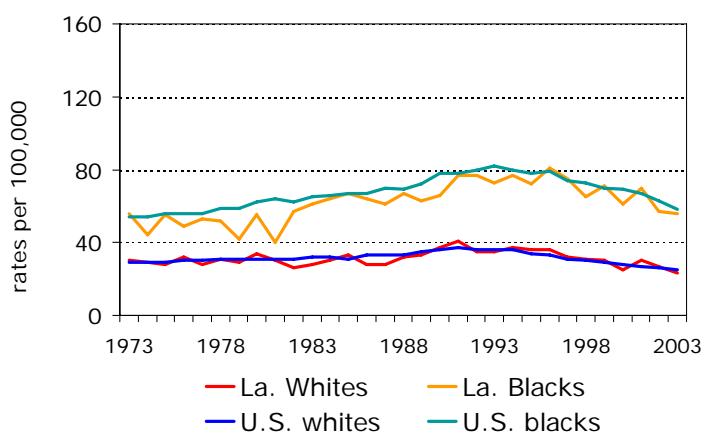
Fig. 11. Prostate Cancer Incidence\*  
*Louisiana & U.S.*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from NCI-SEER Program

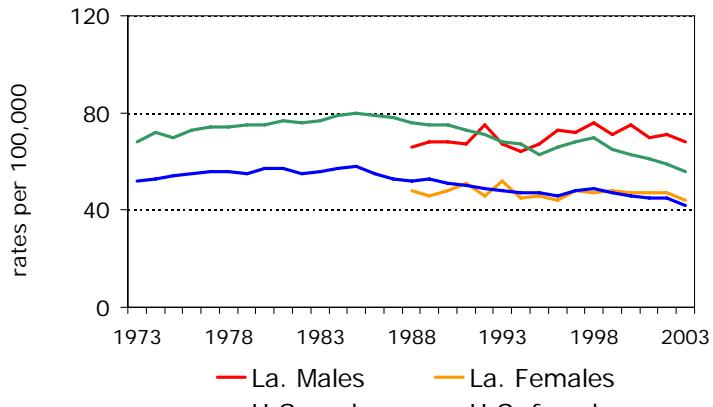
Fig. 12. Prostate Cancer Mortality\*  
*Louisiana & U.S.*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from NCI-SEER Program

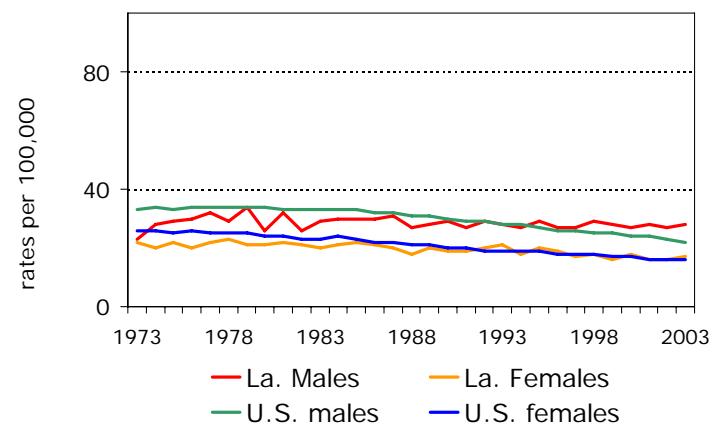
Fig. 13. Colorectal Cancer Incidence\*  
*Louisiana & U.S.: Whites*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from NCI-SEER Program

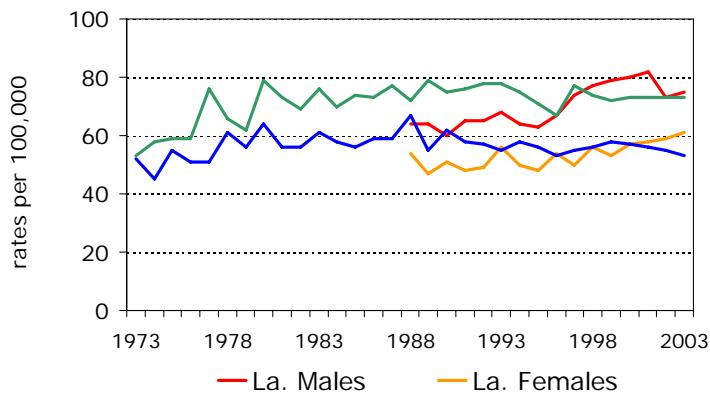
Fig. 14. Colorectal Cancer Mortality\*  
*Louisiana & U.S.: Whites*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from NCI-SEER Program

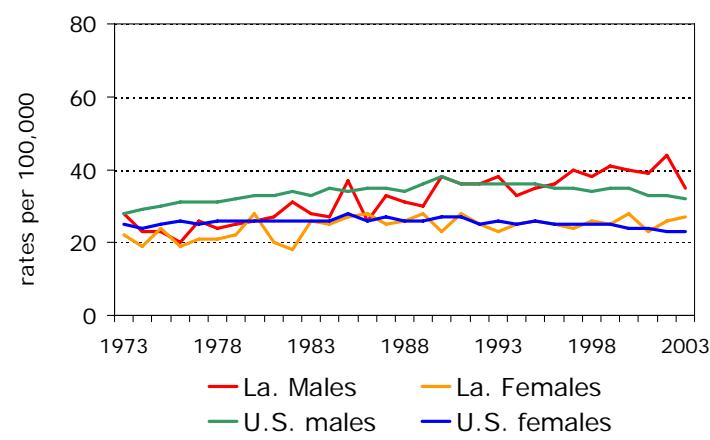
Fig. 15. Colorectal Cancer Incidence\*  
*Louisiana & U.S.: Blacks*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from NCI-SEER Program

Fig. 16. Colorectal Cancer Mortality\*  
*Louisiana & U.S.: Blacks*



\* Age-adjusted (U.S. 2000) rates

U.S. rates from NCI-SEER Program

# Incidence Tables

**TABLE A1.** NUMBER OF CANCER CASES (5 YEARS COMBINED) BY PRIMARY SITE, RACE AND SEX, 1999-2003, LOUISIANA

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	103515	55661	47854	75266	40445	34821	27265	14619	12646
Oral Cavity and Pharynx-----	2598	1863	735	1884	1335	549	691	511	180
Lip-----	178	149	29	171	143	28	6	5	1
Tongue-----	555	385	170	441	304	137	110	78	32
Salivary Gland-----	260	170	90	194	136	58	65	34	31
Floor of Mouth-----	229	171	58	157	112	45	72	59	13
Gum and Other Mouth-----	447	279	168	325	200	125	117	78	39
Nasopharynx-----	164	116	48	87	55	32	67	51	16
Tonsil-----	363	278	85	258	197	61	103	79	24
Oropharynx-----	101	79	22	56	41	15	45	38	7
Hypopharynx-----	207	160	47	138	101	37	69	59	10
Other-----	94	76	18	57	46	11	37	30	7
Digestive System-----	20590	11151	9439	14303	7918	6385	6079	3108	2971
Esophagus-----	1080	838	242	741	579	162	332	253	79
Stomach-----	1719	1000	719	950	591	359	744	395	349
Small Intestine-----	426	236	190	268	154	114	153	79	74
Colon and Rectum-----	12487	6479	6008	8943	4769	4174	3444	1653	1791
Colon -----	9057	4530	4527	6383	3271	3112	2609	1227	1382
Rectum and Rectosigmoid Junction-----	3430	1949	1481	2560	1498	1062	835	426	409
Anus, Anal Canal and Anorectum-----	289	121	168	223	89	134	62	29	33
Liver and Intrahepatic Bile Duct-----	1243	887	356	857	602	255	350	256	94
Liver-----	1149	841	308	790	570	220	326	243	83
Intrahepatic Bile Duct-----	94	46	48	67	32	35	24	13	11
Gallbladder-----	238	71	167	154	52	102	78	19	59
Other Biliary Tract-----	295	135	160	222	105	117	68	27	41
Pancreas-----	2641	1326	1315	1821	935	886	802	382	420
Retroperitoneum-----	54	22	32	40	17	23	14	5	9
Peritoneum, Omentum and Mesentery-----	60	11	49	48	9	39	11	2	9
Other-----	58	25	33	36	16	20	21	8	13
Respiratory System-----	18824	11622	7202	13841	8306	5535	4880	3259	1621
Nose, Nasal Cavity and Middle Ear-----	145	88	57	102	62	40	43	26	17
Larynx-----	1294	1019	275	852	658	194	435	357	78
Lung and Bronchus-----	17089	10289	6800	12636	7392	5244	4358	2845	1513
Pleura-----	256	199	57	220	174	46	35	24	11
Trachea and Other-----	40	27	13	31	20	11	9	7	2
Bones and Joints-----	202	97	105	141	65	76	58	31	27
Soft Tissue (Incl. heart)-----	704	369	335	488	271	217	205	90	115
Skin (Excl. basal and squamous)-----	2592	1501	1091	2375	1377	998	146	86	60
Melanoma of the Skin-----	2184	1257	927	2064	1197	867	58	28	30
Other Non-Epithelial Skin-----	408	244	164	311	180	131	88	58	30
Breast-----	14629	161	14468	10589	107	10482	3952	52	3900

Female Genital System-----	5146	-	5146	3571	-	3571	1521	-	1521
Cervix Uteri-----	1205	-	1205	681	-	681	505	-	505
Corpus and Uterus, NOS-----	2022	-	2022	1448	-	1448	549	-	549
Corpus Uteri-----	1955	-	1955	1407	-	1407	523	-	523
Uterus, NOS-----	67	-	67	41	-	41	26	-	26
Ovary-----	1452	-	1452	1113	-	1113	331	-	331
Vagina-----	104	-	104	64	-	64	40	-	40
Vulva-----	318	-	318	238	-	238	78	-	78
Other-----	45	-	45	27	-	27	18	-	18
Male Genital System-----	16747	16747	-	11596	11596	-	4897	4897	-
Prostate-----	16163	16163	-	11098	11098	-	4816	4816	-
Testis-----	466	466	-	414	414	-	49	49	-
Penis-----	100	100	-	71	71	-	27	27	-
Other-----	18	18	-	13	13	-	5	5	-
Urinary System-----	7439	5058	2381	5976	4152	1824	1421	878	543
Urinary Bladder (Incl. In Situ)-----	3925	2934	991	3331	2544	787	564	369	195
Kidney and Renal Pelvis-----	3317	1999	1318	2477	1495	982	828	497	331
Ureter-----	144	94	50	132	89	43	12	5	7
Other-----	53	31	22	36	24	12	17	7	10
Eye and Orbit-----	161	88	73	142	76	66	17	10	7
Brain and Nervous System-----	1274	710	564	998	566	432	267	137	130
Brain-----	1207	676	531	953	543	410	245	126	119
Cranial Nerves and Other NS-----	67	34	33	45	23	22	22	11	11
Endocrine System-----	1635	427	1208	1293	354	939	322	67	255
Thyroid-----	1468	352	1116	1181	302	879	270	46	224
Thymus and Other Endocrine-----	167	75	92	112	52	60	52	21	31
Lymphoma-----	4534	2364	2170	3599	1857	1742	893	483	410
Hodgkin Lymphoma-----	594	303	291	445	229	216	142	72	70
Non-Hodgkin lymphoma-----	3940	2061	1879	3154	1628	1526	751	411	340
Myeloma-----	1353	751	602	750	426	324	593	318	275
Leukemia-----	2617	1488	1129	2007	1164	843	583	313	270
Lymphocytic-----	1144	698	446	901	553	348	237	142	95
Acute Lymphocytic -----	261	167	94	187	125	62	72	42	30
Chronic Lymphocytic-----	785	459	326	629	365	264	152	91	61
Other-----	98	72	26	85	63	22	13	9	4
Myeloid and Monocytic Leukemia-----	1221	652	569	933	511	422	274	135	139
Acute Myeloid Leukemia-----	787	421	366	600	332	268	183	88	95
Acute Monocytic Leukemia-----	39	17	22	32	14	18	7	3	4
Chronic Myeloid Leukemia-----	353	195	158	273	153	120	71	37	34
Other Myeloid/Monocytic Leukemia---	42	19	23	28	12	16	13	7	6
Other Leukemia-----	252	138	114	173	100	73	72	36	36
Other Acute Leukemia-----	109	54	55	77	39	38	26	13	13
Aleukemic, Subleukemic and NOS-----	143	84	59	96	61	35	46	23	23
Ill-Defined and Unknown Sites-----	2470	1264	1206	1713	875	838	740	379	361
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	2522	27	2495	1864	21	1843	632	6	626

- Not applicable

**TABLE A2.** PERCENT DISTRIBUTION OF CANCER CASES BY PRIMARY SITE, RACE AND SEX, 1999-2003, 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	3.3	1.5	2.5	3.3	1.6	2.5	3.5	1.4
Lip-----	0.2	0.3	0.1	0.2	0.4	0.1	0.0	0.0	0.0
Tongue-----	0.5	0.7	0.4	0.6	0.8	0.4	0.4	0.5	0.3
Salivary Gland-----	0.3	0.3	0.2	0.3	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	0.3	0.4	0.1
Gum and Other Mouth-----	0.4	0.5	0.4	0.4	0.5	0.4	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	0.2	0.3	0.5	0.2	0.4	0.5	0.2
Oropharynx-----	0.1	0.1	0.0	0.1	0.1	0.0	0.2	0.3	0.1
Hypopharynx-----	0.2	0.3	0.1	0.2	0.2	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-----	19.9	20.0	19.7	19.0	19.6	18.3	22.3	21.3	23.5
Esophagus-----	1.0	1.5	0.5	1.0	1.4	0.5	1.2	1.7	0.6
Stomach-----	1.7	1.8	1.5	1.3	1.5	1.0	2.7	2.7	2.8
Small Intestine-----	0.4	0.4	0.4	0.4	0.4	0.3	0.6	0.5	0.6
Colon and Rectum-----	12.1	11.6	12.6	11.9	11.8	12.0	12.6	11.3	14.2
Colon -----	8.7	8.1	9.5	8.5	8.1	8.9	9.6	8.4	10.9
Rectum and Rectosigmoid Junction---	3.3	3.5	3.1	3.4	3.7	3.0	3.1	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-----	1.2	1.6	0.7	1.1	1.5	0.7	1.3	1.8	0.7
Liver-----	1.1	1.5	0.6	1.0	1.4	0.6	1.2	1.7	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	0.1	0.5
Other Biliary Tract-----	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.3
Pancreas-----	2.6	2.4	2.7	2.4	2.3	2.5	2.9	2.6	3.3
Retroperitoneum-----	0.1	0.0	0.1	0.1	0.0	0.1	0.1	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	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1
Respiratory System-----	18.2	20.9	15.0	18.4	20.5	15.9	17.9	22.3	12.8
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-----	1.3	1.8	0.6	1.1	1.6	0.6	1.6	2.4	0.6
Lung and Bronchus-----	16.5	18.5	14.2	16.8	18.3	15.1	16.0	19.5	12.0
Pleura-----	0.2	0.4	0.1	0.3	0.4	0.1	0.1	0.2	0.1
Trachea and Other-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bones and Joints-----	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Soft Tissue (Incl. heart)-----	0.7	0.7	0.7	0.6	0.7	0.6	0.8	0.6	0.9
Skin (Excl. basal and squamous)-----	2.5	2.7	2.3	3.2	3.4	2.9	0.5	0.6	0.5
Melanoma of the Skin-----	2.1	2.3	1.9	2.7	3.0	2.5	0.2	0.2	0.2
Other Non-Epithelial Skin-----	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.2
Breast-----	14.1	0.3	30.2	14.1	0.3	30.1	14.5	0.4	30.8

Female Genital System-----	5.0	-	10.8	4.7	-	10.3	5.6	-	12.0
Cervix Uteri-----	1.2	-	2.5	0.9	-	2.0	1.9	-	4.0
Corpus and Uterus, NOS-----	2.0	-	4.2	1.9	-	4.2	2.0	-	4.3
Corpus Uteri-----	1.9	-	4.1	1.9	-	4.0	1.9	-	4.1
Uterus, NOS-----	0.1	-	0.1	0.1	-	0.1	0.1	-	0.2
Ovary-----	1.4	-	3.0	1.5	-	3.2	1.2	-	2.6
Vagina-----	0.1	-	0.2	0.1	-	0.2	0.1	-	0.3
Vulva-----	0.3	-	0.7	0.3	-	0.7	0.3	-	0.6
Other-----	0.0	-	0.1	0.0	-	0.1	0.1	-	0.1
Male Genital System-----	16.2	30.1	-	15.4	28.7	-	18.0	33.5	-
Prostate-----	15.6	29.0	-	14.7	27.4	-	17.7	32.9	-
Testis-----	0.5	0.8	-	0.6	1.0	-	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-----	7.2	9.1	5.0	7.9	10.3	5.2	5.2	6.0	4.3
Urinary Bladder (Incl. In Situ)-----	3.8	5.3	2.1	4.4	6.3	2.3	2.1	2.5	1.5
Kidney and Renal Pelvis-----	3.2	3.6	2.8	3.3	3.7	2.8	3.0	3.4	2.6
Ureter-----	0.1	0.2	0.1	0.2	0.2	0.1	0.0	0.0	0.1
Other-----	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.1
Eye and Orbit-----	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Brain and Nervous System-----	1.2	1.3	1.2	1.3	1.4	1.2	1.0	0.9	1.0
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	2.5	1.7	0.9	2.7	1.2	0.5	2.0
Thyroid-----	1.4	0.6	2.3	1.6	0.7	2.5	1.0	0.3	1.8
Thymus and Other Endocrine-----	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.2
Lymphoma-----	4.4	4.2	4.5	4.8	4.6	5.0	3.3	3.3	3.2
Hodgkin Lymphoma-----	0.6	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.6
Non-Hodgkin lymphoma-----	3.8	3.7	3.9	4.2	4.0	4.4	2.8	2.8	2.7
Myeloma-----	1.3	1.3	1.3	1.0	1.1	0.9	2.2	2.2	2.2
Leukemia-----	2.5	2.7	2.4	2.7	2.9	2.4	2.1	2.1	2.1
Lymphocytic-----	1.1	1.3	0.9	1.2	1.4	1.0	0.9	1.0	0.8
Acute Lymphocytic -----	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.2
Chronic Lymphocytic-----	0.8	0.8	0.7	0.8	0.9	0.8	0.6	0.6	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-----	1.2	1.2	1.2	1.2	1.3	1.2	1.0	0.9	1.1
Acute Myeloid Leukemia-----	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.8
Acute Monocytic Leukemia-----	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Chronic Myeloid Leukemia-----	0.3	0.4	0.3	0.4	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	0.0	0.0	0.0
Other Leukemia-----	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	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	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2
Ill-Defined and Unknown Sites-----	2.4	2.3	2.5	2.3	2.2	2.4	2.7	2.6	2.9

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- Not applicable

**TABLE A3.** NUMBER OF CANCER CASES (5 YEARS COMBINED) BY PRIMARY SITE, RACE AND SEX, 1999-2003, SOUTH LOUISIANA

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	74882	40206	34676	54487	29192	25295	19561	10503	9058
Oral Cavity and Pharynx-----	1797	1291	506	1287	913	374	489	362	127
Lip-----	91	76	15	87	73	14	3	2	1
Tongue-----	388	264	124	312	210	102	72	51	21
Salivary Gland-----	179	117	62	134	93	41	44	24	20
Floor of Mouth-----	153	115	38	105	76	29	48	39	9
Gum and Other Mouth-----	312	198	114	221	137	84	87	60	27
Nasopharynx-----	127	92	35	67	46	21	50	36	14
Tonsil-----	270	208	62	190	147	43	79	60	19
Oropharynx-----	64	52	12	35	27	8	29	25	4
Hypopharynx-----	147	116	31	97	74	23	50	42	8
Other-----	66	53	13	39	30	9	27	23	4
Digestive System-----	14879	8091	6788	10325	5724	4601	4384	2258	2126
Esophagus-----	772	606	166	538	426	112	228	174	54
Stomach-----	1256	733	523	695	436	259	539	283	256
Small Intestine-----	311	172	139	195	113	82	111	56	55
Colon and Rectum-----	8865	4594	4271	6330	3354	2976	2452	1194	1258
Colon -----	6438	3219	3219	4526	2309	2217	1856	883	973
Rectum and Rectosigmoid Junction-----	2427	1375	1052	1804	1045	759	596	311	285
Anus, Anal Canal and Anorectum-----	226	104	122	173	76	97	50	25	25
Liver and Intrahepatic Bile Duct-----	1009	735	274	688	496	192	290	211	79
Liver-----	937	698	239	637	471	166	270	200	70
Intrahepatic Bile Duct-----	72	37	35	51	25	26	20	11	9
Gallbladder-----	175	53	122	118	41	77	55	12	43
Other Biliary Tract-----	205	96	109	155	76	79	47	19	28
Pancreas-----	1940	959	981	1343	678	665	584	274	310
Retroperitoneum-----	36	18	18	28	13	15	8	5	3
Peritoneum, Omentum and Mesentery-----	44	4	40	37	4	33	6	0	6
Other-----	40	17	23	25	11	14	14	5	9
Respiratory System-----	13466	8280	5186	9850	5882	3968	3522	2344	1178
Nose, Nasal Cavity and Middle Ear-----	113	66	47	77	47	30	36	19	17
Larynx-----	959	761	198	639	498	141	315	259	56
Lung and Bronchus-----	12146	7267	4879	8923	5176	3747	3135	2042	1093
Pleura-----	219	166	53	187	145	42	31	20	11
Trachea and Other-----	29	20	9	24	16	8	5	4	1
Bones and Joints-----	154	75	79	104	48	56	47	26	21
Soft Tissue (Incl. heart)-----	517	268	249	370	201	169	139	61	78
Skin (Excl. basal and squamous)-----	1812	1029	783	1643	935	708	107	62	45
Melanoma of the Skin-----	1527	859	668	1428	812	616	44	21	23
Other Non-Epithelial Skin-----	285	170	115	215	123	92	63	41	22
Breast-----	10794	122	10672	7844	78	7766	2873	42	2831

Female Genital System-----	3661	-	3661	2567	-	2567	1049	-	1049
Cervix Uteri-----	846	-	846	494	-	494	337	-	337
Corpus and Uterus, NOS-----	1447	-	1447	1047	-	1047	379	-	379
Corpus Uteri-----	1397	-	1397	1014	-	1014	362	-	362
Uterus, NOS-----	50	-	50	33	-	33	17	-	17
Ovary-----	1035	-	1035	792	-	792	236	-	236
Vagina-----	77	-	77	47	-	47	30	-	30
Vulva-----	226	-	226	167	-	167	57	-	57
Other-----	30	-	30	20	-	20	10	-	10
Male Genital System-----	12084	12084	-	8427	8427	-	3446	3446	-
Prostate-----	11643	11643	-	8056	8056	-	3381	3381	-
Testis-----	361	361	-	315	315	-	43	43	-
Penis-----	67	67	-	48	48	-	17	17	-
Other-----	13	13	-	8	8	-	5	5	-
Urinary System-----	5487	3769	1718	4420	3084	1336	1033	662	371
Urinary Bladder (Incl. In Situ)-----	2881	2178	703	2443	1875	568	413	285	128
Kidney and Renal Pelvis-----	2462	1497	965	1855	1125	730	598	367	231
Ureter-----	104	69	35	95	65	30	9	4	5
Other-----	40	25	15	27	19	8	13	6	7
Eye and Orbit-----	129	72	57	112	62	50	16	9	7
Brain and Nervous System-----	909	512	397	717	416	301	185	91	94
Brain-----	859	487	372	682	397	285	170	85	85
Cranial Nerves and Other NS-----	50	25	25	35	19	16	15	6	9
Endocrine System-----	1247	329	918	996	274	722	235	51	184
Thyroid-----	1111	265	846	906	228	678	191	34	157
Thymus and Other Endocrine-----	136	64	72	90	46	44	44	17	27
Lymphoma-----	3431	1828	1603	2713	1426	1287	682	382	300
Hodgkin Lymphoma-----	466	245	221	351	185	166	109	58	51
Non-Hodgkin lymphoma-----	2965	1583	1382	2362	1241	1121	573	324	249
Myeloma-----	903	503	400	493	285	208	400	211	189
Leukemia-----	1810	1029	781	1376	796	580	412	223	189
Lymphocytic-----	770	474	296	606	376	230	161	96	65
Acute Lymphocytic -----	189	117	72	134	88	46	54	29	25
Chronic Lymphocytic-----	518	311	207	418	248	170	98	61	37
Other-----	63	46	17	54	40	14	9	6	3
Myeloid and Monocytic Leukemia-----	862	459	403	648	352	296	202	101	101
Acute Myeloid Leukemia-----	542	293	249	401	224	177	139	68	71
Acute Monocytic Leukemia-----	35	17	18	29	14	15	6	3	3
Chronic Myeloid Leukemia-----	253	136	117	194	105	89	50	26	24
Other Myeloid/Monocytic Leukemia---	32	13	19	24	9	15	7	4	3
Other Leukemia-----	178	96	82	122	68	54	49	26	23
Other Acute Leukemia-----	79	36	43	55	25	30	18	9	9
Aleukemic, Subleukemic and NOS-----	99	60	39	67	43	24	31	17	14
Ill-Defined and Unknown Sites-----	1802	924	878	1243	641	602	542	273	269
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	1860	19	1841	1385	14	1371	456	5	451

- Not applicable

**TABLE A4.** PERCENT DISTRIBUTION OF CANCER CASES BY PRIMARY SITE, RACE AND SEX, 1999-2003, SOUTH 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-----	2.4	3.2	1.5	2.4	3.1	1.5	2.5	3.4	1.4
Lip-----	0.1	0.2	0.0	0.2	0.3	0.1	0.0	0.0	0.0
Tongue-----	0.5	0.7	0.4	0.6	0.7	0.4	0.4	0.5	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	0.4	0.1
Gum and Other Mouth-----	0.4	0.5	0.3	0.4	0.5	0.3	0.4	0.6	0.3
Nasopharynx-----	0.2	0.2	0.1	0.1	0.2	0.1	0.3	0.3	0.2
Tonsil-----	0.4	0.5	0.2	0.3	0.5	0.2	0.4	0.6	0.2
Oropharynx-----	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.2	0.0
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	0.0
Digestive System-----	19.9	20.1	19.6	18.9	19.6	18.2	22.4	21.5	23.5
Esophagus-----	1.0	1.5	0.5	1.0	1.5	0.4	1.2	1.7	0.6
Stomach-----	1.7	1.8	1.5	1.3	1.5	1.0	2.8	2.7	2.8
Small Intestine-----	0.4	0.4	0.4	0.4	0.4	0.3	0.6	0.5	0.6
Colon and Rectum-----	11.8	11.4	12.3	11.6	11.5	11.8	12.5	11.4	13.9
Colon -----	8.6	8.0	9.3	8.3	7.9	8.8	9.5	8.4	10.7
Rectum and Rectosigmoid Junction---	3.2	3.4	3.0	3.3	3.6	3.0	3.0	3.0	3.1
Anus, Anal Canal and Anorectum-----	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.2	0.3
Liver and Intrahepatic Bile Duct-----	1.3	1.8	0.8	1.3	1.7	0.8	1.5	2.0	0.9
Liver-----	1.3	1.7	0.7	1.2	1.6	0.7	1.4	1.9	0.8
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	0.4	0.2	0.1	0.3	0.3	0.1	0.5
Other Biliary Tract-----	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.3
Pancreas-----	2.6	2.4	2.8	2.5	2.3	2.6	3.0	2.6	3.4
Retroperitoneum-----	0.0	0.0	0.1	0.1	0.0	0.1	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	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1
Respiratory System-----	18.0	20.6	15.0	18.1	20.1	15.7	18.0	22.3	13.0
Nose, Nasal Cavity and Middle Ear-----	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2
Larynx-----	1.3	1.9	0.6	1.2	1.7	0.6	1.6	2.5	0.6
Lung and Bronchus-----	16.2	18.1	14.1	16.4	17.7	14.8	16.0	19.4	12.1
Pleura-----	0.3	0.4	0.2	0.3	0.5	0.2	0.2	0.2	0.1
Trachea and Other-----	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Bones and Joints-----	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Soft Tissue (Incl. heart)-----	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.9
Skin (Excl. basal and squamous)-----	2.4	2.6	2.3	3.0	3.2	2.8	0.5	0.6	0.5
Melanoma of the Skin-----	2.0	2.1	1.9	2.6	2.8	2.4	0.2	0.2	0.3
Other Non-Epithelial Skin-----	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.2
Breast-----	14.4	0.3	30.8	14.4	0.3	30.7	14.7	0.4	31.3

Female Genital System-----	4.9	-	10.6	4.7	-	10.1	5.4	-	11.6
Cervix Uteri-----	1.1	-	2.4	0.9	-	2.0	1.7	-	3.7
Corpus and Uterus, NOS-----	1.9	-	4.2	1.9	-	4.1	1.9	-	4.2
Corpus Uteri-----	1.9	-	4.0	1.9	-	4.0	1.9	-	4.0
Uterus, NOS-----	0.1	-	0.1	0.1	-	0.1	0.1	-	0.2
Ovary-----	1.4	-	3.0	1.5	-	3.1	1.2	-	2.6
Vagina-----	0.1	-	0.2	0.1	-	0.2	0.2	-	0.3
Vulva-----	0.3	-	0.7	0.3	-	0.7	0.3	-	0.6
Other-----	0.0	-	0.1	0.0	-	0.1	0.1	-	0.1
Male Genital System-----	16.1	30.1	-	15.5	28.9	-	17.6	32.8	-
Prostate-----	15.5	29.0	-	14.8	27.6	-	17.3	32.2	-
Testis-----	0.5	0.9	-	0.6	1.1	-	0.2	0.4	-
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-----	7.3	9.4	5.0	8.1	10.6	5.3	5.3	6.3	4.1
Urinary Bladder (Incl. In Situ)-----	3.8	5.4	2.0	4.5	6.4	2.2	2.1	2.7	1.4
Kidney and Renal Pelvis-----	3.3	3.7	2.8	3.4	3.9	2.9	3.1	3.5	2.6
Ureter-----	0.1	0.2	0.1	0.2	0.2	0.1	0.0	0.0	0.1
Other-----	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1
Eye and Orbit-----	0.2	0.2	0.2	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	0.9	0.9	1.0
Brain-----	1.1	1.2	1.1	1.3	1.4	1.1	0.9	0.8	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-----	1.7	0.8	2.6	1.8	0.9	2.9	1.2	0.5	2.0
Thyroid-----	1.5	0.7	2.4	1.7	0.8	2.7	1.0	0.3	1.7
Thymus and Other Endocrine-----	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Lymphoma-----	4.6	4.5	4.6	5.0	4.9	5.1	3.5	3.6	3.3
Hodgkin Lymphoma-----	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6
Non-Hodgkin lymphoma-----	4.0	3.9	4.0	4.3	4.3	4.4	2.9	3.1	2.7
Myeloma-----	1.2	1.3	1.2	0.9	1.0	0.8	2.0	2.0	2.1
Leukemia-----	2.4	2.6	2.3	2.5	2.7	2.3	2.1	2.1	2.1
Lymphocytic-----	1.0	1.2	0.9	1.1	1.3	0.9	0.8	0.9	0.7
Acute Lymphocytic -----	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.3
Chronic Lymphocytic-----	0.7	0.8	0.6	0.8	0.8	0.7	0.5	0.6	0.4
Other-----	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0
Myeloid and Monocytic Leukemia-----	1.2	1.1	1.2	1.2	1.2	1.2	1.0	1.0	1.1
Acute Myeloid Leukemia-----	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.6	0.8
Acute Monocytic Leukemia-----	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
Chronic Myeloid Leukemia-----	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.2	0.3
Other Myeloid/Monocytic Leukemia---	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Other Leukemia-----	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	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
Ill-Defined and Unknown Sites-----	2.4	2.3	2.5	2.3	2.2	2.4	2.8	2.6	3.0

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- Not applicable

**TABLE A5.** NUMBER OF CANCER CASES (5 YEARS COMBINED) BY PRIMARY SITE, RACE AND SEX, 1999-2003, NORTH LOUISIANA

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	28633	15455	13178	20779	11253	9526	7704	4116	3588
Oral Cavity and Pharynx-----	801	572	229	597	422	175	202	149	53
Lip-----	87	73	14	84	70	14	3	3	0
Tongue-----	167	121	46	129	94	35	38	27	11
Salivary Gland-----	81	53	28	60	43	17	21	10	11
Floor of Mouth-----	76	56	20	52	36	16	24	20	4
Gum and Other Mouth-----	135	81	54	104	63	41	30	18	12
Nasopharynx-----	37	24	13	20	9	11	17	15	2
Tonsil-----	93	70	23	68	50	18	24	19	5
Oropharynx-----	37	27	10	21	14	7	16	13	3
Hypopharynx-----	60	44	16	41	27	14	19	17	2
Other-----	28	23	5	18	16	2	10	7	3
Digestive System-----	5711	3060	2651	3978	2194	1784	1695	850	845
Esophagus-----	308	232	76	203	153	50	104	79	25
Stomach-----	463	267	196	255	155	100	205	112	93
Small Intestine-----	115	64	51	73	41	32	42	23	19
Colon and Rectum-----	3622	1885	1737	2613	1415	1198	992	459	533
Colon -----	2619	1311	1308	1857	962	895	753	344	409
Rectum and Rectosigmoid Junction-----	1003	574	429	756	453	303	239	115	124
Anus, Anal Canal and Anorectum-----	63	17	46	50	13	37	12	4	8
Liver and Intrahepatic Bile Duct-----	234	152	82	169	106	63	60	45	15
Liver-----	212	143	69	153	99	54	56	43	13
Intrahepatic Bile Duct-----	22	9	13	16	7	9	4	2	2
Gallbladder-----	63	18	45	36	11	25	23	7	16
Other Biliary Tract-----	90	39	51	67	29	38	21	8	13
Pancreas-----	701	367	334	478	257	221	218	108	110
Retroperitoneum-----	18	4	14	12	4	8	6	0	6
Peritoneum, Omentum and Mesentery-----	16	7	9	11	5	6	5	2	3
Other-----	18	8	10	11	5	6	7	3	4
Respiratory System-----	5358	3342	2016	3991	2424	1567	1358	915	443
Nose, Nasal Cavity and Middle Ear-----	32	22	10	25	15	10	7	7	0
Larynx-----	335	258	77	213	160	53	120	98	22
Lung and Bronchus-----	4943	3022	1921	3713	2216	1497	1223	803	420
Pleura-----	37	33	4	33	29	4	4	4	0
Trachea and Other-----	11	7	4	7	4	3	4	3	1
Bones and Joints-----	48	22	26	37	17	20	11	5	6
Soft Tissue (Incl. heart)-----	187	101	86	118	70	48	66	29	37
Skin (Excl. basal and squamous)-----	780	472	308	732	442	290	39	24	15
Melanoma of the Skin-----	657	398	259	636	385	251	14	7	7
Other Non-Epithelial Skin-----	123	74	49	96	57	39	25	17	8
Breast-----	3835	39	3796	2745	29	2716	1079	10	1069

Female Genital System-----	1485	-	1485	1004	-	1004	472	-	472
Cervix Uteri-----	359	-	359	187	-	187	168	-	168
Corpus and Uterus, NOS-----	575	-	575	401	-	401	170	-	170
Corpus Uteri-----	558	-	558	393	-	393	161	-	161
Uterus, NOS-----	17	-	17	8	-	8	9	-	9
Ovary-----	417	-	417	321	-	321	95	-	95
Vagina-----	27	-	27	17	-	17	10	-	10
Vulva-----	92	-	92	71	-	71	21	-	21
Other-----	15	-	15	7	-	7	8	-	8
Male Genital System-----	4663	4663	-	3169	3169	-	1451	1451	-
Prostate-----	4520	4520	-	3042	3042	-	1435	1435	-
Testis-----	105	105	-	99	99	-	6	6	-
Penis-----	33	33	-	23	23	-	10	10	-
Other-----	5	5	-	5	5	-	0	0	-
Urinary System-----	1952	1289	663	1556	1068	488	388	216	172
Urinary Bladder (Incl. In Situ)-----	1044	756	288	888	669	219	151	84	67
Kidney and Renal Pelvis-----	855	502	353	622	370	252	230	130	100
Ureter-----	40	25	15	37	24	13	3	1	2
Other-----	13	6	7	9	5	4	4	1	3
Eye and Orbit-----	32	16	16	30	14	16	1	1	0
Brain and Nervous System-----	365	198	167	281	150	131	82	46	36
Brain-----	348	189	159	271	146	125	75	41	34
Cranial Nerves and Other NS-----	17	9	8	10	4	6	7	5	2
Endocrine System-----	388	98	290	297	80	217	87	16	71
Thyroid-----	357	87	270	275	74	201	79	12	67
Thymus and Other Endocrine-----	31	11	20	22	6	16	8	4	4
Lymphoma-----	1103	536	567	886	431	455	211	101	110
Hodgkin Lymphoma-----	128	58	70	94	44	50	33	14	19
Non-Hodgkin lymphoma-----	975	478	497	792	387	405	178	87	91
Myeloma-----	450	248	202	257	141	116	193	107	86
Leukemia-----	807	459	348	631	368	263	171	90	81
Lymphocytic-----	374	224	150	295	177	118	76	46	30
Acute Lymphocytic -----	72	50	22	53	37	16	18	13	5
Chronic Lymphocytic-----	267	148	119	211	117	94	54	30	24
Other-----	35	26	9	31	23	8	4	3	1
Myeloid and Monocytic Leukemia-----	359	193	166	285	159	126	72	34	38
Acute Myeloid Leukemia-----	245	128	117	199	108	91	44	20	24
Acute Monocytic Leukemia-----	4	0	4	3	0	3	1	0	1
Chronic Myeloid Leukemia-----	100	59	41	79	48	31	21	11	10
Other Myeloid/Monocytic Leukemia---	10	6	4	4	3	1	6	3	3
Other Leukemia-----	74	42	32	51	32	19	23	10	13
Other Acute Leukemia-----	30	18	12	22	14	8	8	4	4
Aleukemic, Subleukemic and NOS-----	44	24	20	29	18	11	15	6	9
Ill-Defined and Unknown Sites-----	668	340	328	470	234	236	198	106	92
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	662	8	654	479	7	472	176	1	175

- Not applicable

**TABLE A6.** PERCENT DISTRIBUTION OF CANCER CASES BY PRIMARY SITE, RACE AND SEX, 1999-2003, NORTH 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-----	2.8	3.7	1.7	2.9	3.8	1.8	2.6	3.6	1.5
Lip-----	0.3	0.5	0.1	0.4	0.6	0.1	0.0	0.1	0.0
Tongue-----	0.6	0.8	0.3	0.6	0.8	0.4	0.5	0.7	0.3
Salivary Gland-----	0.3	0.3	0.2	0.3	0.4	0.2	0.3	0.2	0.3
Floor of Mouth-----	0.3	0.4	0.2	0.3	0.3	0.2	0.3	0.5	0.1
Gum and Other Mouth-----	0.5	0.5	0.4	0.5	0.6	0.4	0.4	0.4	0.3
Nasopharynx-----	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.4	0.1
Tonsil-----	0.3	0.5	0.2	0.3	0.4	0.2	0.3	0.5	0.1
Oropharynx-----	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.1
Hypopharynx-----	0.2	0.3	0.1	0.2	0.2	0.1	0.2	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-----	19.9	19.8	20.1	19.1	19.5	18.7	22.0	20.7	23.6
Esophagus-----	1.1	1.5	0.6	1.0	1.4	0.5	1.3	1.9	0.7
Stomach-----	1.6	1.7	1.5	1.2	1.4	1.0	2.7	2.7	2.6
Small Intestine-----	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.6	0.5
Colon and Rectum-----	12.6	12.2	13.2	12.6	12.6	12.6	12.9	11.2	14.9
Colon -----	9.1	8.5	9.9	8.9	8.5	9.4	9.8	8.4	11.4
Rectum and Rectosigmoid Junction---	3.5	3.7	3.3	3.6	4.0	3.2	3.1	2.8	3.5
Anus, Anal Canal and Anorectum-----	0.2	0.1	0.3	0.2	0.1	0.4	0.2	0.1	0.2
Liver and Intrahepatic Bile Duct-----	0.8	1.0	0.6	0.8	0.9	0.7	0.8	1.1	0.4
Liver-----	0.7	0.9	0.5	0.7	0.9	0.6	0.7	1.0	0.4
Intrahepatic Bile Duct-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1
Gallbladder-----	0.2	0.1	0.3	0.2	0.1	0.3	0.3	0.2	0.4
Other Biliary Tract-----	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.2	0.4
Pancreas-----	2.4	2.4	2.5	2.3	2.3	2.3	2.8	2.6	3.1
Retroperitoneum-----	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.2
Peritoneum, Omentum and Mesentery-----	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1
Other-----	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1
Respiratory System-----	18.7	21.6	15.3	19.2	21.5	16.4	17.6	22.2	12.3
Nose, Nasal Cavity and Middle Ear-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0
Larynx-----	1.2	1.7	0.6	1.0	1.4	0.6	1.6	2.4	0.6
Lung and Bronchus-----	17.3	19.6	14.6	17.9	19.7	15.7	15.9	19.5	11.7
Pleura-----	0.1	0.2	0.0	0.2	0.3	0.0	0.1	0.1	0.0
Trachea and Other-----	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Bones and Joints-----	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2
Soft Tissue (Incl. heart)-----	0.7	0.7	0.7	0.6	0.6	0.5	0.9	0.7	1.0
Skin (Excl. basal and squamous)-----	2.7	3.1	2.3	3.5	3.9	3.0	0.5	0.6	0.4
Melanoma of the Skin-----	2.3	2.6	2.0	3.1	3.4	2.6	0.2	0.2	0.2
Other Non-Epithelial Skin-----	0.4	0.5	0.4	0.5	0.5	0.4	0.3	0.4	0.2
Breast-----	13.4	0.3	28.8	13.2	0.3	28.5	14.0	0.2	29.8

Female Genital System-----	5.2	-	11.3	4.8	-	10.5	6.1	-	13.2
Cervix Uteri-----	1.3	-	2.7	0.9	-	2.0	2.2	-	4.7
Corpus and Uterus, NOS-----	2.0	-	4.4	1.9	-	4.2	2.2	-	4.7
Corpus Uteri-----	1.9	-	4.2	1.9	-	4.1	2.1	-	4.5
Uterus, NOS-----	0.1	-	0.1	0.0	-	0.1	0.1	-	0.3
Ovary-----	1.5	-	3.2	1.5	-	3.4	1.2	-	2.6
Vagina-----	0.1	-	0.2	0.1	-	0.2	0.1	-	0.3
Vulva-----	0.3	-	0.7	0.3	-	0.7	0.3	-	0.6
Other-----	0.1	-	0.1	0.0	-	0.1	0.1	-	0.2
Male Genital System-----	16.3	30.2	-	15.3	28.2	-	18.8	35.3	-
Prostate-----	15.8	29.2	-	14.6	27.0	-	18.6	34.9	-
Testis-----	0.4	0.7	-	0.5	0.9	-	0.1	0.1	-
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-----	6.8	8.3	5.0	7.5	9.5	5.1	5.0	5.2	4.8
Urinary Bladder (Incl. In Situ)-----	3.6	4.9	2.2	4.3	5.9	2.3	2.0	2.0	1.9
Kidney and Renal Pelvis-----	3.0	3.2	2.7	3.0	3.3	2.6	3.0	3.2	2.8
Ureter-----	0.1	0.2	0.1	0.2	0.2	0.1	0.0	0.0	0.1
Other-----	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1
Eye and Orbit-----	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.0	0.0
Brain and Nervous System-----	1.3	1.3	1.3	1.4	1.3	1.4	1.1	1.1	1.0
Brain-----	1.2	1.2	1.2	1.3	1.3	1.3	1.0	1.0	0.9
Cranial Nerves and Other NS-----	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1
Endocrine System-----	1.4	0.6	2.2	1.4	0.7	2.3	1.1	0.4	2.0
Thyroid-----	1.2	0.6	2.0	1.3	0.7	2.1	1.0	0.3	1.9
Thymus and Other Endocrine-----	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1
Lymphoma-----	3.9	3.5	4.3	4.3	3.8	4.8	2.7	2.5	3.1
Hodgkin Lymphoma-----	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.3	0.5
Non-Hodgkin lymphoma-----	3.4	3.1	3.8	3.8	3.4	4.3	2.3	2.1	2.5
Myeloma-----	1.6	1.6	1.5	1.2	1.3	1.2	2.5	2.6	2.4
Leukemia-----	2.8	3.0	2.6	3.0	3.3	2.8	2.2	2.2	2.3
Lymphocytic-----	1.3	1.4	1.1	1.4	1.6	1.2	1.0	1.1	0.8
Acute Lymphocytic -----	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.1
Chronic Lymphocytic-----	0.9	1.0	0.9	1.0	1.0	1.0	0.7	0.7	0.7
Other-----	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.0
Myeloid and Monocytic Leukemia-----	1.3	1.2	1.3	1.4	1.4	1.3	0.9	0.8	1.1
Acute Myeloid Leukemia-----	0.9	0.8	0.9	1.0	1.0	1.0	0.6	0.5	0.7
Acute Monocytic Leukemia-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic Myeloid Leukemia-----	0.3	0.4	0.3	0.4	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-----	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.4
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-----	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.3
Ill-Defined and Unknown Sites-----	2.3	2.2	2.5	2.3	2.1	2.5	2.6	2.6	2.6

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- Not applicable

**TABLE B1.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY PRIMARY SITE, RACE AND SEX, 1999-2003, LOUISIANA

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	487.8	613.8	402.3	483.0	595.6	406.6	508.4	680.3	397.9
Oral Cavity and Pharynx-----	12.1	19.2	6.2	12.1	18.8	6.4	12.1	21.0	5.5
Lip-----	0.8	1.6	0.2	1.1	2.0	0.3	0.1	-	-
Tongue-----	2.6	3.9	1.4	2.8	4.2	1.6	1.9	3.0	1.0
Salivary Gland-----	1.2	1.9	0.8	1.3	2.0	0.7	1.2	1.6	0.9
Floor of Mouth-----	1.1	1.7	0.5	1.0	1.5	0.5	1.3	2.3	0.4
Gum and Other Mouth-----	2.1	3.0	1.4	2.1	2.9	1.4	2.1	3.3	1.2
Nasopharynx-----	0.8	1.2	0.4	0.6	0.8	0.4	1.1	1.9	0.5
Tonsil-----	1.7	2.7	0.7	1.7	2.6	0.7	1.8	3.1	0.7
Oropharynx-----	0.5	0.8	0.2	0.4	0.6	0.2	0.8	1.7	0.2
Hypopharynx-----	1.0	1.7	0.4	0.9	1.4	0.4	1.2	2.5	0.3
Other-----	0.4	0.8	0.1	0.4	0.6	0.1	0.7	1.3	0.2
Digestive System-----	97.9	124.5	77.9	91.8	118.1	71.5	116.8	146.2	96.5
Esophagus-----	5.1	9.0	2.0	4.7	8.4	1.8	6.2	11.3	2.6
Stomach-----	8.2	11.4	5.9	6.1	8.9	4.0	14.7	19.7	11.4
Small Intestine-----	2.0	2.6	1.6	1.7	2.3	1.3	2.9	3.7	2.3
Colon and Rectum-----	59.4	72.7	49.6	57.4	71.4	46.8	66.1	78.2	58.1
Colon -----	43.2	51.6	37.3	41.0	49.6	34.6	50.5	59.0	44.9
Rectum and Rectosigmoid Junction---	16.2	21.1	12.4	16.4	21.7	12.2	15.7	19.2	13.2
Anus, Anal Canal and Anorectum-----	1.3	1.2	1.4	1.4	1.2	1.6	1.1	1.2	1.0
Liver and Intrahepatic Bile Duct-----	5.8	9.5	3.0	5.5	8.8	2.9	6.3	10.6	3.0
Liver-----	5.4	8.9	2.6	5.1	8.3	2.5	5.8	9.9	2.6
Intrahepatic Bile Duct-----	0.5	0.6	0.4	0.4	0.5	0.4	0.5	0.7	0.4
Gallbladder-----	1.1	0.8	1.4	1.0	0.8	1.1	1.6	1.0	1.9
Other Biliary Tract-----	1.4	1.6	1.3	1.4	1.7	1.3	1.4	1.5	1.3
Pancreas-----	12.6	15.0	10.8	11.7	14.1	9.8	15.8	18.3	13.9
Retroperitoneum-----	0.3	0.2	0.3	0.3	0.2	0.3	0.2	-	0.3
Peritoneum, Omentum and Mesentery-----	0.3	0.1	0.4	0.3	0.1	0.5	0.2	-	0.3
Other-----	0.3	0.3	0.3	0.2	0.2	0.2	0.4	0.4	0.4
Respiratory System-----	88.8	128.2	60.2	87.9	121.8	63.1	92.4	151.3	52.3
Nose, Nasal Cavity and Middle Ear-----	0.7	0.9	0.5	0.6	0.9	0.5	0.7	1.0	0.5
Larynx-----	6.0	10.6	2.3	5.4	9.2	2.3	7.8	15.4	2.4
Lung and Bronchus-----	80.7	114.1	56.8	80.3	108.8	59.7	83.0	133.4	49.0
Pleura-----	1.2	2.3	0.5	1.4	2.6	0.5	0.6	1.1	0.3
Trachea and Other-----	0.2	0.3	0.1	0.2	0.3	0.1	0.1	0.3	-
Bones and Joints-----	0.9	0.9	0.9	0.9	0.9	1.0	0.8	0.9	0.7
Soft Tissue (Incl. heart)-----	3.3	3.9	2.9	3.2	4.0	2.7	3.3	3.3	3.3
Skin (Excl. basal and squamous)-----	12.2	16.2	9.3	15.5	20.2	12.2	2.6	3.6	1.8
Melanoma of the Skin-----	10.2	13.5	7.9	13.5	17.4	10.7	1.1	1.4	0.9
Other Non-Epithelial Skin-----	2.0	2.8	1.4	2.0	2.8	1.5	1.5	2.2	0.9
Breast-----	68.6	1.8	122.8	68.2	1.6	124.1	70.2	2.4	120.3

Female Genital System-----	24.1	-	43.8	23.2	-	43.1	27.3	-	47.2
Cervix Uteri-----	5.6	-	10.6	4.6	-	8.9	8.4	-	14.9
Corpus and Uterus, NOS-----	9.5	-	17.1	9.3	-	17.2	10.5	-	17.8
Corpus Uteri-----	9.2	-	16.5	9.0	-	16.8	10.0	-	16.9
Uterus, NOS-----	0.3	-	0.6	0.3	-	0.5	0.5	-	0.8
Ovary-----	6.8	-	12.2	7.2	-	13.1	6.1	-	10.4
Vagina-----	0.5	-	0.9	0.4	-	0.7	0.7	-	1.2
Vulva-----	1.5	-	2.7	1.6	-	2.8	1.4	-	2.4
Other-----	0.2	-	0.4	0.2	-	0.3	0.3	-	0.5
Male Genital System-----	78.8	185.1	-	73.4	169.1	-	94.9	237.0	-
Prostate-----	76.1	179.5	-	70.0	162.1	-	93.6	234.0	-
Testis-----	2.1	4.3	-	2.9	5.7	-	0.7	1.5	-
Penis-----	0.5	1.1	-	0.5	1.1	-	0.5	1.3	-
Other-----	0.1	0.2	-	0.1	0.2	-	-	-	-
Urinary System-----	35.2	56.9	19.8	38.2	62.2	20.9	26.8	41.2	17.3
Urinary Bladder (Incl. In Situ)-----	18.8	34.2	8.2	21.3	39.1	8.8	11.2	18.7	6.3
Kidney and Renal Pelvis-----	15.5	21.2	11.1	15.9	21.3	11.5	15.1	21.9	10.4
Ureter-----	0.7	1.1	0.4	0.8	1.4	0.5	0.2	-	0.2
Other-----	0.3	0.4	0.2	0.2	0.4	0.1	0.3	0.3	0.3
Eye and Orbit-----	0.8	0.9	0.6	0.9	1.1	0.8	0.3	0.4	0.2
Brain and Nervous System-----	5.9	7.3	4.8	6.6	8.2	5.4	4.3	4.9	3.8
Brain-----	5.6	6.9	4.5	6.3	7.8	5.1	4.0	4.5	3.5
Cranial Nerves and Other NS-----	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
Endocrine System-----	7.5	4.2	10.5	8.6	4.9	12.3	5.3	2.5	7.4
Thyroid-----	6.7	3.5	9.7	7.8	4.2	11.5	4.4	1.8	6.6
Thymus and Other Endocrine-----	0.8	0.7	0.8	0.8	0.7	0.8	0.8	0.8	0.9
Lymphoma-----	21.3	25.3	18.2	23.4	27.4	20.3	15.3	19.0	12.4
Hodgkin Lymphoma-----	2.7	2.9	2.5	3.0	3.2	2.8	2.1	2.4	1.8
Non-Hodgkin lymphoma-----	18.6	22.4	15.7	20.4	24.2	17.5	13.2	16.6	10.6
Myeloma-----	6.4	8.5	5.0	4.8	6.3	3.7	11.6	15.9	9.0
Leukemia-----	12.3	16.5	9.4	13.1	17.6	9.8	10.4	13.3	8.3
Lymphocytic-----	5.4	7.6	3.7	5.9	8.3	4.0	4.2	5.9	2.9
Acute Lymphocytic -----	1.2	1.5	0.8	1.3	1.9	0.9	0.9	1.1	0.8
Chronic Lymphocytic-----	3.8	5.3	2.7	4.0	5.6	2.9	3.0	4.5	2.0
Other-----	0.5	0.7	0.2	0.5	0.9	0.2	0.2	0.3	-
Myeloid and Monocytic Leukemia-----	5.8	7.2	4.8	6.1	7.7	4.9	4.8	5.7	4.3
Acute Myeloid Leukemia-----	3.7	4.7	3.1	3.9	5.0	3.1	3.2	3.7	2.9
Acute Monocytic Leukemia-----	0.2	0.2	0.2	0.2	0.2	0.2	0.1	-	-
Chronic Myeloid Leukemia-----	1.7	2.1	1.3	1.8	2.2	1.4	1.3	1.5	1.1
Other Myeloid/Monocytic Leukemia---	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2
Other Leukemia-----	1.2	1.7	0.9	1.1	1.7	0.8	1.3	1.7	1.1
Other Acute Leukemia-----	0.5	0.6	0.5	0.5	0.6	0.4	0.5	0.6	0.4
Aleukemic, Subleukemic and NOS-----	0.7	1.0	0.5	0.6	1.0	0.4	0.9	1.1	0.7
Ill-Defined and Unknown Sites-----	11.8	14.4	9.9	11.1	13.4	9.3	14.1	17.5	11.7
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	11.7	0.3	21.3	12.0	0.3	22.2	11.2	0.2	19.4

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 B2.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY PRIMARY SITE, RACE AND SEX, 1999-2003, SOUTH LOUISIANA

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	491.5	615.9	406.4	485.6	596.7	409.9	515.4	684.7	404.1
Oral Cavity and Pharynx-----	11.5	18.3	5.9	11.4	17.6	6.0	12.0	20.6	5.5
Lip-----	0.6	1.1	0.2	0.8	1.4	0.2	-	-	-
Tongue-----	2.5	3.7	1.5	2.7	4.0	1.6	1.7	2.7	0.9
Salivary Gland-----	1.2	1.8	0.7	1.2	1.9	0.7	1.1	1.6	0.8
Floor of Mouth-----	1.0	1.6	0.4	0.9	1.5	0.5	1.2	2.1	0.4
Gum and Other Mouth-----	2.0	2.9	1.3	2.0	2.7	1.3	2.2	3.4	1.2
Nasopharynx-----	0.8	1.3	0.4	0.6	0.9	0.3	1.2	1.9	0.6
Tonsil-----	1.7	2.8	0.7	1.7	2.7	0.7	1.9	3.2	0.8
Oropharynx-----	0.4	0.8	0.1	0.3	0.5	0.1	0.7	1.6	-
Hypopharynx-----	0.9	1.7	0.4	0.9	1.5	0.4	1.3	2.5	0.3
Other-----	0.4	0.8	0.2	0.3	0.6	0.1	0.7	1.4	-
Digestive System-----	99.1	125.8	79.0	92.4	118.9	72.2	120.1	149.1	99.6
Esophagus-----	5.1	9.1	1.9	4.8	8.6	1.8	6.0	10.9	2.5
Stomach-----	8.4	11.6	6.1	6.2	9.1	4.0	15.4	19.9	12.3
Small Intestine-----	2.0	2.6	1.6	1.7	2.3	1.3	3.0	3.7	2.5
Colon and Rectum-----	59.1	71.9	49.7	56.7	70.0	46.7	67.0	79.3	58.6
Colon -----	43.2	51.2	37.4	40.7	48.9	34.5	51.3	59.8	45.6
Rectum and Rectosigmoid Junction---	15.9	20.7	12.3	16.1	21.1	12.2	15.7	19.5	13.0
Anus, Anal Canal and Anorectum-----	1.5	1.5	1.4	1.5	1.4	1.6	1.2	1.4	1.1
Liver and Intrahepatic Bile Duct-----	6.6	10.8	3.2	6.1	10.0	3.0	7.3	12.2	3.5
Liver-----	6.1	10.2	2.8	5.7	9.5	2.6	6.7	11.3	3.1
Intrahepatic Bile Duct-----	0.5	0.6	0.4	0.5	0.6	0.4	0.6	0.9	0.4
Gallbladder-----	1.2	0.8	1.4	1.1	0.9	1.2	1.6	0.9	2.0
Other Biliary Tract-----	1.4	1.7	1.3	1.4	1.7	1.2	1.4	1.6	1.3
Pancreas-----	13.0	15.1	11.4	12.1	14.3	10.4	16.5	18.5	14.9
Retroperitoneum-----	0.2	0.3	0.2	0.3	0.3	0.2	0.2	-	-
Peritoneum, Omentum and Mesentery-----	0.3	-	0.5	0.3	-	0.5	0.2	-	0.3
Other-----	0.3	0.3	0.3	0.2	0.2	0.2	0.4	-	0.4
Respiratory System-----	88.8	127.0	60.8	87.3	119.9	63.2	94.5	153.0	54.2
Nose, Nasal Cavity and Middle Ear-----	0.7	0.9	0.6	0.7	0.9	0.5	0.9	1.1	0.7
Larynx-----	6.2	10.9	2.3	5.6	9.7	2.3	7.9	15.7	2.3
Lung and Bronchus-----	80.3	112.1	57.2	79.1	106.0	59.5	84.7	134.6	50.6
Pleura-----	1.5	2.7	0.6	1.7	3.1	0.7	0.8	1.3	0.5
Trachea and Other-----	0.2	0.3	0.1	0.2	0.3	0.1	-	-	-
Bones and Joints-----	1.0	0.9	0.9	1.0	0.9	1.0	0.9	1.1	0.8
Soft Tissue (Incl. heart)-----	3.3	3.9	2.9	3.3	4.1	2.8	3.0	2.9	3.1
Skin (Excl. basal and squamous)-----	11.7	15.3	9.2	14.7	18.8	11.9	2.6	3.6	2.0
Melanoma of the Skin-----	9.8	12.7	7.8	12.8	16.2	10.4	1.2	1.4	1.0
Other Non-Epithelial Skin-----	1.9	2.6	1.3	2.0	2.6	1.5	1.4	2.2	0.9
Breast-----	69.9	1.9	125.5	69.7	1.7	127.0	71.2	2.7	122.2

Female Genital System-----	23.6	-	43.1	22.9	-	42.7	26.2	-	45.6
Cervix Uteri-----	5.3	-	10.1	4.5	-	8.7	7.6	-	13.6
Corpus and Uterus, NOS-----	9.4	-	17.0	9.3	-	17.2	10.1	-	17.3
Corpus Uteri-----	9.0	-	16.4	9.0	-	16.7	9.7	-	16.5
Uterus, NOS-----	0.3	-	0.6	0.3	-	0.5	0.5	-	0.8
Ovary-----	6.8	-	12.1	7.1	-	12.9	6.0	-	10.4
Vagina-----	0.5	-	0.9	0.4	-	0.8	0.8	-	1.3
Vulva-----	1.5	-	2.7	1.5	-	2.7	1.4	-	2.5
Other-----	0.2	-	0.4	0.2	-	0.3	0.2	-	0.4
Male Genital System-----	79.5	185.7	-	74.4	170.7	-	94.6	234.0	-
Prostate-----	76.8	180.0	-	71.0	163.7	-	93.3	230.9	-
Testis-----	2.2	4.5	-	2.9	5.8	-	0.8	1.8	-
Penis-----	0.4	1.0	-	0.4	1.0	-	0.4	1.2	-
Other-----	0.1	0.2	-	0.1	0.2	-	-	-	-
Urinary System-----	36.4	59.2	20.1	39.4	64.3	21.3	27.7	43.5	16.9
Urinary Bladder (Incl. In Situ)-----	19.4	35.6	8.2	21.9	40.2	8.9	11.8	20.6	6.1
Kidney and Renal Pelvis-----	16.0	22.0	11.3	16.5	22.2	11.8	15.3	22.2	10.3
Ureter-----	0.7	1.2	0.4	0.9	1.4	0.5	0.3	-	-
Other-----	0.3	0.4	0.2	0.2	0.4	0.1	0.3	0.4	0.3
Eye and Orbit-----	0.8	1.1	0.7	1.0	1.3	0.8	0.3	0.5	0.3
Brain and Nervous System-----	5.8	7.2	4.7	6.5	8.2	5.2	4.1	4.4	3.9
Brain-----	5.4	6.9	4.4	6.2	7.9	4.9	3.8	4.1	3.5
Cranial Nerves and Other NS-----	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3
Endocrine System-----	7.8	4.4	10.9	9.0	5.2	12.7	5.4	2.8	7.4
Thyroid-----	6.9	3.6	10.0	8.1	4.3	11.9	4.4	1.9	6.4
Thymus and Other Endocrine-----	0.8	0.8	0.9	0.8	0.9	0.8	1.0	0.9	1.1
Lymphoma-----	22.3	26.9	18.7	24.4	29.0	20.9	16.3	20.7	12.9
Hodgkin Lymphoma-----	2.8	3.1	2.6	3.2	3.5	3.0	2.2	2.7	1.8
Non-Hodgkin lymphoma-----	19.5	23.8	16.1	21.2	25.6	17.9	14.1	18.0	11.1
Myeloma-----	6.0	7.9	4.7	4.4	5.9	3.3	11.2	14.9	8.9
Leukemia-----	11.9	15.8	9.1	12.5	16.7	9.4	10.3	13.3	8.3
Lymphocytic-----	5.0	7.2	3.5	5.5	7.9	3.8	4.0	5.7	2.8
Acute Lymphocytic -----	1.1	1.5	0.9	1.3	1.8	0.9	1.0	1.1	0.9
Chronic Lymphocytic-----	3.5	5.1	2.4	3.7	5.3	2.6	2.8	4.4	1.8
Other-----	0.4	0.6	0.2	0.5	0.8	0.2	0.2	0.3	-
Myeloid and Monocytic Leukemia-----	5.7	7.0	4.7	5.9	7.3	4.8	5.0	5.9	4.4
Acute Myeloid Leukemia-----	3.6	4.5	2.9	3.6	4.7	2.9	3.4	3.9	3.0
Acute Monocytic Leukemia-----	0.2	0.3	0.2	0.3	0.3	0.3	0.1	-	-
Chronic Myeloid Leukemia-----	1.7	2.0	1.4	1.7	2.1	1.5	1.3	1.5	1.1
Other Myeloid/Monocytic Leukemia---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	-
Other Leukemia-----	1.2	1.6	1.0	1.1	1.6	0.9	1.3	1.7	1.1
Other Acute Leukemia-----	0.5	0.6	0.5	0.5	0.6	0.5	0.4	0.6	0.4
Aleukemic, Subleukemic and NOS-----	0.7	1.0	0.5	0.6	1.0	0.4	0.9	1.1	0.7
Ill-Defined and Unknown Sites-----	12.1	14.6	10.2	11.2	13.7	9.4	14.8	17.7	12.6
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	11.9	0.3	21.7	12.2	0.3	22.7	11.2	-	19.5

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 B3.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY PRIMARY SITE, RACE AND SEX, 1999-2003, NORTH LOUISIANA

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	478.2	608.2	392.0	476.0	592.4	397.9	492.1	668.6	384.0
Oral Cavity and Pharynx-----	13.4	21.7	6.8	13.8	21.7	7.1	12.6	22.0	5.7
Lip-----	1.4	2.8	0.4	1.9	3.6	0.5	-	-	-
Tongue-----	2.8	4.5	1.4	3.0	4.8	1.4	2.4	3.9	1.2
Salivary Gland-----	1.3	2.1	0.8	1.4	2.3	0.7	1.3	1.6	1.1
Floor of Mouth-----	1.3	2.1	0.6	1.2	1.8	0.6	1.5	2.8	-
Gum and Other Mouth-----	2.3	3.2	1.6	2.4	3.4	1.7	1.9	2.8	1.3
Nasopharynx-----	0.6	0.9	0.4	0.5	0.5	0.5	1.0	2.0	-
Tonsil-----	1.6	2.6	0.7	1.6	2.5	0.8	1.5	2.7	-
Oropharynx-----	0.6	1.0	0.3	0.5	0.7	0.3	1.0	2.0	-
Hypopharynx-----	1.0	1.6	0.5	0.9	1.3	0.6	1.2	2.7	-
Other-----	0.5	0.9	-	0.4	0.8	-	0.6	1.1	-
Digestive System-----	95.1	121.6	75.6	90.4	116.8	70.2	109.7	139.4	90.0
Esophagus-----	5.1	8.9	2.2	4.6	7.9	1.9	6.8	12.4	2.7
Stomach-----	7.7	10.8	5.5	5.8	8.3	3.9	13.3	19.3	9.7
Small Intestine-----	1.9	2.5	1.5	1.7	2.2	1.4	2.7	3.7	2.1
Colon and Rectum-----	60.3	75.1	49.7	59.3	75.3	47.3	64.2	75.5	57.1
Colon -----	43.6	52.9	37.3	42.0	51.9	35.1	48.8	57.2	43.8
Rectum and Rectosigmoid Junction-----	16.8	22.2	12.4	17.3	23.4	12.2	15.4	18.3	13.3
Anus, Anal Canal and Anorectum-----	1.1	0.6	1.4	1.2	0.7	1.6	0.7	-	0.8
Liver and Intrahepatic Bile Duct-----	3.9	5.9	2.3	3.9	5.8	2.5	3.8	6.7	1.5
Liver-----	3.5	5.6	2.0	3.5	5.4	2.1	3.5	6.4	1.3
Intrahepatic Bile Duct-----	0.4	0.4	0.4	0.4	0.4	0.3	-	-	-
Gallbladder-----	1.0	0.7	1.3	0.8	0.6	1.0	1.5	1.2	1.7
Other Biliary Tract-----	1.5	1.6	1.4	1.5	1.6	1.4	1.3	1.3	1.4
Pancreas-----	11.6	14.6	9.3	10.8	13.7	8.3	14.3	17.9	11.7
Retroperitoneum-----	0.3	-	0.4	0.3	-	0.4	0.3	0.0	0.6
Peritoneum, Omentum and Mesentery-----	0.3	0.3	0.3	0.3	-	0.3	-	-	-
Other-----	0.3	0.3	0.3	0.3	-	0.2	0.5	-	-
Respiratory System-----	88.9	131.2	58.9	89.6	126.5	63.2	87.6	147.2	48.2
Nose, Nasal Cavity and Middle Ear-----	0.5	0.8	0.3	0.6	0.8	0.4	0.4	0.9	-
Larynx-----	5.6	9.8	2.4	4.9	8.1	2.4	7.6	14.8	2.4
Lung and Bronchus-----	81.9	119.1	55.9	83.2	115.9	60.1	79.1	130.5	45.7
Pleura-----	0.6	1.3	-	0.7	1.5	-	-	-	-
Trachea and Other-----	0.2	0.2	-	0.2	-	-	-	-	-
Bones and Joints-----	0.8	0.8	0.8	0.9	0.9	1.0	0.6	-	0.5
Soft Tissue (Incl. heart)-----	3.2	3.9	2.7	2.9	3.8	2.2	3.9	4.1	3.8
Skin (Excl. basal and squamous)-----	13.3	18.6	9.5	17.5	23.8	13.0	2.4	3.6	1.6
Melanoma of the Skin-----	11.2	15.5	8.0	15.3	20.5	11.5	0.9	1.3	0.7
Other Non-Epithelial Skin-----	2.1	3.1	1.4	2.2	3.3	1.6	1.5	2.3	0.9
Breast-----	65.0	1.5	115.9	64.3	1.5	116.6	67.4	1.5	115.4

Female Genital System-----	25.3	-	45.6	23.9	-	44.1	29.7	-	50.7
Cervix Uteri-----	6.3	-	12.0	4.9	-	9.5	10.2	-	18.1
Corpus and Uterus, NOS-----	9.7	-	17.3	9.3	-	17.2	11.2	-	18.7
Corpus Uteri-----	9.4	-	16.8	9.1	-	16.8	10.6	-	17.7
Uterus, NOS-----	0.3	-	0.5	0.2	-	0.3	0.6	-	1.0
Ovary-----	7.0	-	12.4	7.4	-	13.5	6.0	-	10.0
Vagina-----	0.4	-	0.8	0.4	-	0.7	0.6	-	1.0
Vulva-----	1.6	-	2.8	1.7	-	3.1	1.3	-	2.2
Other-----	0.2	-	0.4	0.2	-	0.3	0.4	-	0.8
Male Genital System-----	76.7	183.0	-	70.7	164.5	-	95.2	243.5	-
Prostate-----	74.2	177.6	-	67.3	157.4	-	94.3	241.1	-
Testis-----	1.9	3.8	-	2.8	5.5	-	0.3	0.8	-
Penis-----	0.6	1.4	-	0.5	1.3	-	0.6	1.7	-
Other-----	-	-	-	-	-	-	-	-	-
Urinary System-----	32.5	51.4	19.4	35.3	56.7	20.0	24.8	35.4	18.2
Urinary Bladder (Incl. In Situ)-----	17.3	30.9	8.1	20.0	36.2	8.6	9.8	14.3	7.0
Kidney and Renal Pelvis-----	14.3	19.3	10.6	14.3	18.9	10.7	14.6	20.7	10.7
Ureter-----	0.7	1.0	0.4	0.8	1.3	0.5	-	-	-
Other-----	0.2	0.2	0.2	0.2	-	-	-	-	-
Eye and Orbit-----	0.5	0.6	0.5	0.8	0.8	0.8	-	-	-
Brain and Nervous System-----	6.2	7.5	5.1	6.9	8.1	5.8	4.7	6.0	3.7
Brain-----	5.9	7.1	4.9	6.6	7.9	5.5	4.3	5.5	3.5
Cranial Nerves and Other NS-----	0.3	0.3	0.3	0.3	-	0.3	0.4	-	-
Endocrine System-----	6.7	3.6	9.6	7.5	4.2	10.9	5.1	2.1	7.5
Thyroid-----	6.2	3.2	9.0	7.0	3.8	10.1	4.7	1.5	7.1
Thymus and Other Endocrine-----	0.5	0.4	0.7	0.6	0.3	0.8	0.5	-	-
Lymphoma-----	18.5	21.0	16.8	20.6	23.0	18.9	12.6	14.5	11.5
Hodgkin Lymphoma-----	2.2	2.1	2.2	2.4	2.4	2.5	1.7	1.6	1.8
Non-Hodgkin lymphoma-----	16.3	18.8	14.6	18.2	20.6	16.4	10.9	12.9	9.6
Myeloma-----	7.5	9.9	5.8	5.8	7.3	4.6	12.5	18.1	9.2
Leukemia-----	13.4	18.1	10.0	14.5	19.9	10.5	10.4	13.4	8.4
Lymphocytic-----	6.2	8.7	4.3	6.8	9.5	4.7	4.6	6.7	3.1
Acute Lymphocytic -----	1.2	1.8	0.7	1.4	2.1	0.8	0.8	1.3	-
Chronic Lymphocytic-----	4.4	5.9	3.3	4.7	6.2	3.6	3.5	4.9	2.5
Other-----	0.6	1.0	0.3	0.7	1.2	0.3	-	-	-
Myeloid and Monocytic Leukemia-----	6.0	7.6	4.8	6.5	8.5	5.1	4.4	5.1	4.0
Acute Myeloid Leukemia-----	4.1	5.1	3.4	4.6	5.9	3.7	2.7	3.0	2.4
Acute Monocytic Leukemia-----	-	-	-	-	-	-	-	-	-
Chronic Myeloid Leukemia-----	1.7	2.3	1.2	1.8	2.5	1.3	1.3	1.7	1.1
Other Myeloid/Monocytic Leukemia-----	0.2	0.2	-	-	-	-	0.4	-	-
Other Leukemia-----	1.2	1.8	0.9	1.2	1.9	0.7	1.4	1.6	1.3
Other Acute Leukemia-----	0.5	0.8	0.3	0.5	0.8	0.3	0.5	-	-
Alekemic, Subleukemic and NOS-----	0.7	1.1	0.6	0.6	1.1	0.4	0.9	0.9	0.9
Ill-Defined and Unknown Sites-----	11.1	13.8	9.1	10.6	12.9	8.9	12.7	17.0	9.7
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----									

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 LOUISIANA REGION, 1999-2003, ALL RACES, MALES AND FEMALES

PRIMARY SITE:	NEW ORLEANS	BATON ROUGE	SOUTHEAST	ACADIANA	SOUTHWEST	CENTRAL	NORTHWEST	NORTHEAST	
	LOUISIANA	REGION	REGION	REEGION	REGION	REGION	REGION	REGION	
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	103515	23739	17533	12707	14016	6887	6847	13406	8380
Oral Cavity and Pharynx-----	2598	574	451	286	325	161	189	341	271
Lip-----	178	18	21	18	19	15	21	28	38
Tongue-----	555	134	85	63	70	36	40	78	49
Salivary Gland-----	260	51	50	29	27	22	22	30	29
Floor of Mouth-----	229	48	35	28	30	12	17	35	24
Gum and Other Mouth-----	447	100	80	42	67	23	33	49	53
Nasopharynx-----	164	51	32	20	17	7	10	14	13
Tonsil-----	363	70	78	46	53	23	19	45	29
Oropharynx-----	101	15	19	11	10	9	6	19	12
Hypopharynx-----	207	59	38	19	19	12	14	29	17
Other-----	94	28	13	10	13	2	7	14	7
Digestive System-----	20590	4901	3440	2508	2685	1345	1447	2711	1553
Esophagus-----	1080	229	194	138	136	75	77	158	73
Stomach-----	1719	447	258	239	206	106	97	248	118
Small Intestine-----	426	128	66	41	56	20	28	50	37
Colon and Rectum-----	12487	2826	2088	1520	1602	829	913	1726	983
Colon -----	9057	2082	1546	1095	1130	585	641	1242	736
Rectum and Rectosigmoid Junction-----	3430	744	542	425	472	244	272	484	247
Anus, Anal Canal and Anorectum-----	289	89	64	31	14	28	12	32	19
Liver and Intrahepatic Bile Duct-----	1243	401	223	155	151	79	48	112	74
Liver-----	1149	383	212	141	133	68	44	100	68
Intrahepatic Bile Duct-----	94	18	11	14	18	11	4	12	6
Gallbladder-----	238	68	39	32	26	10	16	33	14
Other Biliary Tract-----	295	52	46	31	46	30	22	46	22
Pancreas-----	2641	617	439	300	428	156	222	281	198
Retroperitoneum-----	54	10	5	7	7	7	4	10	4
Peritoneum, Omentum and Mesentery-----	60	11	16	5	8	4	6	2	8
Other-----	58	23	2	9	5	1	2	13	3
Respiratory System-----	18824	4512	2920	2212	2606	1216	1354	2428	1576
Nose, Nasal Cavity and Middle Ear-----	145	43	29	18	15	8	8	15	9
Larynx-----	1294	320	215	160	191	73	94	142	99
Lung and Bronchus-----	17089	4029	2622	1996	2374	1125	1245	2249	1449
Pleura-----	256	109	49	33	20	8	6	16	15
Trachea and Other-----	40	11	5	5	6	2	1	6	4
Bones and Joints-----	202	61	30	32	22	9	14	23	11
Soft Tissue (Incl. heart)-----	704	165	140	80	99	33	31	99	57
Skin (Excl. basal and squamous)-----	2592	480	510	309	304	209	163	330	287
Melanoma of the Skin-----	2184	365	444	281	255	182	141	281	235
Other Non-Epithelial Skin-----	408	115	66	28	49	27	22	49	52
Breast-----	14629	3539	2586	1820	1926	923	810	1872	1153
Female Genital System-----	5146	1177	868	622	670	324	334	696	455
Cervix Uteri-----	1205	262	211	124	157	92	86	166	107

Corpus and Uterus, NOS-----	2022	453	343	251	277	123	109	282	184
Corpus Uteri-----	1955	434	331	242	271	119	106	274	178
Uterus, NOS-----	67	19	12	9	6	4	3	8	6
Ovary-----	1452	343	235	193	184	80	102	189	126
Vagina-----	104	23	22	13	11	8	8	11	8
Vulva-----	318	81	53	34	38	20	27	39	26
Other-----	45	15	4	7	3	1	2	9	4
Male Genital System-----	16747	3460	3052	2000	2354	1218	1096	2283	1284
Prostate-----	16163	3347	2939	1914	2262	1181	1051	2224	1245
Testis-----	466	94	89	74	73	31	29	43	33
Penis-----	100	15	22	11	14	5	14	14	5
Other-----	18	4	2	1	5	1	2	2	1
Urinary System-----	7439	1723	1244	1042	999	479	497	891	564
Urinary Bladder (Incl. In Situ)-----	3925	938	629	553	516	245	255	471	318
Kidney and Renal Pelvis-----	3317	742	585	464	454	217	229	395	231
Ureter-----	144	33	23	16	21	11	12	17	11
Other-----	53	10	7	9	8	6	1	8	4
Eye and Orbit-----	161	37	27	38	18	9	7	12	13
Brain and Nervous System-----	1274	254	242	174	159	80	95	147	123
Brain-----	1207	238	233	166	149	73	89	139	120
Cranial Nerves and Other NS-----	67	16	9	8	10	7	6	8	3
Endocrine System-----	1635	356	206	263	313	109	87	182	119
Thyroid-----	1468	309	175	240	288	99	80	165	112
Thymus and Other Endocrine-----	167	47	31	23	25	10	7	17	7
Lymphoma-----	4534	1027	800	587	639	378	275	501	327
Hodgkin Lymphoma-----	594	138	119	72	92	45	29	65	34
Non-Hodgkin lymphoma-----	3940	889	681	515	547	333	246	436	293
Myeloma-----	1353	292	243	136	163	69	82	203	165
Leukemia-----	2617	525	417	344	367	157	198	372	237
Lymphocytic-----	1144	203	175	143	170	79	93	169	112
Acute Lymphocytic -----	261	53	35	46	39	16	19	34	19
Chronic Lymphocytic-----	785	134	127	86	118	53	64	121	82
Other-----	98	16	13	11	13	10	10	14	11
Myeloid and Monocytic Leukemia-----	1221	268	208	151	168	67	94	158	107
Acute Myeloid Leukemia-----	787	168	136	86	104	48	68	104	73
Acute Monocytic Leukemia-----	39	12	7	7	7	2	0	1	3
Chronic Myeloid Leukemia-----	353	77	52	55	53	16	25	45	30
Other Myeloid/Monocytic Leukemia-----	42	11	13	3	4	1	1	8	1
Other Leukemia-----	252	54	34	50	29	11	11	45	18
Other Acute Leukemia-----	109	17	12	30	12	8	7	13	10
Alekemic, Subleukemic and NOS-----	143	37	22	20	17	3	4	32	8
Ill-Defined and Unknown Sites-----	2470	656	357	254	367	168	168	315	185
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	2522	667	397	326	325	145	117	369	176

**TABLE C2.** NUMBER OF CANCER CASES (5 YEARS COMBINED) BY LOUISIANA REGION, 1999-2003, 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-----	40445	7881	6734	5676	5797	3104	2948	5108	3197
Oral Cavity and Pharynx-----	1335	248	234	170	174	87	100	162	160
Lip-----	143	14	19	11	16	13	17	22	31
Tongue-----	304	70	40	41	42	17	21	44	29
Salivary Gland-----	136	24	25	16	15	13	10	14	19
Floor of Mouth-----	112	20	21	12	15	8	9	18	9
Gum and Other Mouth-----	200	35	40	27	28	7	16	17	30
Nasopharynx-----	55	15	11	8	8	4	3	2	4
Tonsil-----	197	31	42	32	30	12	10	21	19
Oropharynx-----	41	4	8	6	4	5	3	4	7
Hypopharynx-----	101	25	18	12	12	7	6	12	9
Other-----	46	10	10	5	4	1	5	8	3
Digestive System-----	7918	1652	1267	1148	1084	573	616	979	599
Esophagus-----	579	115	105	82	80	44	40	75	38
Stomach-----	591	135	69	101	79	52	35	84	36
Small Intestine-----	154	38	24	14	26	11	12	17	12
Colon and Rectum-----	4769	910	771	696	649	328	395	633	387
Colon -----	3271	649	531	473	429	227	263	426	273
Rectum and Rectosigmoid Junction-----	1498	261	240	223	220	101	132	207	114
Anus, Anal Canal and Anorectum-----	89	34	17	7	5	13	3	3	7
Liver and Intrahepatic Bile Duct-----	602	173	103	97	77	46	22	54	30
Liver-----	570	167	101	90	71	42	20	51	28
Intrahepatic Bile Duct-----	32	6	2	7	6	4	2	3	2
Gallbladder-----	52	18	7	9	5	2	3	6	2
Other Biliary Tract-----	105	19	19	13	14	11	7	15	7
Pancreas-----	935	200	148	125	144	61	94	88	75
Retroperitoneum-----	17	4	2	2	2	3	1	1	2
Peritoneum, Omentum and Mesentery-----	9	2	0	0	1	1	3	0	2
Other-----	16	4	2	2	2	1	1	3	1
Respiratory System-----	8306	1679	1324	1103	1176	600	688	1040	696
Nose, Nasal Cavity and Middle Ear-----	62	13	13	7	8	6	5	8	2
Larynx-----	658	139	119	103	95	42	48	70	42
Lung and Bronchus-----	7392	1458	1153	967	1054	544	630	948	638
Pleura-----	174	65	36	22	16	6	5	13	11
Trachea and Other-----	20	4	3	4	3	2	0	1	3
Bones and Joints-----	65	22	6	12	6	2	5	9	3
Soft Tissue (Incl. heart)-----	271	61	55	38	32	15	9	38	23
Skin (Excl. basal and squamous)-----	1377	245	252	161	163	114	93	194	155
Melanoma of the Skin-----	1197	200	226	147	140	99	81	169	135
Other Non-Epithelial Skin-----	180	45	26	14	23	15	12	25	20
Breast-----	107	25	16	22	9	6	5	19	5

Male Genital System-----	11596	2032	1994	1615	1790	996	809	1528	832
Prostate-----	11098	1942	1902	1539	1709	964	770	1475	797
Testis-----	414	77	79	67	66	26	27	42	30
Penis-----	71	11	11	9	12	5	10	9	4
Other-----	13	2	2	0	3	1	2	2	1
Urinary System-----	4152	875	728	625	568	288	279	482	307
Urinary Bladder (Incl. In Situ)-----	2544	538	441	383	349	164	165	298	206
Kidney and Renal Pelvis-----	1495	313	269	225	201	117	105	170	95
Ureter-----	89	19	13	13	15	5	8	12	4
Other-----	24	5	5	4	3	2	1	2	2
Eye and Orbit-----	76	18	11	20	7	6	3	4	7
Brain and Nervous System-----	566	101	102	94	82	37	41	63	46
Brain-----	543	98	99	90	78	32	40	60	46
Cranial Nerves and Other NS-----	23	3	3	4	4	5	1	3	0
Endocrine System-----	354	68	45	59	66	36	18	32	30
Thyroid-----	302	57	31	51	58	31	17	27	30
Thymus and Other Endocrine-----	52	11	14	8	8	5	1	5	0
Lymphoma-----	1857	376	334	288	260	168	108	201	122
Hodgkin Lymphoma-----	229	49	45	33	41	17	8	24	12
Non-Hodgkin Lymphoma-----	1628	327	289	255	219	151	100	177	110
Myeloma-----	426	75	62	57	63	28	28	64	49
Leukemia-----	1164	202	182	153	177	82	95	170	103
Lymphocytic-----	553	90	85	67	86	48	46	82	49
Acute Lymphocytic -----	125	23	13	24	22	6	12	18	7
Chronic Lymphocytic-----	365	58	63	35	55	37	26	58	33
Other-----	63	9	9	8	9	5	8	6	9
Myeloid and Monocytic Leukemia-----	511	95	83	72	72	30	44	68	47
Acute Myeloid Leukemia-----	332	60	56	40	47	21	29	47	32
Acute Monocytic Leukemia-----	14	4	4	3	3	0	0	0	0
Chronic Myeloid Leukemia-----	153	28	19	28	21	9	14	19	15
Other Myeloid/Monocytic Leuke-----	12	3	4	1	1	0	1	2	0
Other Leukemia-----	100	17	14	14	19	4	5	20	7
Other Acute Leukemia-----	39	4	4	7	7	3	4	6	4
Alekemic, Subleukemic and NOS-----	61	13	10	7	12	1	1	14	3
Ill-Defined and Unknown Sites-----	875	202	122	111	140	66	51	123	60
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	21	3	1	6	3	1	0	5	2

**TABLE C3.** NUMBER OF CANCER CASES (5 YEARS COMBINED) BY LOUISIANA REGION, 1999-2003, 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-----	34821	7298	5691	4855	4906	2545	2391	4272	2863
Oral Cavity and Pharynx-----	549	119	90	65	60	40	48	73	54
Lip-----	28	2	2	6	2	2	3	4	7
Tongue-----	137	35	26	16	12	13	9	14	12
Salivary Gland-----	58	8	13	7	6	7	5	8	4
Floor of Mouth-----	45	8	5	11	3	2	5	5	6
Gum and Other Mouth-----	125	28	17	12	20	7	11	18	12
Nasopharynx-----	32	8	5	3	4	1	4	3	4
Tonsil-----	61	15	12	3	9	4	6	9	3
Oropharynx-----	15	0	5	1	1	1	1	5	1
Hypopharynx-----	37	10	4	5	2	2	3	6	5
Other-----	11	5	1	1	1	1	1	1	0
Digestive System-----	6385	1342	1057	845	864	493	482	798	504
Esophagus-----	162	36	25	21	18	12	11	25	14
Stomach-----	359	79	52	63	39	26	24	43	33
Small Intestine-----	114	29	17	21	10	5	9	10	13
Colon and Rectum-----	4174	855	702	548	537	334	323	542	333
Colon -----	3112	639	537	412	396	233	226	402	267
Rectum and Rectosigmoid Junction-----	1062	216	165	136	141	101	97	140	66
Anus, Anal Canal and Anorectum-----	134	25	33	21	8	10	7	21	9
Liver and Intrahepatic Bile Duct-----	255	75	36	28	35	18	16	21	26
Liver-----	220	69	35	23	27	12	15	16	23
Intrahepatic Bile Duct-----	35	6	1	5	8	6	1	5	3
Gallbladder-----	102	23	20	14	14	6	6	14	5
Other Biliary Tract-----	117	16	17	10	20	16	9	19	10
Pancreas-----	886	187	142	105	172	59	72	93	56
Retropertitoneum-----	23	3	1	3	4	4	3	5	0
Peritoneum, Omentum and Mesentery-----	39	8	12	5	5	3	1	1	4
Other-----	20	6	0	6	2	0	1	4	1
Respiratory System-----	5535	1231	829	715	800	393	369	737	461
Nose, Nasal Cavity and Middle Ear-----	40	13	9	5	1	2	2	5	3
Larynx-----	194	42	27	26	29	17	21	15	17
Lung and Bronchus-----	5244	1146	784	678	766	373	346	712	439
Pleura-----	46	26	8	5	2	1	0	2	2
Trachea and Other-----	11	4	1	1	2	0	0	3	0
Bones and Joints-----	76	14	16	14	9	3	7	8	5
Soft Tissue (Incl. heart)-----	217	46	45	25	41	12	16	20	12
Skin (Excl. basal and squamous)-----	998	180	186	134	118	90	58	117	115
Melanoma of the Skin-----	867	145	166	122	104	79	52	104	95
Other Non-Epithelial Skin-----	131	35	20	12	14	11	6	13	20
Breast-----	10482	2234	1813	1529	1442	748	643	1267	806

Female Genital System-----	3571	715	592	504	494	262	254	432	318
Cervix Uteri-----	681	124	113	86	102	69	53	77	57
Corpus and Uterus, NOS-----	1448	286	246	206	208	101	87	183	131
Corpus Uteri-----	1407	276	236	198	206	98	86	180	127
Uterus, NOS-----	41	10	10	8	2	3	1	3	4
Ovary-----	1113	232	180	168	145	67	83	138	100
Vagina-----	64	10	13	10	7	7	6	5	6
Vulva-----	238	52	40	29	29	17	24	26	21
Other-----	27	11	0	5	3	1	1	3	3
Urinary System-----	1824	398	267	281	263	127	129	215	144
Urinary Bladder (Incl. In Situ)-----	787	186	105	128	97	52	55	96	68
Kidney and Renal Pelvis-----	982	200	154	151	159	66	73	111	68
Ureter-----	43	11	8	1	4	6	1	5	7
Other-----	12	1	0	1	3	3	0	3	1
Eye and Orbit-----	66	13	13	15	8	1	3	8	5
Brain and Nervous System-----	432	70	93	59	50	29	38	48	45
Brain-----	410	68	89	56	44	28	35	46	44
Cranial Nerves and Other NS-----	22	2	4	3	6	1	3	2	1
Endocrine System-----	939	179	119	168	194	62	53	95	69
Thyroid-----	879	165	112	157	185	59	50	88	63
Thymus and Other Endocrine-----	60	14	7	11	9	3	3	7	6
Lymphoma-----	1742	347	275	231	276	158	125	190	140
Hodgkin Lymphoma-----	216	39	40	28	38	21	12	25	13
Non-Hodgkin Lymphoma-----	1526	308	235	203	238	137	113	165	127
Myeloma-----	324	56	59	40	33	20	25	46	45
Leukemia-----	843	161	122	128	121	48	69	115	79
Lymphocytic-----	348	50	51	52	53	24	31	53	34
Acute Lymphocytic -----	62	10	8	16	7	5	4	7	5
Chronic Lymphocytic-----	264	38	40	34	44	14	25	41	28
Other-----	22	2	3	2	2	5	2	5	1
Myeloid and Monocytic Leukemia-----	422	97	60	59	62	18	35	52	39
Acute Myeloid Leukemia-----	268	57	38	34	35	13	28	36	27
Acute Monocytic Leukemia-----	18	5	2	3	3	2	0	1	2
Chronic Myeloid Leukemia-----	120	29	15	21	21	3	7	14	10
Other Myeloid/Monocytic Leukemia-----	16	6	5	1	3	0	0	1	0
Other Leukemia-----	73	14	11	17	6	6	3	10	6
Other Acute Leukemia-----	38	6	4	12	4	4	1	3	4
Alekemic, Subleukemic and NOS-----	35	8	7	5	2	2	2	7	2
Ill-Defined and Unknown Sites-----	838	193	115	102	133	59	72	103	61
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	1843	428	307	273	248	115	90	249	133

**TABLE C4.** NUMBER OF CANCER CASES (5 YEARS COMBINED) BY LOUISIANA REGION, 1999-2003, 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-----	14619	4321	2637	1148	1746	651	787	2128	1201
Oral Cavity and Pharynx-----	511	136	96	35	71	24	28	79	42
Lip-----	5	1	0	0	1	0	1	2	0
Tongue-----	78	21	12	2	12	4	8	12	7
Salivary Gland-----	34	10	4	5	4	1	1	4	5
Floor of Mouth-----	59	14	9	5	9	2	3	12	5
Gum and Other Mouth-----	78	23	16	2	14	5	4	8	6
Nasopharynx-----	51	13	12	5	4	2	2	8	5
Tonsil-----	79	17	20	7	11	5	3	10	6
Oropharynx-----	38	8	6	4	4	3	1	9	3
Hypopharynx-----	59	18	15	2	5	2	4	10	3
Other-----	30	11	2	3	7	0	1	4	2
Digestive System-----	3108	943	537	275	370	133	173	479	198
Esophagus-----	253	60	44	25	31	14	17	48	14
Stomach-----	395	119	67	40	42	15	22	66	24
Small Intestine-----	79	29	10	6	9	2	2	12	9
Colon and Rectum-----	1653	503	278	141	202	70	93	258	108
Colon -----	1227	374	214	105	135	55	77	194	73
Rectum and Rectosigmoid Junction-----	426	129	64	36	67	15	16	64	35
Anus, Anal Canal and Anorectum-----	29	15	3	2	1	4	1	3	0
Liver and Intrahepatic Bile Duct-----	256	99	57	18	27	10	7	26	12
Liver-----	243	94	53	18	26	9	7	24	12
Intrahepatic Bile Duct-----	13	5	4	0	1	1	0	2	0
Gallbladder-----	19	5	3	2	2	0	2	5	0
Other Biliary Tract-----	27	6	3	3	6	1	1	6	1
Pancreas-----	382	101	72	35	49	17	27	52	29
Retroperitoneum-----	5	2	0	2	1	0	0	0	0
Peritoneum, Omentum and Mesentery-----	2	0	0	0	0	0	1	0	1
Other-----	8	4	0	1	0	0	0	3	0
Respiratory System-----	3259	1009	520	254	424	137	177	452	286
Nose, Nasal Cavity and Middle Ear-----	26	10	4	3	2	0	1	2	4
Larynx-----	357	112	52	29	58	8	19	47	32
Lung and Bronchus-----	2845	874	461	217	362	128	155	401	247
Pleura-----	24	10	3	5	1	1	1	1	2
Trachea and Other-----	7	3	0	0	1	0	1	1	1
Bones and Joints-----	31	13	4	3	2	4	1	2	2
Soft Tissue (Incl. heart)-----	90	23	18	9	8	3	2	18	9
Skin (Excl. basal and squamous)-----	86	27	12	4	16	3	6	8	10
Melanoma of the Skin-----	28	7	5	2	5	2	3	1	3
Other Non-Epithelial Skin-----	58	20	7	2	11	1	3	7	7
Breast-----	52	23	6	1	9	3	1	7	2

Male Genital System-----	4897	1345	980	354	556	211	267	737	447
Prostate-----	4816	1325	960	344	545	207	261	731	443
Testis-----	49	15	10	7	7	4	2	1	3
Penis-----	27	3	10	2	2	0	4	5	1
Other-----	5	2	0	1	2	0	0	0	0
Urinary System-----	878	277	153	82	102	48	41	121	54
Urinary Bladder (Incl. In Situ)-----	369	136	52	28	45	24	18	45	21
Kidney and Renal Pelvis-----	497	136	100	53	55	23	22	76	32
Ureter-----	5	3	0	0	1	0	1	0	0
Other-----	7	2	1	1	1	1	0	0	1
Eye and Orbit-----	10	2	2	1	2	2	0	0	1
Brain and Nervous System-----	137	42	18	8	16	7	10	17	19
Brain-----	126	36	18	8	16	7	8	15	18
Cranial Nerves and Other NS-----	11	6	0	0	0	0	2	2	1
Endocrine System-----	67	23	12	5	9	2	2	11	3
Thyroid-----	46	14	8	5	6	1	2	8	2
Thymus and Other Endocrine-----	21	9	4	0	3	1	0	3	1
Lymphoma-----	483	160	104	36	52	30	22	53	26
Hodgkin Lymphoma-----	72	21	19	6	7	5	5	6	3
Non-Hodgkin Lymphoma-----	411	139	85	30	45	25	17	47	23
Myeloma-----	318	86	62	20	35	8	14	49	44
Leukemia-----	313	79	59	35	36	14	17	47	26
Lymphocytic-----	142	36	24	16	15	5	6	24	16
Acute Lymphocytic -----	42	9	8	5	4	3	1	7	5
Chronic Lymphocytic-----	91	24	15	10	10	2	5	15	10
Other-----	9	3	1	1	1	0	0	2	1
Myeloid and Monocytic Leukemia-----	135	32	29	13	19	8	9	17	8
Acute Myeloid Leukemia-----	88	21	19	5	16	7	6	8	6
Acute Monocytic Leukemia-----	3	1	1	1	0	0	0	0	0
Chronic Myeloid Leukemia-----	37	8	9	6	3	0	3	6	2
Other Myeloid/Monocytic Leuke-----	7	2	0	1	0	1	0	3	0
Other Leukemia-----	36	11	6	6	2	1	2	6	2
Other Acute Leukemia-----	13	3	3	2	0	1	2	2	0
Alekemic, Subleukemic and NOS-----	23	8	3	4	2	0	0	4	2
Ill-Defined and Unknown Sites-----	379	133	54	26	38	22	26	48	32
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	6	3	1	1	0	0	0	1	0

**TABLE C5. NUMBER OF CANCER CASES (5 YEARS COMBINED) BY LOUISIANA REGION, 1999-2003, 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-----	12646	3873	2230	905	1509	541	655	1836	1097
Oral Cavity and Pharynx-----	180	59	28	12	18	10	12	26	15
Lip-----	1	1	0	0	0	0	0	0	0
Tongue-----	32	7	6	3	3	2	2	8	1
Salivary Gland-----	31	8	8	1	2	1	6	4	1
Floor of Mouth-----	13	6	0	0	3	0	0	0	4
Gum and Other Mouth-----	39	13	5	1	4	4	1	6	5
Nasopharynx-----	16	7	4	2	1	0	1	1	0
Tonsil-----	24	6	4	4	3	2	0	4	1
Oropharynx-----	7	3	0	0	1	0	1	1	1
Hypopharynx-----	10	6	1	0	0	1	1	1	0
Other-----	7	2	0	1	1	0	0	1	2
Digestive System-----	2971	875	547	219	349	136	157	439	249
Esophagus-----	79	17	18	8	7	4	9	9	7
Stomach-----	349	98	67	33	45	13	15	53	25
Small Intestine-----	74	29	14	0	10	2	5	11	3
Colon and Rectum-----	1791	517	320	126	206	89	93	287	153
Colon -----	1382	392	254	100	163	64	71	217	121
Rectum and Rectosigmoid Junction--	409	125	66	26	43	25	22	70	32
Anus, Anal Canal and Anorectum-----	33	14	9	1	0	1	0	5	3
Liver and Intrahepatic Bile Duct---	94	37	22	8	8	4	1	8	6
Liver-----	83	36	18	6	6	4	1	7	5
Intrahepatic Bile Duct-----	11	1	4	2	2	0	0	1	1
Gallbladder-----	59	21	9	6	5	2	3	7	6
Other Biliary Tract-----	41	10	7	4	5	2	4	5	4
Pancreas-----	420	123	75	33	60	19	26	46	38
Retroperitoneum-----	9	1	2	0	0	0	0	4	2
Peritoneum, Omentum and Mesentery---	9	0	4	0	2	0	1	1	1
Other-----	13	8	0	0	1	0	0	3	1
Respiratory System-----	1621	537	240	121	198	82	116	194	133
Nose, Nasal Cavity and Middle Ear---	17	7	3	3	4	0	0	0	0
Larynx-----	78	24	17	2	9	4	5	9	8
Lung and Bronchus-----	1513	499	217	115	184	78	111	184	125
Pleura-----	11	7	2	1	1	0	0	0	0
Trachea and Other-----	2	0	1	0	0	0	0	1	0
Bones and Joints-----	27	10	4	2	5	0	1	4	1
Soft Tissue (Incl. heart)-----	115	32	19	8	18	1	3	23	11
Skin (Excl. basal and squamous)-----	60	25	9	3	6	2	2	6	7
Melanoma of the Skin-----	30	10	3	3	5	2	1	4	2
Other Non-Epithelial Skin-----	30	15	6	0	1	0	1	2	5
Breast-----	3900	1216	733	259	462	161	158	575	336

Female Genital System-----	1521	445	263	114	171	56	75	262	135
Cervix Uteri-----	505	131	94	37	54	21	30	88	50
Corpus and Uterus, NOS-----	549	158	91	43	66	21	21	98	51
Corpus Uteri-----	523	149	89	42	62	20	19	93	49
Uterus, NOS-----	26	9	2	1	4	1	2	5	2
Ovary-----	331	110	53	24	38	11	18	51	26
Vagina-----	40	13	9	3	4	1	2	6	2
Vulva-----	78	29	12	5	9	2	3	13	5
Other-----	18	4	4	2	0	0	1	6	1
Urinary System-----	543	157	92	44	65	13	46	71	55
Urinary Bladder (Incl. In Situ)-----	195	66	27	7	24	4	16	30	21
Kidney and Renal Pelvis-----	331	89	62	32	39	9	28	38	34
Ureter-----	7	0	2	2	1	0	2	0	0
Other-----	10	2	1	3	1	0	0	3	0
Eye and Orbit-----	7	4	1	2	0	0	0	0	0
Brain and Nervous System-----	130	36	27	13	11	7	6	18	12
Brain-----	119	31	25	12	11	6	6	17	11
Cranial Nerves and Other NS-----	11	5	2	1	0	1	0	1	1
Endocrine System-----	255	77	28	29	41	9	11	43	17
Thyroid-----	224	64	23	25	37	8	9	41	17
Thymus and Other Endocrine-----	31	13	5	4	4	1	2	2	0
Lymphoma-----	410	131	74	25	49	21	18	54	38
Hodgkin Lymphoma-----	70	27	13	3	6	2	3	10	6
Non-Hodgkin Lymphoma-----	340	104	61	22	43	19	15	44	32
Myeloma-----	275	73	55	18	31	12	15	44	27
Leukemia-----	270	74	49	22	33	11	16	36	29
Lymphocytic-----	95	26	13	8	16	2	10	7	13
Acute Lymphocytic -----	30	10	6	1	6	2	2	1	2
Chronic Lymphocytic-----	61	14	7	7	9	0	8	5	11
Other-----	4	2	0	0	1	0	0	1	0
Myeloid and Monocytic Leukemia-----	139	38	33	6	15	9	5	20	13
Acute Myeloid Leukemia-----	95	29	23	6	6	7	4	12	8
Acute Monocytic Leukemia-----	4	2	0	0	1	0	0	0	1
Chronic Myeloid Leukemia-----	34	7	7	0	8	2	1	6	3
Other Myeloid/Monocytic Leukemia--	6	0	3	0	0	0	0	2	1
Other Leukemia-----	36	10	3	8	2	0	1	9	3
Other Acute Leukemia-----	13	3	1	4	1	0	0	2	2
Alekemic, Subleukemic and NOS---	23	7	2	4	1	0	1	7	1
Ill-Defined and Unknown Sites-----	361	122	61	14	52	20	19	41	32
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	626	223	83	44	73	28	23	111	41

**TABLE D1.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY LOUISIANA REGION, 1999–2003, ALL RACES, MALES AND FEMALES

PRIMARY SITE:	NEW ORLEANS LOUISIANA	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION	
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	487.8	486.7	488.9	488.3	501.9	499.5	459.7	491.4	473.5
Oral Cavity and Pharynx-----	12.1	11.6	12.1	10.6	11.5	11.5	12.6	12.6	15.4
Lip-----	0.8	0.4	0.6	0.7	0.7	1.1	1.4	1.0	2.1
Tongue-----	2.6	2.7	2.3	2.3	2.5	2.6	2.7	2.9	2.8
Salivary Gland-----	1.2	1.0	1.4	1.1	1.0	1.6	1.4	1.1	1.6
Floor of Mouth-----	1.1	1.0	1.0	1.0	1.1	0.8	1.1	1.3	1.3
Gum and Other Mouth-----	2.1	2.1	2.2	1.6	2.4	1.7	2.2	1.8	3.0
Nasopharynx-----	0.8	1.0	0.8	0.7	0.6	0.5	0.7	0.5	0.7
Tonsil-----	1.7	1.4	2.0	1.6	1.8	1.6	1.3	1.7	1.7
Oropharynx-----	0.5	0.3	0.5	0.4	0.3	0.6	0.4	0.7	0.7
Hypopharynx-----	1.0	1.2	1.0	0.7	0.7	0.9	0.9	1.1	1.0
Other-----	0.4	0.6	0.4	0.4	0.5	-	0.5	0.5	0.4
Digestive System-----	97.9	101.2	98.4	98.9	97.3	98.3	97.4	98.8	87.3
Esophagus-----	5.1	4.7	5.5	5.2	4.8	5.4	5.2	5.8	4.1
Stomach-----	8.2	9.2	7.5	9.7	7.5	7.8	6.6	9.0	6.6
Small Intestine-----	2.0	2.6	1.9	1.6	2.0	1.5	1.9	1.8	2.1
Colon and Rectum-----	59.4	58.5	59.8	60.0	58.1	60.6	61.4	62.9	55.4
Colon -----	43.2	43.2	44.7	43.7	41.1	43.0	43.1	45.2	41.3
Rectum and Rectosigmoid Junction-----	16.2	15.3	15.1	16.3	17.0	17.6	18.2	17.7	14.1
Anus, Anal Canal and Anorectum-----	1.3	1.8	1.7	1.2	0.5	2.0	0.8	1.2	1.1
Liver and Intrahepatic Bile Duct-----	5.8	8.2	6.1	5.9	5.4	5.7	3.3	4.1	4.1
Liver-----	5.4	7.8	5.7	5.3	4.8	4.9	3.0	3.7	3.8
Intrahepatic Bile Duct-----	0.5	0.4	0.3	0.6	0.7	0.8	-	0.4	0.3
Gallbladder-----	1.1	1.4	1.2	1.3	1.0	0.7	1.1	1.2	0.8
Other Biliary Tract-----	1.4	1.1	1.4	1.3	1.7	2.2	1.5	1.7	1.2
Pancreas-----	12.6	12.8	12.7	12.1	15.6	11.5	15.0	10.2	11.1
Retroperitoneum-----	0.3	0.2	-	0.3	0.2	0.5	-	0.4	-
Peritoneum, Omentum and Mesentery-----	0.3	0.2	0.4	-	0.3	-	0.4	-	0.5
Other-----	0.3	0.5	-	0.4	-	-	-	0.5	-
Respiratory System-----	88.8	92.4	82.5	85.8	93.5	87.6	90.3	88.3	88.6
Nose, Nasal Cavity and Middle Ear-----	0.7	0.9	0.8	0.7	0.5	0.6	0.5	0.5	0.5
Larynx-----	6.0	6.5	5.8	6.0	6.7	5.1	6.3	5.2	5.7
Lung and Bronchus-----	80.7	82.6	74.4	77.6	85.3	81.2	83.0	81.7	81.3
Pleura-----	1.2	2.2	1.4	1.3	0.7	0.6	0.4	0.6	0.8
Trachea and Other-----	0.2	0.2	-	-	0.2	-	-	0.2	-
Bones and Joints-----	0.9	1.2	0.8	1.2	0.7	0.6	0.9	0.9	0.6
Soft Tissue (Incl. heart)-----	3.3	3.4	3.7	3.0	3.5	2.5	2.1	3.8	3.2
Skin (Excl. basal and squamous)-----	12.2	9.8	13.7	11.5	10.8	15.4	11.1	12.4	16.5
Melanoma of the Skin-----	10.2	7.4	11.9	10.4	9.0	13.4	9.6	10.6	13.6
Other Non-Epithelial Skin-----	2.0	2.4	1.9	1.1	1.8	2.0	1.5	1.8	3.0
Breast-----	68.6	72.1	70.5	67.9	68.6	66.9	55.0	69.7	66.3

Female Genital System-----	24.1	24.0	23.5	23.5	23.7	23.4	22.7	26.0	26.3
Cervix Uteri-----	5.6	5.3	5.4	4.5	5.5	6.6	6.0	6.5	6.5
Corpus and Uterus, NOS-----	9.5	9.2	9.5	9.5	9.8	8.8	7.3	10.4	10.5
Corpus Uteri-----	9.2	8.8	9.1	9.2	9.6	8.5	7.1	10.1	10.2
Uterus, NOS-----	0.3	0.4	0.3	0.4	0.2	-	-	0.3	0.3
Ovary-----	6.8	7.0	6.5	7.4	6.6	5.8	6.9	7.0	7.1
Vagina-----	0.5	0.6	0.5	0.4	0.6	0.5	0.4	0.4	0.4
Vulva-----	1.5	1.7	1.4	1.3	1.4	1.4	1.9	1.5	1.5
Other-----	0.2	0.3	-	0.3	-	-	-	0.3	-
Male Genital System-----	78.8	70.9	85.6	77.4	84.3	87.8	72.6	82.5	71.4
Prostate-----	76.1	68.7	82.8	74.3	81.2	85.1	69.5	80.2	69.0
Testis-----	2.1	1.9	2.1	2.6	2.5	2.2	2.0	1.7	2.0
Penis-----	0.5	0.3	0.6	0.4	0.5	-	0.9	0.5	-
Other-----	0.1	-	-	-	-	-	-	-	-
Urinary System-----	35.2	35.5	35.3	40.4	36.0	34.9	33.4	32.5	31.7
Urinary Bladder (Incl. In Situ)-----	18.8	19.4	18.3	22.1	18.7	18.0	17.2	17.1	17.7
Kidney and Renal Pelvis-----	15.5	15.2	16.1	17.3	16.2	15.5	15.3	14.5	13.1
Ureter-----	0.7	0.7	0.7	0.6	0.8	0.8	0.8	0.6	0.6
Other-----	0.3	0.2	0.2	0.4	0.3	0.4	-	0.3	-
Eye and Orbit-----	0.8	0.8	0.7	1.5	0.6	0.6	0.4	0.4	0.8
Brain and Nervous System-----	5.9	5.2	6.4	6.4	5.5	5.7	6.4	5.5	7.1
Brain-----	5.6	4.8	6.2	6.1	5.1	5.2	6.0	5.2	6.9
Cranial Nerves and Other NS-----	0.3	0.3	0.2	0.3	0.3	0.5	0.4	0.3	-
Endocrine System-----	7.5	7.2	5.1	9.3	10.9	7.8	5.9	7.0	7.0
Thyroid-----	6.7	6.2	4.4	8.5	10.0	7.1	5.4	6.4	6.6
Thymus and Other Endocrine-----	0.8	0.9	0.8	0.8	0.8	0.7	0.4	0.6	0.4
Lymphoma-----	21.3	21.0	21.7	22.4	22.7	27.6	18.5	18.6	18.4
Hodgkin Lymphoma-----	2.7	2.8	2.9	2.5	3.1	3.2	2.0	2.5	1.9
Non-Hodgkin lymphoma-----	18.6	18.2	18.8	19.9	19.6	24.4	16.5	16.1	16.5
Myeloma-----	6.4	6.0	6.9	5.4	5.9	5.0	5.5	7.4	9.2
Leukemia-----	12.3	10.8	11.6	13.0	13.1	11.5	13.3	13.6	13.2
Lymphocytic-----	5.4	4.2	4.9	5.4	6.1	5.8	6.2	6.2	6.2
Acute Lymphocytic -----	1.2	1.1	0.8	1.6	1.3	1.1	1.2	1.3	1.1
Chronic Lymphocytic-----	3.8	2.8	3.7	3.4	4.3	4.0	4.3	4.4	4.6
Other-----	0.5	0.3	0.4	0.4	0.5	0.7	0.7	0.5	0.6
Myeloid and Monocytic Leukemia-----	5.8	5.5	5.8	5.8	6.0	4.9	6.4	5.8	6.0
Acute Myeloid Leukemia-----	3.7	3.5	3.7	3.3	3.7	3.5	4.6	3.8	4.1
Acute Monocytic Leukemia-----	0.2	0.2	0.2	0.3	0.2	-	-	-	-
Chronic Myeloid Leukemia-----	1.7	1.6	1.4	2.0	1.9	1.2	1.7	1.6	1.7
Other Myeloid/Monocytic Leukemia-----	0.2	0.2	0.4	-	-	-	-	0.3	-
Other Leukemia-----	1.2	1.1	1.0	1.9	1.0	0.8	0.7	1.6	1.0
Other Acute Leukemia-----	0.5	0.3	0.3	1.1	0.4	0.6	0.5	0.5	0.6
Alekemic, Subleukemic and NOS-----	0.7	0.8	0.6	0.8	0.6	-	-	1.2	0.4
Ill-Defined and Unknown Sites-----	11.8	13.6	10.3	10.1	13.4	12.4	11.4	11.4	10.3
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	11.7	13.5	10.6	11.9	11.4	10.4	7.9	13.7	10.2

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 D2.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY LOUISIANA REGION, 1999–2003, WHITE MALES

PRIMARY SITE:	NEW ORLEANS LOUISIANA	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION	
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	595.6	585.1	587.1	590.4	616.9	623.0	572.7	614.7	577.6
Oral Cavity and Pharynx-----	18.8	17.8	18.9	16.2	17.6	16.3	18.4	19.2	28.5
Lip-----	2.0	1.0	1.6	1.0	1.6	2.5	3.2	2.6	5.5
Tongue-----	4.2	4.9	3.2	3.8	4.2	3.2	3.9	5.1	5.0
Salivary Gland-----	2.0	1.8	2.1	1.9	1.7	2.7	1.8	1.7	3.7
Floor of Mouth-----	1.5	1.4	1.8	1.1	1.5	1.4	1.6	2.2	1.5
Gum and Other Mouth-----	2.9	2.7	3.2	2.7	2.9	1.2	3.0	2.1	5.6
Nasopharynx-----	0.8	1.1	0.8	0.7	0.9	-	-	-	-
Tonsil-----	2.6	2.1	3.1	2.9	2.9	2.2	1.8	2.5	3.3
Oropharynx-----	0.6	-	0.7	0.6	-	-	-	-	1.2
Hypopharynx-----	1.4	1.8	1.4	1.2	1.3	1.4	1.1	1.4	1.5
Other-----	0.6	0.7	0.9	-	-	-	-	0.9	-
Digestive System-----	118.1	122.5	114.1	122.8	117.5	116.5	121.7	119.0	109.1
Esophagus-----	8.4	8.3	9.3	8.3	8.4	8.8	7.5	8.9	6.9
Stomach-----	8.9	10.0	6.2	11.1	8.8	10.4	7.1	10.4	6.3
Small Intestine-----	2.3	2.8	2.1	1.4	2.7	2.5	2.2	2.3	2.1
Colon and Rectum-----	71.4	67.6	70.3	74.5	70.6	66.9	78.3	77.0	70.2
Colon -----	49.6	48.4	49.7	51.8	47.2	46.9	52.9	52.6	49.9
Rectum and Rectosigmoid Junction-----	21.7	19.2	20.6	22.6	23.4	20.0	25.4	24.5	20.2
Anus, Anal Canal and Anorectum-----	1.2	2.4	1.4	0.6	-	2.5	-	-	1.3
Liver and Intrahepatic Bile Duct-----	8.8	12.8	8.8	9.9	8.1	9.1	4.6	6.4	5.9
Liver-----	8.3	12.3	8.6	9.0	7.4	8.3	4.2	6.1	5.4
Intrahepatic Bile Duct-----	0.5	0.5	-	0.8	0.7	-	-	-	-
Gallbladder-----	0.8	1.3	0.6	1.2	-	-	-	0.8	-
Other Biliary Tract-----	1.7	1.5	1.8	1.4	1.8	2.2	1.5	1.9	1.3
Pancreas-----	14.1	15.1	13.2	14.1	15.4	12.7	18.4	10.6	13.9
Retroperitoneum-----	0.2	-	-	-	-	-	-	-	-
Peritoneum, Omentum and Mesentery-----	0.1	-	-	-	-	-	-	-	-
Other-----	0.2	-	-	-	-	-	-	-	-
Respiratory System-----	121.8	123.4	116.2	115.3	124.3	118.4	131.8	123.4	125.8
Nose, Nasal Cavity and Middle Ear-----	0.9	0.9	1.1	0.7	0.8	1.1	-	0.9	-
Larynx-----	9.2	10.0	9.7	10.4	9.6	7.7	8.9	8.1	7.4
Lung and Bronchus-----	108.8	107.2	101.9	101.3	111.8	108.1	121.0	112.7	115.6
Pleura-----	2.6	4.9	3.3	2.5	1.8	1.2	-	1.6	2.0
Trachea and Other-----	0.3	-	-	-	-	-	-	-	-
Bones and Joints-----	0.9	1.8	0.4	1.0	0.6	-	-	1.1	-
Soft Tissue (Incl. heart)-----	4.0	4.6	4.7	3.9	3.4	3.0	1.7	5.0	4.3
Skin (Excl. basal and squamous)-----	20.2	18.0	21.4	15.8	17.1	23.8	18.4	24.0	28.6
Melanoma of the Skin-----	17.4	14.7	18.9	14.3	14.7	20.5	15.8	20.6	24.9
Other Non-Epithelial Skin-----	2.8	3.3	2.5	1.6	2.4	3.4	2.5	3.4	3.7
Breast-----	1.6	1.9	1.6	2.4	1.1	1.1	-	2.3	-

Male Genital System-----	169.1	149.6	170.6	165.5	189.4	199.5	156.0	180.9	148.3
Prostate-----	162.1	142.9	163.8	158.5	181.6	193.4	148.3	174.0	141.6
Testis-----	5.7	5.7	5.7	6.2	6.3	4.9	5.1	5.6	5.7
Penis-----	1.1	0.8	0.9	0.9	1.3	-	2.1	1.1	-
Other-----	0.2	-	-	-	-	-	-	-	-
Urinary System-----	62.2	66.1	66.2	66.3	60.9	57.8	54.9	58.2	55.9
Urinary Bladder (Incl. In Situ)-----	39.1	41.3	41.6	42.5	37.9	34.2	33.3	36.6	38.3
Kidney and Renal Pelvis-----	21.3	22.9	22.8	21.9	20.9	22.2	19.7	20.0	16.4
Ureter-----	1.4	1.5	1.2	1.4	1.8	-	1.7	1.4	-
Other-----	0.4	-	-	-	-	-	-	-	-
Eye and Orbit-----	1.1	1.3	0.9	2.3	0.7	1.2	-	-	1.3
Brain and Nervous System-----	8.2	7.7	8.1	9.3	8.6	7.0	7.8	8.1	8.3
Brain-----	7.8	7.5	7.9	8.9	8.2	6.1	7.6	7.8	8.3
Cranial Nerves and Other NS-----	0.3	-	-	-	-	-	-	-	-
Endocrine System-----	4.9	5.0	3.4	5.5	6.4	6.7	3.4	3.8	5.3
Thyroid-----	4.2	4.2	2.3	4.7	5.7	5.8	3.2	3.2	5.3
Thymus and Other Endocrine-----	0.7	0.9	1.1	0.8	0.8	-	-	-	-
Lymphoma-----	27.4	28.2	27.9	30.1	27.9	34.9	21.4	24.8	21.9
Hodgkin Lymphoma-----	3.2	3.7	3.2	3.1	4.0	3.3	1.6	3.0	2.1
Non-Hodgkin Lymphoma-----	24.2	24.6	24.6	27.0	23.9	31.6	19.8	21.7	19.8
Myeloma-----	6.3	5.6	5.4	6.0	6.7	5.5	5.3	7.6	8.7
Leukemia-----	17.6	15.8	16.2	15.8	19.5	17.1	19.4	21.0	18.8
Lymphocytic-----	8.3	7.0	7.6	6.9	9.4	9.9	9.0	10.0	9.1
Acute Lymphocytic -----	1.9	2.0	1.0	2.3	2.1	1.3	2.3	2.5	1.3
Chronic Lymphocytic-----	5.6	4.4	5.8	3.8	6.5	7.7	5.1	6.9	6.2
Other-----	0.9	0.6	0.8	0.8	0.9	-	1.5	0.7	1.6
Myeloid and Monocytic Leukemia-----	7.7	7.3	7.3	7.3	7.7	6.3	9.4	8.2	8.4
Acute Myeloid Leukemia-----	5.0	4.6	5.0	4.0	5.0	4.5	6.5	5.8	5.8
Acute Monocytic Leukemia-----	0.2	-	-	-	-	-	-	-	-
Chronic Myeloid Leukemia-----	2.2	2.1	1.5	2.8	2.2	1.8	2.7	2.2	2.6
Other Myeloid/Monocytic Leuke-----	0.2	-	-	-	-	-	-	-	-
Other Leukemia-----	1.7	1.5	1.3	1.6	2.3	-	-	2.7	1.3
Other Acute Leukemia-----	0.6	-	-	0.8	0.8	-	-	0.9	-
Aleukemic, Subleukemic and NOS-----	1.0	1.2	0.9	0.8	1.5	-	-	1.9	-
Ill-Defined and Unknown Sites-----	13.4	15.7	11.3	12.1	15.2	13.8	10.0	15.6	11.3
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	0.3	-	-	0.6	-	-	-	-	-

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 LOUISIANA REGION, 1999–2003, WHITE FEMALES

PRIMARY SITE:	NEW ORLEANS LOUISIANA	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION	
<b>INVASIVE CANCERS</b>									
All Sites Combined-----	406.6	413.2	397.2	413.3	413.7	415.0	373.8	409.1	403.7
Oral Cavity and Pharynx-----	6.4	6.7	6.3	5.5	5.0	6.5	7.5	6.7	7.5
Lip-----	0.3	-	-	0.5	-	-	-	-	1.0
Tongue-----	1.6	1.9	1.8	1.3	1.0	2.1	1.4	1.3	1.6
Salivary Gland-----	0.7	0.4	0.9	0.6	0.5	1.2	-	0.7	-
Floor of Mouth-----	0.5	0.4	-	0.9	-	-	-	-	0.8
Gum and Other Mouth-----	1.4	1.5	1.2	1.0	1.6	1.1	1.7	1.7	1.6
Nasopharynx-----	0.4	0.5	-	-	-	-	-	-	-
Tonsil-----	0.7	1.0	0.8	-	0.8	-	0.9	0.8	-
Oropharynx-----	0.2	-	-	-	-	-	-	-	-
Hypopharynx-----	0.4	0.6	-	-	-	-	-	0.5	-
Other-----	0.1	-	-	-	-	-	-	-	-
Digestive System-----	71.5	70.6	73.0	72.2	70.4	78.4	72.0	71.4	66.7
Esophagus-----	1.8	1.9	1.7	1.8	1.5	1.8	1.7	2.2	1.8
Stomach-----	4.0	4.2	3.5	5.4	3.1	4.1	3.6	3.7	4.4
Small Intestine-----	1.3	1.5	1.2	1.8	0.9	-	1.5	1.0	1.8
Colon and Rectum-----	46.8	44.7	48.4	46.8	43.8	53.4	48.3	48.5	44.6
Colon -----	34.6	32.8	37.0	35.3	32.0	36.9	33.7	35.5	35.6
Rectum and Rectosigmoid Junction-----	12.2	11.9	11.4	11.5	11.8	16.5	14.6	13.0	9.0
Anus, Anal Canal and Anorectum-----	1.6	1.5	2.4	1.8	0.6	1.6	1.1	2.0	1.3
Liver and Intrahepatic Bile Duct-----	2.9	4.0	2.5	2.4	2.8	2.9	2.3	1.9	3.4
Liver-----	2.5	3.7	2.4	2.0	2.2	1.9	2.2	1.5	3.0
Intrahepatic Bile Duct-----	0.4	0.3	-	-	0.6	1.0	-	-	-
Gallbladder-----	1.1	1.2	1.4	1.2	1.1	1.0	0.9	1.4	-
Other Biliary Tract-----	1.3	0.8	1.2	0.9	1.6	2.5	1.3	1.7	1.3
Pancreas-----	9.8	9.8	9.8	9.0	13.9	9.2	10.5	8.1	6.9
Retroperitoneum-----	0.3	-	-	-	-	-	-	-	-
Peritoneum, Omentum and Mesentery-----	0.5	0.4	0.8	-	-	-	-	-	-
Other-----	0.2	0.3	-	0.5	-	-	-	-	-
Respiratory System-----	63.1	66.8	57.7	60.8	66.4	62.6	56.2	67.7	62.9
Nose, Nasal Cavity and Middle Ear-----	0.5	0.8	0.6	-	-	-	-	-	-
Larynx-----	2.3	2.5	1.9	2.2	2.5	2.8	3.3	1.7	2.6
Lung and Bronchus-----	59.7	61.7	54.5	57.7	63.5	59.3	52.6	65.1	59.6
Pleura-----	0.5	1.5	0.6	-	-	-	0.0	-	-
Trachea and Other-----	0.1	-	-	-	-	-	-	-	-
Bones and Joints-----	1.0	0.9	1.2	1.3	0.8	-	1.2	1.0	-
Soft Tissue (Incl. heart)-----	2.7	2.9	3.2	2.1	3.6	2.0	2.6	2.2	1.9
Skin (Excl. basal and squamous)-----	12.2	10.8	13.0	11.5	10.2	15.6	9.5	12.6	17.1
Melanoma of the Skin-----	10.7	9.0	11.6	10.5	9.1	13.7	8.6	11.3	14.5
Other Non-Epithelial Skin-----	1.5	1.8	1.4	1.0	1.1	1.8	0.9	1.2	2.7
Breast-----	124.1	129.6	127.0	129.0	123.1	122.9	103.3	125.0	116.3

Female Genital System-----	43.1	43.3	41.8	42.9	42.9	44.2	41.4	43.4	47.8
Cervix Uteri-----	8.9	8.5	8.2	7.5	9.3	12.6	9.8	9.0	10.0
Corpus and Uterus, NOS-----	17.2	17.1	17.3	17.4	17.9	16.6	13.6	18.1	19.2
Corpus Uteri-----	16.8	16.5	16.6	16.7	17.8	16.1	13.4	17.7	18.6
Uterus, NOS-----	0.5	0.6	0.7	0.7	-	-	-	-	-
Ovary-----	13.1	13.3	12.6	14.3	12.3	10.9	13.3	13.0	14.1
Vagina-----	0.7	0.6	0.9	0.9	0.6	1.1	0.9	-	0.7
Vulva-----	2.8	3.1	2.8	2.5	2.5	2.9	3.7	2.6	3.3
Other-----	0.3	0.7	0.0	-	-	-	-	-	-
Urinary System-----	20.9	21.8	18.4	23.9	21.9	20.3	19.9	20.4	19.7
Urinary Bladder (Incl. In Situ)-----	8.8	9.8	7.2	10.9	7.8	8.2	8.1	8.6	9.1
Kidney and Renal Pelvis-----	11.5	11.4	10.7	12.8	13.5	10.7	11.7	11.1	9.4
Ureter-----	0.5	0.6	0.6	-	-	0.9	-	-	0.9
Other-----	0.1	-	0.0	-	-	-	-	-	-
Eye and Orbit-----	0.8	0.8	0.9	1.3	0.7	-	-	0.8	-
Brain and Nervous System-----	5.4	4.8	6.7	5.2	4.5	4.9	6.1	5.1	6.7
Brain-----	5.1	4.6	6.4	4.9	3.9	4.7	5.5	4.9	6.6
Cranial Nerves and Other NS-----	0.3	-	-	-	0.5	-	-	-	-
Endocrine System-----	12.3	12.0	8.5	14.5	17.8	11.1	9.4	11.3	11.7
Thyroid-----	11.5	11.1	8.0	13.5	17.0	10.6	8.9	10.5	10.6
Thymus and Other Endocrine-----	0.8	0.9	0.5	1.0	0.8	-	-	0.9	1.1
Lymphoma-----	20.3	19.8	19.1	19.8	23.2	25.6	19.3	18.2	19.4
Hodgkin Lymphoma-----	2.8	2.8	2.8	2.5	3.4	3.7	2.1	3.0	2.1
Non-Hodgkin Lymphoma-----	17.5	17.0	16.3	17.3	19.8	21.9	17.2	15.2	17.3
Myeloma-----	3.7	3.0	4.1	3.4	2.8	3.1	3.9	4.1	6.1
Leukemia-----	9.8	9.3	8.5	11.1	10.0	7.8	10.5	10.6	10.4
Lymphocytic-----	4.0	2.8	3.5	4.5	4.4	4.0	4.6	4.8	4.6
Acute Lymphocytic -----	0.9	0.8	0.6	1.4	0.7	-	-	0.9	-
Chronic Lymphocytic-----	2.9	2.0	2.7	2.9	3.6	2.2	3.6	3.5	3.7
Other-----	0.2	-	-	-	-	-	-	-	-
Myeloid and Monocytic Leukemia-----	4.9	5.7	4.2	5.1	5.1	2.9	5.5	4.8	5.0
Acute Myeloid Leukemia-----	3.1	3.3	2.7	3.0	2.9	2.1	4.3	3.3	3.5
Acute Monocytic Leukemia-----	0.2	-	-	-	-	-	-	-	-
Chronic Myeloid Leukemia-----	1.4	1.8	1.0	1.8	1.7	-	1.1	1.3	1.3
Other Myeloid/Monocytic Leukemia-----	0.2	0.3	-	-	-	-	-	-	-
Other Leukemia-----	0.8	0.7	0.8	1.5	0.5	0.9	-	0.9	0.7
Other Acute Leukemia-----	0.4	0.3	-	1.0	-	-	-	-	-
Alekemic, Subleukemic and NOS-----	0.4	0.4	0.5	-	-	-	-	0.6	-
Ill-Defined and Unknown Sites-----	9.3	10.1	7.9	8.7	10.7	9.5	10.4	8.7	7.8
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	22.2	25.6	21.5	22.9	21.6	19.3	14.5	25.3	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 D4.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY LOUISIANA REGION, 1999–2003, BLACK MALES

PRIMARY SITE:	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-----	680.3	678.9	689.3	696.6	702.8	640.0	656.2	682.1	654.2
Oral Cavity and Pharynx-----	21.0	19.1	21.0	19.0	25.0	21.6	20.7	23.1	21.0
Lip-----	-	-	-	-	-	-	-	-	-
Tongue-----	3.0	2.8	2.5	-	4.1	-	6.1	3.2	3.4
Salivary Gland-----	1.6	1.7	-	-	-	-	-	-	-
Floor of Mouth-----	2.3	1.8	2.0	-	3.1	-	-	3.3	-
Gum and Other Mouth-----	3.3	3.1	3.6	-	4.8	-	-	2.8	2.9
Nasopharynx-----	1.9	1.7	2.2	-	-	-	-	2.1	-
Tonsil-----	3.1	2.1	4.5	3.7	3.5	-	-	2.8	2.8
Oropharynx-----	1.7	1.4	1.3	-	-	-	-	2.6	-
Hypopharynx-----	2.5	2.6	3.4	-	-	-	-	3.0	-
Other-----	1.3	1.7	-	-	2.6	-	-	-	-
Digestive System-----	146.2	153.2	141.8	167.5	146.6	129.6	144.0	155.9	109.1
Esophagus-----	11.3	9.4	11.4	14.3	10.2	13.8	13.3	14.8	7.5
Stomach-----	19.7	19.7	19.4	27.2	17.7	15.4	19.9	22.6	13.5
Small Intestine-----	3.7	5.0	2.4	3.2	3.6	-	-	3.9	4.8
Colon and Rectum-----	78.2	83.1	74.0	85.1	80.3	67.3	77.9	84.0	60.0
Colon -----	59.0	63.4	57.5	63.1	55.7	53.8	65.8	63.5	41.2
Rectum and Rectosigmoid Junction-----	19.2	19.7	16.5	22.0	24.6	13.5	12.2	20.5	18.8
Anus, Anal Canal and Anorectum-----	1.2	2.0	-	-	-	-	-	-	-
Liver and Intrahepatic Bile Duct-----	10.6	14.4	12.3	9.0	9.6	9.8	5.7	7.5	6.1
Liver-----	9.9	13.2	11.3	9.0	9.0	8.2	5.7	6.9	6.1
Intrahepatic Bile Duct-----	0.7	-	-	-	-	-	-	-	-
Gallbladder-----	1.0	-	-	-	-	-	-	-	-
Other Biliary Tract-----	1.5	1.2	-	-	3.3	-	-	1.9	-
Pancreas-----	18.3	16.4	19.6	21.8	20.6	17.4	22.3	17.2	16.3
Retroperitoneum-----	-	-	-	-	-	-	-	-	-
Peritoneum, Omentum and Mesentery-----	-	-	-	-	-	-	-	-	-
Other-----	0.4	-	-	-	-	-	-	-	-
Respiratory System-----	151.3	158.2	136.1	153.5	171.5	134.4	147.9	143.9	152.9
Nose, Nasal Cavity and Middle Ear-----	1.0	1.5	-	-	0.0	-	-	-	-
Larynx-----	15.4	17.0	12.2	15.4	21.1	6.8	14.1	14.2	16.4
Lung and Bronchus-----	133.4	137.3	122.3	134.2	149.1	126.0	131.7	128.6	133.2
Pleura-----	1.1	1.8	-	-	-	-	-	-	-
Trachea and Other-----	0.3	-	-	-	-	-	-	-	-
Bones and Joints-----	0.9	1.3	-	-	-	-	-	-	-
Soft Tissue (Incl. heart)-----	3.3	2.6	3.0	4.3	2.7	-	-	4.8	4.7
Skin (Excl. basal and squamous)-----	3.6	3.4	3.4	-	5.8	-	5.0	2.3	4.7
Melanoma of the Skin-----	1.4	1.1	-	-	-	-	-	-	-
Other Non-Epithelial Skin-----	2.2	2.4	1.9	-	3.7	-	-	2.0	2.9
Breast-----	2.4	3.7	1.6	-	3.5	-	-	2.0	-

Male Genital System-----	237.0	216.2	268.5	229.6	235.7	217.5	230.9	242.9	252.3
Prostate-----	234.0	214.0	264.2	225.6	232.3	215.1	226.0	241.1	250.3
Testis-----	1.5	1.6	1.5	2.8	1.9	-	-	-	-
Penis-----	1.3	-	2.8	-	-	-	-	-	-
Other-----	-	-	-	-	-	-	-	-	-
Urinary System-----	41.2	43.4	40.2	49.9	43.2	48.1	34.2	38.8	29.7
Urinary Bladder (Incl. In Situ)-----	18.7	23.2	16.2	18.7	20.3	25.1	16.9	14.5	12.1
Kidney and Renal Pelvis-----	21.9	19.3	23.8	30.7	22.0	21.3	16.2	24.3	17.1
Ureter-----	-	-	-	-	-	-	-	-	-
Other-----	0.3	-	-	-	-	-	-	-	-
Eye and Orbit-----	0.4	-	-	-	-	-	-	-	-
Brain and Nervous System-----	4.9	4.9	4.4	3.0	3.8	5.8	5.4	4.6	8.8
Brain-----	4.5	4.1	4.4	3.0	3.8	5.8	4.2	4.3	8.2
Cranial Nerves and Other NS-----	0.4	0.7	-	-	-	-	-	-	-
Endocrine System-----	2.5	3.1	2.1	-	3.4	-	-	2.9	-
Thyroid-----	1.8	1.9	1.6	-	2.3	-	-	2.0	-
Thymus and Other Endocrine-----	0.8	1.2	-	-	-	-	-	-	-
Lymphoma-----	19.0	21.7	20.9	17.6	17.3	25.3	15.0	15.3	12.9
Hodgkin Lymphoma-----	2.4	2.5	3.3	2.3	1.9	-	-	1.3	-
Non-Hodgkin Lymphoma-----	16.6	19.2	17.6	15.3	15.4	21.6	12.0	14.0	11.6
Myeloma-----	15.9	14.8	17.8	12.7	15.3	8.8	12.4	15.9	24.9
Leukemia-----	13.3	12.2	13.5	16.4	13.5	13.7	14.9	14.0	12.0
Lymphocytic-----	5.9	5.7	5.5	7.6	5.8	-	5.0	6.6	7.9
Acute Lymphocytic -----	1.1	0.7	1.1	-	-	-	-	1.3	-
Chronic Lymphocytic-----	4.5	4.7	4.3	5.4	4.4	-	-	4.7	5.5
Other-----	0.3	-	-	-	-	-	-	-	-
Myeloid and Monocytic Leukemia-----	5.7	4.5	6.6	5.8	7.0	9.0	8.2	5.1	3.5
Acute Myeloid Leukemia-----	3.7	3.1	3.7	-	5.9	7.2	5.5	2.3	2.8
Acute Monocytic Leukemia-----	-	-	-	-	-	-	-	-	-
Chronic Myeloid Leukemia-----	1.5	1.0	2.4	2.6	-	-	-	1.8	-
Other Myeloid/Monocytic Leuke-----	0.3	-	-	-	-	-	-	-	-
Other Leukemia-----	1.7	2.0	1.4	3.0	-	-	-	2.3	-
Other Acute Leukemia-----	0.6	-	-	-	-	-	-	-	-
Alekemic, Subleukemic and NOS-----	1.1	1.5	-	-	-	-	-	-	-
Ill-Defined and Unknown Sites-----	17.5	20.8	14.0	16.5	14.8	22.2	21.5	15.3	17.4
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 D5.** AVERAGE ANNUAL CANCER INCIDENCE RATES<sup>1</sup> BY LOUISIANA REGION, 1999–2003, BLACK FEMALES

PRIMARY SITE:	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-----	397.9	402.9	398.7	392.6	422.0	403.9	377.9	387.5	382.3
Oral Cavity and Pharynx-----	5.5	5.9	4.9	5.0	5.1	7.1	6.5	5.5	5.4
Lip-----	-	-	-	-	-	-	-	-	-
Tongue-----	1.0	0.7	1.1	-	-	-	-	1.7	-
Salivary Gland-----	0.9	0.8	1.3	-	-	-	3.0	-	-
Floor of Mouth-----	0.4	0.6	-	-	-	-	-	-	-
Gum and Other Mouth-----	1.2	1.3	-	-	-	-	-	1.3	-
Nasopharynx-----	0.5	0.6	-	-	-	-	-	-	-
Tonsil-----	0.7	0.6	-	-	-	-	-	-	-
Oropharynx-----	0.2	-	-	-	-	-	-	-	-
Hypopharynx-----	0.3	0.6	-	-	-	-	-	-	-
Other-----	0.2	-	-	-	-	-	-	-	-
Digestive System-----	96.5	96.2	103.3	101.7	100.8	103.5	91.8	91.8	85.9
Esophagus-----	2.6	1.9	3.4	3.6	2.1	-	5.3	2.0	2.3
Stomach-----	11.4	11.1	12.9	16.3	13.2	9.6	8.9	10.7	8.3
Small Intestine-----	2.3	3.0	2.6	-	2.8	-	-	2.3	-
Colon and Rectum-----	58.1	56.7	59.8	57.1	59.2	68.9	54.5	60.4	53.4
Colon -----	44.9	43.3	47.6	45.6	47.2	50.2	41.4	45.6	42.3
Rectum and Rectosigmoid Junction-----	13.2	13.4	12.1	11.5	12.0	18.6	13.1	14.8	11.0
Anus, Anal Canal and Anorectum-----	1.0	1.4	1.6	-	-	-	-	-	-
Liver and Intrahepatic Bile Duct-----	3.0	3.9	4.1	3.5	2.2	-	-	1.6	2.1
Liver-----	2.6	3.8	3.3	2.6	1.6	-	-	1.4	-
Intrahepatic Bile Duct-----	0.4	-	-	-	-	-	-	-	-
Gallbladder-----	1.9	2.3	1.8	2.9	-	-	-	1.5	1.8
Other Biliary Tract-----	1.3	1.1	1.3	-	-	-	-	-	-
Pancreas-----	13.9	13.8	14.7	15.8	17.7	14.4	15.0	9.7	13.0
Retroperitoneum-----	0.3	-	-	-	-	-	-	-	-
Peritoneum, Omentum and Mesentery-----	0.3	-	-	-	-	-	-	-	-
Other-----	0.4	0.8	-	-	-	-	-	-	-
Respiratory System-----	52.3	57.3	44.5	54.9	57.0	62.6	68.0	41.7	46.7
Nose, Nasal Cavity and Middle Ear-----	0.5	0.6	-	-	-	-	-	-	-
Larynx-----	2.4	2.3	2.8	-	2.5	-	-	1.9	2.9
Lung and Bronchus-----	49.0	53.7	40.6	52.2	53.2	59.7	65.0	39.6	43.8
Pleura-----	0.3	0.6	-	-	-	-	-	-	-
Trachea and Other-----	-	-	-	-	-	-	-	-	-
Bones and Joints-----	0.7	0.9	-	-	-	-	-	-	-
Soft Tissue (Incl. heart)-----	3.3	2.9	3.1	3.0	4.6	-	-	4.7	3.5
Skin (Excl. basal and squamous)-----	1.8	2.6	1.5	-	1.6	-	-	1.2	2.3
Melanoma of the Skin-----	0.9	1.2	-	-	-	-	-	-	-
Other Non-Epithelial Skin-----	0.9	1.5	1.1	-	-	-	-	-	-
Breast-----	120.3	122.3	126.2	107.2	126.6	118.6	91.3	121.9	119.9

Female Genital System-----	47.2	45.0	46.0	47.2	46.8	41.0	43.1	55.5	47.7
Cervix Uteri-----	14.9	12.3	15.3	14.0	14.0	14.9	17.1	18.6	17.9
Corpus and Uterus, NOS-----	17.8	16.8	17.1	19.1	18.5	15.8	12.3	21.4	18.3
Corpus Uteri-----	16.9	15.8	16.7	18.7	17.3	14.8	11.2	20.4	17.5
Uterus, NOS-----	0.8	0.9	-	-	-	-	-	-	-
Ovary-----	10.4	11.3	9.4	9.9	10.8	7.9	10.7	10.4	8.9
Vagina-----	1.2	1.3	1.5	-	-	-	-	1.2	-
Vulva-----	2.4	3.0	2.0	-	2.4	-	-	2.7	-
Other-----	0.5	-	-	-	-	-	-	1.2	-
Urinary System-----	17.3	17.0	16.3	19.3	18.3	9.7	26.8	14.6	18.9
Urinary Bladder (Incl. In Situ)-----	6.3	7.3	5.3	3.1	6.8	-	9.4	6.1	6.9
Kidney and Renal Pelvis-----	10.4	9.4	10.4	13.9	10.9	6.6	16.4	7.9	12.0
Ureter-----	0.2	-	-	-	-	-	-	-	-
Other-----	0.3	-	-	-	-	-	-	-	-
Eye and Orbit-----	0.2	-	-	-	-	-	-	-	-
Brain and Nervous System-----	3.8	3.4	4.5	5.4	2.9	5.0	3.1	3.6	4.2
Brain-----	3.5	3.0	4.2	5.0	2.9	4.3	3.1	3.4	3.8
Cranial Nerves and Other NS-----	0.3	-	-	-	-	-	-	-	-
Endocrine System-----	7.4	7.2	4.4	10.9	10.8	6.7	5.6	9.2	5.8
Thyroid-----	6.6	5.9	3.7	9.4	9.9	5.9	4.6	8.8	5.8
Thymus and Other Endocrine-----	0.9	1.3	-	-	-	-	-	-	-
Lymphoma-----	12.4	12.9	12.7	10.8	13.3	15.8	9.8	11.3	12.3
Hodgkin Lymphoma-----	1.8	2.3	1.7	-	1.3	-	-	2.0	1.6
Non-Hodgkin Lymphoma-----	10.6	10.6	11.0	9.8	12.0	14.4	8.3	9.3	10.8
Myeloma-----	9.0	8.0	10.4	8.5	9.1	9.4	8.9	9.2	9.4
Leukemia-----	8.3	7.6	8.7	9.8	9.1	7.4	9.0	7.6	9.3
Lymphocytic-----	2.9	2.6	2.2	3.6	4.5	-	5.6	1.6	4.0
Acute Lymphocytic -----	0.8	0.8	0.7	-	1.6	-	-	-	-
Chronic Lymphocytic-----	2.0	1.5	1.5	3.3	2.7	-	4.6	-	3.5
Other-----	-	-	-	-	-	-	-	-	-
Myeloid and Monocytic Leukemia-----	4.3	3.9	5.8	2.8	4.0	6.1	-	4.0	4.5
Acute Myeloid Leukemia-----	2.9	3.0	3.9	2.8	1.4	4.6	-	2.3	2.6
Acute Monocytic Leukemia-----	-	-	-	-	-	-	-	-	-
Chronic Myeloid Leukemia-----	1.1	0.7	1.2	-	2.3	-	-	1.3	-
Other Myeloid/Monocytic Leukemia-----	0.2	-	-	-	-	-	-	-	-
Other Leukemia-----	1.1	1.1	-	3.4	-	-	-	2.0	-
Other Acute Leukemia-----	0.4	-	-	-	-	-	-	-	-
Aleukemic, Subleukemic and NOS-----	0.7	0.8	-	-	-	-	-	1.5	-
Ill-Defined and Unknown Sites-----	11.7	13.2	11.7	6.5	14.9	15.1	10.8	8.7	10.7
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast In Situ-----	19.4	22.1	14.7	18.2	20.1	20.8	13.4	24.3	14.8

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 E1. TEN MOST COMMON CANCERS: AVERAGE ANNUAL INCIDENCE RATES<sup>1</sup> BY LOUISIANA REGION, 1999-2003, WHITE MALES**

PRIMARY SITE:	U.S. <sup>2</sup>	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REEGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
<b>INVASIVE CANCERS</b>										
All Sites Combined-----	554.0	595.6 *	585.1 *	587.1 *	590.4 *	616.9 * †	623.0 * †	572.7 †	614.7 * †	577.6 *
Prostate-----	168.9	162.1 *	142.9 * †	163.8	158.5 *	181.6 * †	193.4 * †	148.3 * †	174.0 †	141.6 * †
Lung and Bronchus-----	75.3	108.8 *	107.2 *	101.9 * †	101.3 * †	111.8 *	108.1 *	121.0 * †	112.7 *	115.6 *
Colon and Rectum-----	60.0	71.4 *	67.6 *	70.3 *	74.5 *	70.6 *	66.9	78.3 *	77.0 *	70.2 *
Urinary Bladder (incl. In Situ)-----	39.8	39.1	41.3	41.6	42.5	37.9	34.2 *	33.3 * †	36.6	38.3
Non-Hodgkin Lymphoma-----	24.7	24.2	24.6	24.6	27.0	23.9	31.6 * †	19.8 * †	21.7	19.8 * †
Kidney and Renal Pelvis-----	17.0	21.3 *	22.9 *	22.8 *	21.9 *	20.9 *	22.2 *	19.7	20.0	16.4 †
Oral Cavity and Pharynx-----	15.3	18.8 *	17.8 *	18.9 *	16.2	17.6	16.3	18.4	19.2 *	28.5 * †
Leukemia-----	17.0	17.6	15.8	16.2	15.8	19.5	17.1	19.4	21.0 * †	18.8
Melanoma of the Skin-----	26.4	17.4 *	14.7 * †	18.9 *	14.3 * †	14.7 *	20.5 *	15.8 *	20.6 *	24.9 †
Pancreas-----	12.5	14.1 *	15.1 *	13.2	14.1	15.4 *	12.7	18.4 * †	10.6 †	13.9

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

**TABLE E2.** TEN MOST COMMON CANCERS: AVERAGE ANNUAL INCIDENCE RATES<sup>1</sup> BY LOUISIANA REGION, 1999–2003, 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-----	424.9	406.6 *	413.2 *	397.2 *	413.3	413.7	415.0	373.8 * †	409.1 *	403.7 *
Breast-----	137.6	124.1 *	129.6 *	127.0 *	129.0 *	123.1 *	122.9 *	103.3 * †	125.0 *	116.3 *
Lung and Bronchus-----	51.0	59.7 *	61.7 *	54.5 †	57.7 *	63.5 *	59.3 *	52.6 †	65.1 * †	59.6 *
Colon and Rectum-----	44.2	46.8 *	44.7	48.4 *	46.8	43.8	53.4 * †	48.3	48.5 *	44.6
Non-Hodgkin Lymphoma-----	16.9	17.5	17.0	16.3	17.3	19.8 *	21.9 * †	17.2	15.2	17.3
Corpus and Uterus, NOS-----	25.3	17.2 *	17.1 *	17.3 *	17.4 *	17.9 *	16.6 *	13.6 * †	18.1 *	19.2 *
Ovary-----	14.6	13.1 *	13.3	12.6 *	14.3	12.3 *	10.9 *	13.3	13.0	14.1
Kidney and Renal Pelvis-----	8.6	11.5 *	11.4 *	10.7 *	12.8 *	13.5 *	10.7	11.7 *	11.1 *	9.4
Thyroid-----	12.5	11.5 *	11.1	8.0 * †	13.5	17.0 * †	10.3	8.9 *	10.5	10.6
Melanoma of the Skin-----	17.5	10.7 *	9.0 *	11.6 *	10.5 *	9.1 *	13.7 *	8.6 *	11.3 *	14.5 * †
Pancreas-----	9.6	9.8	9.8	9.8	9.0	13.9 * †	9.2	10.5	8.1 †	6.9 * †

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

**TABLE E3. TEN MOST COMMON CANCERS: AVERAGE ANNUAL INCIDENCE RATES<sup>1</sup> BY LOUISIANA REGION, 1999-2003. 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-----	672.6	680.3	678.9	689.3	696.6	702.8	640.0	656.2	682.1	654.2
Prostate-----	266.0	234.0 *	214.0 * †	264.2 †	225.6 *	232.3 *	215.1 *	226.0 *	241.1 *	250.3
Lung and Bronchus-----	111.5	133.4 *	137.3 *	122.3	134.2 *	149.1 *	126.0	131.7	128.6 *	133.2 *
Colon and Rectum-----	71.9	78.2 *	83.1 *	74.0	85.1	80.3	67.3	77.9	84.0 *	60.0 * †
Kidney and Renal Pelvis-----	19.8	21.9	19.3	23.8	30.7 *	22.0	21.3	16.2	24.3	17.1
Oral Cavity and Pharynx-----	18.3	21.0 *	19.1	21.0	19.0	25.0 *	21.6	20.7	23.1	21.0
Stomach-----	17.3	19.7 *	19.7	19.4	27.2 *	17.7	15.4	19.9	22.6	13.5 †
Urinary Bladder (incl. In Situ)-----	20.5	18.7	23.2	16.2	18.7	20.3	25.1	16.9	14.5 *	12.1 * †
Pancreas-----	16.3	18.3	16.4	19.6	21.8	20.6	17.4	22.3	17.2	16.3
Non-Hodgkin Lymphoma-----	17.8	16.6	19.2	17.6	15.3	15.4	21.6	12.0	14.0	11.6 *
Myeloma-----	13.4	15.9 *	14.8	17.8	12.7	15.3	8.8 †	12.4	15.9	24.9 * †

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

**TABLE E4. TEN MOST COMMON CANCERS: AVERAGE ANNUAL INCIDENCE RATES<sup>1</sup> BY LOUISIANA REGION, 1999-2003. 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
<b>INVASIVE CANCERS</b>										
All Sites Combined-----	396.9	397.9	402.9	398.7	392.6	422.0 * †	403.9	377.9	387.5	382.3
Breast-----	118.9	120.3	122.3	126.2	107.2	126.6	118.6	91.3 * †	121.9	119.9
Colon and Rectum-----	55.5	58.1	56.7	59.8	57.1	59.2	68.9	54.5	60.4	53.4
Lung & Bronchus-----	54.7	49.0 *	53.7	40.6 * †	52.2	53.2	59.7	65.0 †	39.6 * †	43.8 *
Corpus and Uterus, NOS-----	19.2	17.8	16.8	17.1	19.1	18.5	15.8	12.3 *	21.4	18.3
Cervix Uteri-----	10.7	14.9 *	12.3 †	15.3 *	14.0	14.0	14.9	17.1 *	18.6 *	17.9 *
Pancreas-----	13.7	13.9	13.8	14.7	15.8	17.7	14.4	15.0	9.7 * †	13.0
Stomach-----	9.3	11.4 *	11.1	12.9 *	16.3 *	13.2	9.6	8.9	10.7	8.3
Non-Hodgkin Lymphoma-----	11.8	10.6	10.6	11.0	9.8	12.0	14.4	8.3	9.3	10.8
Kidney and Renal Pelvis-----	9.8	10.4	9.4	10.4	13.9	10.9	6.6	16.4 *	7.9	12.0
Ovary-----	10.1	10.4	11.3	9.4	9.9	10.8	7.9	10.7	10.4	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 incidence rate).† 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, 1999–2003,  
LOUISIANA, INDUSTRIAL CORRIDOR,<sup>2</sup> AND THE U.S.<sup>3</sup>**

PRIMARY SITE:	WHITE MALES			WHITE FEMALES			BLACK MALES			BLACK FEMALES		
	INDUSTRIAL		U.S.	INDUSTRIAL		U.S.	INDUSTRIAL		U.S.	INDUSTRIAL		U.S.
	LOUISIANA	CORRIDOR		LOUISIANA	CORRIDOR		LOUISIANA	CORRIDOR		LOUISIANA	CORRIDOR	
<b>INVASIVE CANCERS</b>												
Oral Cavity and Pharynx-----	554.0	595.6 *	584.8 *	424.9	406.6 *	406.0 *	672.6	680.3	697.5	396.9	397.9	398.4
Esophagus-----	15.3	18.8 *	18.0	6.2	6.4	6.2	18.3	21.0 *	18.3	6.1	5.5	5.2
Stomach-----	7.8	8.4	8.3	1.9	1.8	1.5	10.2	11.3	9.8	3.6	2.6 *	3.5
Colon and Rectum-----	10.5	8.9 *	7.7 *	5.0	4.0 *	3.3 *	17.3	19.7 *	24.1 *	9.3	11.4 *	12.8 *
Colon -----	60.0	71.4 *	65.4	44.2	46.8 *	48.1	71.9	78.2 *	80.0	55.5	58.1	57.9
Rectum and Rectosigmoid Junction--	41.9	49.6 *	45.7	33.3	34.6 *	37.7 *	54.8	59.0 *	62.8	43.9	44.9	46.8
Pancreas-----	18.1	21.7 *	19.7	11.0	12.2 *	10.4	17.1	19.2	17.3	11.6	13.2 *	11.2
Larynx-----	12.5	14.1 *	13.5	9.6	9.8	9.4	16.3	18.3	20.5	13.7	13.9	16.6
Lung and Bronchus-----	6.2	9.2 *	7.2	1.3	2.3 *	1.5	11.0	15.4 *	10.7	2.2	2.4	2.5
Breast-----	75.3	108.8 *	95.5 *	51.0	59.7 *	55.2	111.5	133.4 *	117.8	54.7	49.0 *	37.7 *
Cervix Uteri-----	1.2	1.6 *	1.7	137.6	124.1 *	132.1	2.1	2.4	1.7	118.9	120.3	126.5
Corpus and Uterus, NOS-----	-	-	-	8.4	8.9	7.9	-	-	-	10.7	14.9 *	13.3
Ovary-----	-	-	-	25.3	17.2 *	17.6 *	-	-	-	19.2	17.8	17.5
Prostate-----	-	-	-	14.6	13.1 *	13.2	-	-	-	10.1	10.4	10.7
Testis-----	168.9	162.1 *	170.1	-	-	-	266.0	234.0 *	258.4	-	-	-
Urinary Bladder (Incl. In Situ)----	6.2	5.7	6.3	-	-	-	1.4	1.5	2.1	-	-	-
Kidney and Renal Pelvis-----	39.8	39.1	43.6	9.9	8.8 *	8.9	20.5	18.7	17.2	7.7	6.3 *	5.6
Brain and Nervous System-----	17.0	21.3 *	23.5 *	8.6	11.5 *	11.0 *	19.8	21.9	25.0	9.8	10.4	10.5
Hodgkin Lymphoma-----	8.4	8.2	8.4	5.9	5.4	7.0	4.8	4.9	5.0	3.4	3.8	4.5
Non-Hodgkin Lymphoma-----	3.3	3.2	2.5	2.6	2.8	2.8	3.0	2.4	3.5	2.1	1.8	1.9
Myeloma-----	24.7	24.2	24.6	16.9	17.5	16.5	17.8	16.6	15.8	11.8	10.6	12.0
Leukemia-----	6.7	6.3	6.5	4.2	3.7 *	4.4	13.4	15.9 *	17.9	9.3	9.0	10.7
	17.0	17.6	17.3	9.9	9.8	9.0	12.5	13.3	15.7	7.9	8.3	10.0

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

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

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

- 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 incidence rate).

# Mortality Tables

**TABLE G1.** NUMBER OF CANCER DEATHS (5 YEARS COMBINED) BY SITE, RACE AND SEX, 1999-2003, LOUISIANA

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
All Sites Combined-----	47302	25337	21965	32914	17570	15344	14120	7627	6493
Oral Cavity and Pharynx-----	761	534	227	506	342	164	250	187	63
Lip-----	5	4	1	5	4	1	0	0	0
Tongue-----	133	94	39	100	70	30	33	24	9
Salivary Gland-----	55	31	24	44	26	18	11	5	6
Floor of Mouth-----	11	9	2	7	5	2	4	4	0
Gum and Other Mouth-----	123	87	36	78	51	27	45	36	9
Nasopharynx-----	52	34	18	33	18	15	16	13	3
Tonsil-----	35	24	11	25	18	7	10	6	4
Oropharynx-----	76	48	28	43	24	19	32	23	9
Hypopharynx-----	25	18	7	18	12	6	7	6	1
Other-----	246	185	61	153	114	39	92	70	22
Digestive System-----	11258	6222	5036	7462	4178	3284	3699	1988	1711
Esophagus-----	971	741	230	668	515	153	298	222	76
Stomach-----	1099	650	449	518	319	199	558	315	243
Small Intestine-----	84	43	41	56	28	28	28	15	13
Colon and Rectum-----	4883	2557	2326	3285	1754	1531	1571	790	781
Colon -----	4235	2192	2043	2831	1493	1338	1382	689	693
Rectum and Rectosigmoid Junction---	648	365	283	454	261	193	189	101	88
Anus, Anal Canal and Anorectum-----	24	7	17	20	3	17	4	4	0
Liver and Intrahepatic Bile Duct-----	1318	845	473	918	576	342	373	252	121
Liver-----	1157	765	392	799	519	280	334	230	104
Intrahepatic Bile Duct-----	161	80	81	119	57	62	39	22	17
Gallbladder-----	139	33	106	94	26	68	44	7	37
Other Biliary Tract-----	79	33	46	56	23	33	21	9	12
Pancreas-----	2545	1255	1290	1769	893	876	765	357	408
Retroperitoneum-----	13	6	7	10	5	5	3	1	2
Peritoneum, Omentum and Mesentery----	23	5	18	18	4	14	5	1	4
Other-----	80	47	33	50	32	18	29	15	14
Respiratory System-----	14561	9012	5549	10512	6304	4208	3982	2663	1319
Nose, Nasal Cavity and Middle Ear-----	34	21	13	29	16	13	5	5	0
Larynx-----	405	330	75	242	192	50	160	135	25
Lung and Bronchus-----	14087	8638	5449	10215	6079	4136	3809	2517	1292
Pleura-----	17	13	4	13	10	3	4	3	1
Trachea and Other-----	18	10	8	13	7	6	4	3	1
Bones and Joints-----	139	74	65	96	47	49	41	26	15
Soft Tissue (Incl. heart)-----	266	129	137	186	95	91	79	33	46
Skin (Excl. basal and squamous)-----	615	377	238	549	335	214	64	40	24
Melanoma of the Skin-----	468	283	185	429	262	167	38	20	18
Other Non-Epithelial Skin-----	147	94	53	120	73	47	26	20	6
Breast-----	3650	41	3609	2334	26	2308	1298	15	1283
Female Genital System-----	1899	-	1899	1232	-	1232	659	-	659
Cervix Uteri-----	341	-	341	165	-	165	173	-	173

Corpus and Uterus, NOS-----	440	-	440	227	-	227	211	-	211
Corpus Uteri-----	178	-	178	94	-	94	83	-	83
Uterus, NOS-----	262	-	262	133	-	133	128	-	128
Ovary-----	1003	-	1003	770	-	770	230	-	230
Vagina-----	47	-	47	25	-	25	22	-	22
Vulva-----	39	-	39	26	-	26	13	-	13
Other-----	29	-	29	19	-	19	10	-	10
Male Genital System-----	2573	2573	-	1500	1500	-	1065	1065	-
Prostate-----	2534	2534	-	1474	1474	-	1052	1052	-
Testis-----	25	25	-	19	19	-	6	6	-
Penis-----	12	12	-	5	5	-	7	7	-
Other-----	2	2	-	2	2	-	0	0	-
Urinary System-----	1881	1180	701	1450	920	530	422	255	167
Urinary Bladder-----	754	502	252	578	400	178	171	100	71
Kidney and Renal Pelvis-----	1083	651	432	838	499	339	241	149	92
Ureter-----	13	7	6	12	6	6	1	1	0
Other-----	31	20	11	22	15	7	9	5	4
Eye and Orbit-----	20	11	9	19	10	9	1	1	0
Brain and Nervous System-----	938	506	432	761	422	339	173	84	89
Endocrine System-----	215	91	124	147	68	79	68	23	45
Thyroid-----	122	45	77	83	34	49	39	11	28
Thymus and Other Endocrine-----	93	46	47	64	34	30	29	12	17
Lymphoma-----	1778	884	894	1454	721	733	311	157	154
Hodgkin Lymphoma-----	93	45	48	71	34	37	20	9	11
Non-Hodgkin Lymphoma-----	1685	839	846	1383	687	696	291	148	143
Myeloma-----	915	502	413	545	298	247	367	203	164
Leukemia-----	1684	930	754	1268	706	562	405	220	185
Lymphocytic-----	421	244	177	317	177	140	102	67	35
Acute Lymphocytic -----	90	57	33	60	40	20	29	17	12
Chronic Lymphocytic-----	295	168	127	234	124	110	60	44	16
Other-----	36	19	17	23	13	10	13	6	7
Myeloid and Monocytic Leukemia-----	780	430	350	585	341	244	187	86	101
Acute Myeloid Leukemia-----	596	330	266	452	266	186	137	61	76
Acute Monocytic Leukemia-----	10	3	7	8	3	5	2	0	2
Chronic Myeloid Leukemia-----	124	71	53	83	50	33	40	21	19
Other Myeloid/Monocytic Leukemia-----	50	26	24	42	22	20	8	4	4
Other Leukemia-----	483	256	227	366	188	178	116	67	49
Other Acute Leukemia-----	142	64	78	116	49	67	25	14	11
Aleukemic, Subleukemic and NOS-----	341	192	149	250	139	111	91	53	38
Ill-Defined and Unknown Sites-----	4149	2271	1878	2893	1598	1295	1236	667	569

- Not Applicable

**TABLE G2.** PERCENT DISTRIBUTION OF CANCER DEATHS BY SITE, RACE AND SEX, 1999-2003, 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	2.1	1.0	1.5	1.9	1.1	1.8	2.5	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	0.2	0.3	0.1
Salivary Gland-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Floor of Mouth-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Gum and Other Mouth-----	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.5	0.1
Nasopharynx-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0
Tonsil-----	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Oropharynx-----	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.1
Hypopharynx-----	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0
Other-----	0.5	0.7	0.3	0.5	0.6	0.3	0.7	0.9	0.3
Digestive System-----	23.8	24.6	22.9	22.7	23.8	21.4	26.2	26.1	26.4
Esophagus-----	2.1	2.9	1.0	2.0	2.9	1.0	2.1	2.9	1.2
Stomach-----	2.3	2.6	2.0	1.6	1.8	1.3	4.0	4.1	3.7
Small Intestine-----	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Colon and Rectum-----	10.3	10.1	10.6	10.0	10.0	10.0	11.1	10.4	12.0
Colon -----	9.0	8.7	9.3	8.6	8.5	8.7	9.8	9.0	10.7
Rectum and Rectosigmoid Junction---	1.4	1.4	1.3	1.4	1.5	1.3	1.3	1.3	1.4
Anus, Anal Canal and Anorectum-----	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.0
Liver and Intrahepatic Bile Duct-----	2.8	3.3	2.2	2.8	3.3	2.2	2.6	3.3	1.9
Liver-----	2.4	3.0	1.8	2.4	3.0	1.8	2.4	3.0	1.6
Intrahepatic Bile Duct-----	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.3	0.3
Gallbladder-----	0.3	0.1	0.5	0.3	0.1	0.4	0.3	0.1	0.6
Other Biliary Tract-----	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.2
Pancreas-----	5.4	5.0	5.9	5.4	5.1	5.7	5.4	4.7	6.3
Retroperitoneum-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peritoneum, Omentum and Mesentery----	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1
Other-----	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2
Respiratory System-----	30.8	35.6	25.3	31.9	35.9	27.4	28.2	34.9	20.3
Nose, Nasal Cavity and Middle Ear-----	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0
Larynx-----	0.9	1.3	0.3	0.7	1.1	0.3	1.1	1.8	0.4
Lung and Bronchus-----	29.8	34.1	24.8	31.0	34.6	27.0	27.0	33.0	19.9
Pleura-----	0.0	0.1	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	0.0	0.0
Bones and Joints-----	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
Soft Tissue (Incl. heart)-----	0.6	0.5	0.6	0.6	0.5	0.6	0.6	0.4	0.7
Skin (Excl. basal and squamous)-----	1.3	1.5	1.1	1.7	1.9	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	0.3	0.3
Other Non-Epithelial Skin-----	0.3	0.4	0.2	0.4	0.4	0.3	0.2	0.3	0.1
Breast-----	7.7	0.2	16.4	7.1	0.1	15.0	9.2	0.2	19.8
Female Genital System-----	4.0	-	8.6	3.7	-	8.0	4.7	-	10.1
Cervix Uteri-----	0.7	-	1.6	0.5	-	1.1	1.2	-	2.7

Corpus and Uterus, NOS-----	0.9	-	2.0	0.7	-	1.5	1.5	-	3.2
Corpus Uteri-----	0.4	-	0.8	0.3	-	0.6	0.6	-	1.3
Uterus, NOS-----	0.6	-	1.2	0.4	-	0.9	0.9	-	2.0
Ovary-----	2.1	-	4.6	2.3	-	5.0	1.6	-	3.5
Vagina-----	0.1	-	0.2	0.1	-	0.2	0.2	-	0.3
Vulva-----	0.1	-	0.2	0.1	-	0.2	0.1	-	0.2
Other-----	0.1	-	0.1	0.1	-	0.1	0.1	-	0.2
Male Genital System-----	5.4	10.2	-	4.6	8.5	-	7.5	14.0	-
Prostate-----	5.4	10.0	-	4.5	8.4	-	7.5	13.8	-
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	-	0.0	0.0	-
Urinary System-----	4.0	4.7	3.2	4.4	5.2	3.5	3.0	3.3	2.6
Urinary Bladder-----	1.6	2.0	1.1	1.8	2.3	1.2	1.2	1.3	1.1
Kidney and Renal Pelvis-----	2.3	2.6	2.0	2.5	2.8	2.2	1.7	2.0	1.4
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	2.0	2.0	2.3	2.4	2.2	1.2	1.1	1.4
Endocrine System-----	0.5	0.4	0.6	0.4	0.4	0.5	0.5	0.3	0.7
Thyroid-----	0.3	0.2	0.4	0.3	0.2	0.3	0.3	0.1	0.4
Thymus and Other Endocrine-----	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Lymphoma-----	3.8	3.5	4.1	4.4	4.1	4.8	2.2	2.1	2.4
Hodgkin Lymphoma-----	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2
Non-Hodgkin Lymphoma-----	3.6	3.3	3.9	4.2	3.9	4.5	2.1	1.9	2.2
Myeloma-----	1.9	2.0	1.9	1.7	1.7	1.6	2.6	2.7	2.5
Leukemia-----	3.6	3.7	3.4	3.9	4.0	3.7	2.9	2.9	2.8
Lymphocytic-----	0.9	1.0	0.8	1.0	1.0	0.9	0.7	0.9	0.5
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	0.6	0.7	0.7	0.7	0.4	0.6	0.2
Other-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Myeloid and Monocytic Leukemia-----	1.6	1.7	1.6	1.8	1.9	1.6	1.3	1.1	1.6
Acute Myeloid Leukemia-----	1.3	1.3	1.2	1.4	1.5	1.2	1.0	0.8	1.2
Acute Monocytic Leukemia-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic Myeloid Leukemia-----	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.3
Other Myeloid/Monocytic Leukemia-----	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Other Leukemia-----	1.0	1.0	1.0	1.1	1.1	1.2	0.8	0.9	0.8
Other Acute Leukemia-----	0.3	0.3	0.4	0.4	0.3	0.4	0.2	0.2	0.2
Aleukemic, Subleukemic and NOS-----	0.7	0.8	0.7	0.8	0.8	0.7	0.6	0.7	0.6
Ill-Defined and Unknown Sites-----	8.8	9.0	8.5	8.8	9.1	8.4	8.8	8.7	8.8

- Not Applicable

**TABLE H. AVERAGE ANNUAL CANCER MORTALITY RATES<sup>1</sup> BY SITE, RACE AND SEX, 1999-2003, LOUISIANA**

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
All Sites Combined-----	226.3	296.1	181.1	211.8	273.3	171.5	273.6	378.3	209.2
Oral Cavity and Pharynx-----	3.6	5.8	1.9	3.2	5.0	1.8	4.5	8.1	2.0
Lip-----	-	-	-	-	-	-	-	-	-
Tongue-----	0.6	1.0	0.3	0.6	1.0	0.3	0.6	1.0	0.3
Salivary Gland-----	0.3	0.4	0.2	0.3	0.4	0.2	0.2	-	0.2
Floor of Mouth-----	0.1	0.1	-	0.0	-	-	-	-	-
Gum and Other Mouth-----	0.6	0.9	0.3	0.5	0.7	0.3	0.8	1.6	0.3
Nasopharynx-----	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.5	-
Tonsil-----	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	-
Oropharynx-----	0.4	0.5	0.2	0.3	0.3	0.2	0.6	1.0	0.3
Hypopharynx-----	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	-
Other-----	1.2	2.0	0.5	1.0	1.7	0.4	1.7	3.1	0.7
Digestive System-----	54.1	71.8	41.0	48.1	64.5	35.9	72.8	96.9	56.1
Esophagus-----	4.6	8.1	1.9	4.3	7.6	1.7	5.7	10.1	2.5
Stomach-----	5.3	7.6	3.7	3.3	4.9	2.2	11.1	15.9	8.0
Small Intestine-----	0.4	0.5	0.3	0.4	0.4	0.3	0.5	0.7	0.4
Colon and Rectum-----	23.6	30.2	18.9	21.3	27.7	16.7	31.1	39.5	25.5
Colon -----	20.5	26.1	16.5	18.3	23.7	14.5	27.5	34.7	22.7
Rectum and Rectosigmoid Junction---	3.1	4.2	2.3	2.9	4.0	2.1	3.7	4.8	2.9
Anus, Anal Canal and Anorectum-----	0.1	0.1	0.1	0.1	-	0.2	-	-	-
Liver and Intrahepatic Bile Duct-----	6.3	9.4	3.9	5.9	8.7	3.7	7.0	11.3	3.9
Liver-----	5.5	8.5	3.2	5.1	7.9	3.1	6.2	10.2	3.4
Intrahepatic Bile Duct-----	0.8	0.9	0.7	0.8	0.9	0.7	0.8	1.1	0.5
Gallbladder-----	0.7	0.4	0.9	0.6	0.4	0.8	0.9	0.4	1.2
Other Biliary Tract-----	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4
Pancreas-----	12.2	14.5	10.5	11.4	13.7	9.6	15.2	17.5	13.5
Retroperitoneum-----	0.1	0.1	0.1	0.1	-	-	-	-	-
Peritoneum, Omentum and Mesentery----	0.1	-	0.2	0.1	-	0.2	-	-	-
Other-----	0.4	0.5	0.3	0.3	0.5	0.2	0.6	0.8	0.5
Respiratory System-----	69.2	101.9	46.0	66.9	94.8	47.2	76.6	127.1	43.0
Nose, Nasal Cavity and Middle Ear-----	0.2	0.2	0.1	0.2	0.2	0.1	-	-	-
Larynx-----	1.9	3.6	0.6	1.5	2.8	0.6	3.0	6.1	0.8
Lung and Bronchus-----	66.9	97.8	45.2	65.1	91.5	46.4	73.4	120.4	42.1
Pleura-----	0.1	0.2	-	0.1	0.2	-	-	-	-
Trachea and Other-----	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-
Bones and Joints-----	0.7	0.8	0.5	0.6	0.7	0.6	0.7	1.0	0.4
Soft Tissue (Incl. heart)-----	1.3	1.4	1.1	1.2	1.5	1.1	1.4	1.2	1.4
Skin (Excl. basal and squamous)-----	2.9	4.3	2.0	3.6	5.1	2.4	1.2	2.0	0.7
Melanoma of the Skin-----	2.2	3.1	1.5	2.8	3.8	1.9	0.7	1.1	0.5
Other Non-Epithelial Skin-----	0.7	1.2	0.4	0.8	1.3	0.5	0.5	1.0	0.2
Breast-----	17.4	0.5	30.1	15.1	0.4	26.3	23.8	0.8	40.1

Female Genital System-----	9.0	-	15.8	8.0	-	14.1	12.6	-	21.2
Cervix Uteri-----	1.6	-	2.9	1.1	-	2.1	3.0	-	5.3
Corpus and Uterus, NOS-----	2.1	-	3.6	1.5	-	2.5	4.3	-	7.0
Corpus Uteri-----	0.9	-	1.5	0.6	-	1.0	1.7	-	2.7
Uterus, NOS-----	1.3	-	2.2	0.9	-	1.5	2.6	-	4.2
Ovary-----	4.8	-	8.3	4.9	-	8.7	4.4	-	7.4
Vagina-----	0.2	-	0.4	0.2	-	0.3	0.4	-	0.7
Vulva-----	0.2	-	0.3	0.2	-	0.3	0.3	-	0.4
Other-----	0.1	-	0.2	0.1	-	0.2	0.2	-	0.3
Male Genital System-----	12.8	35.3	-	9.8	27.4	-	22.7	63.5	-
Prostate-----	12.6	34.9	-	9.6	27.0	-	22.5	62.9	-
Testis-----	0.1	0.2	-	0.1	0.3	-	0.1	0.2	-
Penis-----	0.1	0.2	-	-	-	-	0.1	0.4	-
Other-----	-	-	-	-	-	-	-	-	-
Urinary System-----	9.1	14.1	5.7	9.4	14.6	5.8	8.4	13.0	5.4
Urinary Bladder-----	3.7	6.6	2.0	3.8	6.9	1.9	3.6	5.8	2.4
Kidney and Renal Pelvis-----	5.1	7.2	3.5	5.4	7.4	3.8	4.6	6.8	3.0
Ureter-----	0.1	0.1	-	0.1	0.1	0.1	-	-	-
Other-----	0.2	0.3	0.1	0.1	0.2	0.1	0.2	-	-
Eye and Orbit-----	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-
Brain and Nervous System-----	4.4	5.4	3.6	4.9	6.1	4.0	3.0	3.4	2.8
Endocrine System-----	1.0	1.0	1.0	1.0	1.0	0.9	1.2	0.9	1.4
Thyroid-----	0.6	0.5	0.6	0.5	0.5	0.5	0.8	0.5	0.9
Thymus and Other Endocrine-----	0.4	0.5	0.4	0.4	0.5	0.4	0.5	0.4	0.5
Lymphoma-----	8.5	10.3	7.3	9.4	11.4	8.1	5.8	7.0	4.9
Hodgkin Lymphoma-----	0.4	0.5	0.4	0.5	0.5	0.4	0.3	0.4	0.3
Non-Hodgkin Lymphoma-----	8.1	9.8	6.9	8.9	10.8	7.7	5.5	6.6	4.6
Myeloma-----	4.4	5.9	3.4	3.5	4.6	2.7	7.4	10.7	5.4
Leukemia-----	8.1	11.0	6.1	8.2	11.2	6.2	7.6	10.6	5.8
Lymphocytic-----	2.0	2.9	1.4	2.1	2.8	1.5	2.0	3.4	1.1
Acute Lymphocytic -----	0.4	0.6	0.3	0.4	0.6	0.2	0.5	0.7	0.3
Chronic Lymphocytic-----	1.4	2.1	1.0	1.5	2.0	1.1	1.2	2.4	0.5
Other-----	0.2	0.2	0.1	0.2	0.2	0.1	0.3	0.4	0.2
Myeloid and Monocytic Leukemia-----	3.7	4.9	2.9	3.8	5.3	2.8	3.4	3.8	3.1
Acute Myeloid Leukemia-----	2.8	3.8	2.2	2.9	4.1	2.1	2.5	2.8	2.3
Acute Monocytic Leukemia-----	0.0	-	0.1	0.1	-	-	-	-	-
Chronic Myeloid Leukemia-----	0.6	0.8	0.4	0.5	0.8	0.4	0.7	0.8	0.6
Other Myeloid/Monocytic Leukemia-----	0.2	0.3	0.2	0.3	0.4	0.2	0.1	-	-
Other Leukemia-----	2.4	3.1	1.8	2.4	3.1	1.9	2.3	3.4	1.6
Other Acute Leukemia-----	0.7	0.8	0.6	0.8	0.8	0.7	0.5	0.7	0.4
Aleukemic, Subleukemic and NOS-----	1.7	2.4	1.2	1.6	2.3	1.2	1.8	2.7	1.2
Ill-Defined and Unknown Sites-----	19.9	26.4	15.4	18.6	25.0	14.4	23.9	32.1	18.5

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 I.** COMPARISON OF AVERAGE ANNUAL CANCER MORTALITY RATES<sup>1</sup> BY SELECTED SITE, RACE AND SEX, 1999-2003, 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-----	239.2	273.3 *	163.4	171.5 *	331.0	378.3 *	192.4	209.2 *
Oral Cavity and Pharynx-----	3.8	5.0 *	1.5	1.8 *	6.9	8.1 *	1.8	2.0
Esophagus-----	7.6	7.6	1.7	1.7	10.7	10.1	3.0	2.5
Stomach-----	5.4	4.9	2.7	2.2 *	12.4	15.9 *	6.0	8.0 *
Colon and Rectum-----	23.7	27.7 *	16.4	16.7	33.6	39.5 *	23.7	25.5
Pancreas-----	12.0	13.7 *	9.0	9.6 *	15.7	17.5	12.5	13.5
Larynx-----	2.2	2.8 *	0.5	0.6	5.1	6.1 *	0.9	0.8
Lung and Bronchus-----	73.8	91.5 *	42.0	46.4 *	98.4	120.4 *	39.8	42.1
Breast-----	0.3	0.4	25.4	26.3	0.6	0.8	34.4	40.1 *
Cervix Uteri-----	-	-	2.4	2.1	-	-	5.1	5.3
Corpus and Uterus, NOS-----	-	-	3.9	2.5 *	-	-	7.1	7.0
Ovary-----	-	-	9.2	8.7	-	-	7.4	7.4
Prostate-----	26.7	27.0	-	-	65.1	62.9	-	-
Testis-----	0.3	0.3	-	-	0.2	0.2	-	-
Urinary Bladder-----	7.9	6.9 *	2.3	1.9 *	5.5	5.8	2.9	2.4
Kidney and Renal Pelvis-----	6.2	7.4 *	2.8	3.8 *	6.1	6.8	2.8	3.0
Brain and Nervous System-----	5.9	6.1	3.9	4.0	3.3	3.4	2.2	2.8
Hodgkin Lymphoma-----	0.6	0.5	0.4	0.4	0.5	0.4	0.3	0.3
Non-Hodgkin Lymphoma-----	10.3	10.8	6.7	7.7 *	6.8	6.6	4.3	4.6
Myeloma-----	4.4	4.6	2.9	2.7	8.6	10.7 *	6.4	5.4 *
Leukemia-----	10.4	11.2 *	5.9	6.2	8.8	10.6 *	5.3	5.8

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 LOUISIANA REGION, 1999-2003, 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-----	239.2	273.3 *	280.2 *	259.0 * †	270.5 *	277.6 *	284.4 *	293.9 * †	270.8 *	260.0 *
Lung and Bronchus-----	73.8	91.5 *	87.6 *	84.4 * †	88.1 *	92.6 *	102.3 * †	108.5 * †	90.8 *	94.6 *
Colon and Rectum-----	23.7	27.7 *	28.7 *	26.2	28.6 *	31.5 *	24.7	28.9 *	28.2 *	22.6 †
Prostate-----	26.7	27.0	28.3	23.4	27.6	29.3	27.5	26.9	26.5	26.1
Pancreas-----	12.0	13.7 *	13.4	12.9	12.3	15.7 *	14.6	18.2 * †	12.4	11.8
Leukemia-----	10.4	11.2 *	12.0	10.7	9.4	11.0	9.4	13.1	13.3 *	9.9
Non-Hodgkin Lymphoma-----	10.3	10.8	10.1	10.8	11.8	10.8	13.2	9.8	10.7	10.6
Liver-----	5.2	7.9 *	10.3 * †	7.6 *	9.2 *	6.7	10.7 *	6.3	5.1 †	5.0 †
Esophagus-----	7.6	7.6	8.5	8.0	6.6	7.5	8.4	6.1	8.2	6.0
Kidney and Renal Pelvis-----	6.2	7.4 *	8.3 *	7.9	6.0	7.5	8.1	7.6	6.3	7.2
Urinary Bladder-----	7.9	6.9 *	8.5	6.0 *	5.6 *	8.1	6.4	7.7	5.9 *	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

\* 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 LOUISIANA REGION, 1999-2003, 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-----	163.4	171.5 *	175.7 *	165.0	170.7	174.4 *	177.5 *	175.8 *	173.0 *	160.2 †
Lung and Bronchus-----	42.0	46.4 *	47.8 *	41.5 †	46.8 *	48.4 *	48.0 *	43.8	51.3 * †	42.6
Breast-----	25.4	26.3	28.3 *	25.2	25.6	25.5	27.1	29.0	24.8	25.7
Colon and Rectum-----	16.4	16.7	16.2	17.5	17.9	15.8	17.1	16.4	18.5	13.1 * †
Pancreas-----	9.0	9.6 *	9.5	9.5	10.5	12.2 * †	9.2	10.5	7.4 * †	7.1 * †
Ovary-----	9.2	8.7	10.2	8.4	7.3 *	8.2	7.1	7.4	9.6	10.0
Non-Hodgkin Lymphoma-----	6.7	7.7 *	7.7	7.6	7.4	8.0	9.4 *	9.0	7.0	6.0
Leukemia-----	5.9	6.2	6.4	5.8	6.7	6.2	5.9	6.7	5.0	6.9
Brain and Nervous System-----	3.9	4.0	3.2	4.9	3.1	2.9 * †	4.2	6.1 * †	4.4	4.8
Kidney and Renal Pelvis-----	2.8	3.8 *	3.4	3.4	3.9	5.7 * †	3.5	3.8	3.6	2.9
Liver-----	1.9	3.1 *	3.3 *	3.3 *	2.1 †	2.4	4.4 *	3.3 *	2.7	3.8 *

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 LOUISIANA REGION, 1999-2003, 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-----	331.0	378.3 *	396.9 *	359.7 *	401.7 *	371.4 *	341.0	365.4	383.3 *	367.0 *
Lung and Bronchus-----	98.4	120.4 *	130.1 *	111.2 *	125.4 *	130.5 *	105.6	117.2	110.9 *	117.8 *
Prostate-----	65.1	62.9	62.7	60.2	65.1	49.8 * †	44.7 * †	56.2	72.1	79.6 * †
Colon and Rectum-----	33.6	39.5 *	45.0 *	32.7	41.8	36.5	36.1	38.3	43.0 *	34.9
Pancreas-----	15.7	17.5	15.3	16.9	24.4 *	22.3 *	17.1	17.0	17.6	14.3
Stomach-----	12.4	15.9 *	16.0 *	16.0	18.7	16.4	11.0	14.5	18.6 *	12.5
Myeloma-----	8.6	10.7 *	11.1	10.1	9.8	10.2	12.9	6.0	10.1	14.7 *
Leukemia-----	8.8	10.6 *	13.1 *	12.4	7.7	8.5	12.2	8.2	10.8	5.6 †
Liver-----	8.5	10.2 *	13.3 *	11.3	8.9	9.2	10.4	6.3	7.3	7.3
Esophagus-----	10.7	10.1	7.3 * †	8.5	14.0	10.4	10.1	12.1	14.2	9.9
Oral Cavity and Pharynx-----	6.9	8.1 *	7.3	5.3 †	8.0	11.3 *	19.6 * †	7.3	7.9	7.7

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 J4.** TEN MOST COMMON CANCER DEATHS: COMPARISON OF AVERAGE ANNUAL MORTALITY RATES<sup>1</sup> BY LOUISIANA REGION, 1999-2003, 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-----	192.4	209.2 *	220.5 * †	199.9	225.0 *	211.7 *	224.9 *	210.8	191.8 †	204.3
Lung & Bronchus-----	39.8	42.1	45.9 *	36.1 †	46.5	46.5	52.3	50.4	35.2 †	36.7
Breast-----	34.4	40.1 *	42.7 *	37.9	45.6 *	37.4	41.4	32.5	38.2	43.7 *
Colon and Rectum-----	23.7	25.5	28.5 *	24.1	24.5	25.5	35.7 *	25.8	22.4	22.0
Pancreas-----	12.5	13.5	13.6	14.8	11.7	16.3	18.4	13.9	11.1	12.2
Stomach-----	6.0	8.0 *	8.5 *	8.6 *	12.8 *	6.8	5.4	11.1 *	6.9	4.7 †
Ovary-----	7.4	7.4	8.4	5.2 * †	8.8	7.2	5.0	8.2	7.6	8.2
Corpus and Uterus, NOS-----	7.1	7.0	6.0	7.3	10.2	5.7	4.8	5.6	7.9	9.0
Leukemia-----	5.3	5.8	6.3	5.5	5.7	5.9	5.0	7.7	5.2	5.1
Myeloma-----	6.4	5.4 *	5.2	6.1	6.4	6.5	4.9	-	4.4 *	7.1
Cervix Uteri-----	5.1	5.3	4.6	4.4	4.0	5.1	-	8.9	8.0 * †	5.2

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.

Correa P, Chen VW, Craig, JF, Zavala DE. *Cancer in Louisiana*, vol. 2. Baton Rouge: Louisiana Division of Administration, 1985.

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Chen VW, Craig JF, Fontham E, Lin Y, Correa P. *Cancer Incidence in South Louisiana, 1983–1986*. Baton Rouge: LSU Graphic Services, 1990. (*Cancer in Louisiana*; vol. 6.)

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Chen VW, Correa CN, Wu XC, et al. *Cancer Incidence in Louisiana, 1988–1992*. New Orleans: Louisiana Tumor Registry, 1996. 9 volumes. (*Cancer in Louisiana*, vol. 8; nos. 1–9.)

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.)

Andrews PA, Correa CN, Wu XC, Li F, Schmidt BA, Chen VW. *Cancer Incidence and Mortality in Louisiana, 1990–1994*. New Orleans: Louisiana Tumor Registry, 1998. (*Cancer in Louisiana*; vol. 10.)

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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Wu XC, Correa CN, Andrews PA, Hsieh MC, Schmidt BA, Ahmed MN. Chen VW. *Cancer Incidence and Mortality in Louisiana, 1993–1997*. New Orleans: Louisiana Tumor Registry, 2001. (*Cancer in 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>.

## Appendix 2

### Louisiana Tumor Registry Addresses and Phone Numbers

#### Central Office

**Louisiana Tumor Registry**  
1600 Canal Street, Room 900A  
New Orleans, LA 70112  
Phone: (504) 568-4716  
Fax: (504) 568-2493

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

Temporary phone: (504) 218-2352  
Temporary fax: (504) 218-2331

#### Regions 1 and 3

**New Orleans and Southeast Louisiana  
Regional Tumor Registry**  
1600 Canal Street, Room 900A  
New Orleans, LA 70112  
Phone: (504) 680-9060  
Fax: (504) 568-2853

Temporary address:  
See Louisiana Tumor Registry, above.

#### 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*)

Primary Site	Site (C) and Morphology (M) Codes	Excluded Morphology (M) Codes
<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*)

Primary Site	Site (C) and Morphology (M) Codes	Excluded Morphology (M) Codes
<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*)

Primary Site	Site (C) and Morphology (M) Codes	Excluded Morphology (M) Codes
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)	
Myeloma	M-9731-9732, 9734	
Leukemia		
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)	
Mesothelioma	M-9050-9055	
Kaposi sarcoma	M-9140	
Ill-defined and unspecified sites	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*)

<u>Site Description</u>	<u>Site Codes</u>
<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, C1
<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)

## **Appendix 5**

### **2000 U.S. Standard Population**

00 years	3,794,901
1-4	15,191,619
5-9	19,919,840
10-14	20,056,779
15-19	19,819,518
20-24	18,257,225
25-29	17,722,067
30-34	19,511,370
35-39	22,179,956
40-44	22,479,229
45-49	19,805,793
50-54	17,224,359
55-59	13,307,234
60-64	10,654,272
65-69	9,409,940
70-74	8,725,574
75-79	7,414,559
80-84	4,900,234
85+	4,259,173
All ages	274,633,642

## Appendix 6

### Five-Year Populations by Race, Sex, and Age, 1999-2003 Louisiana

	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
00 years	326,233	166,537	159,696	182,259	93,283	88,976	137,643	70,025	67,618
01-04 years	1,265,733	645,451	620,282	722,168	368,957	353,211	517,350	262,994	254,356
05-09 years	1,629,722	834,027	795,695	923,154	474,353	448,801	672,242	341,990	330,252
10-14 years	1,717,191	877,717	839,474	984,684	505,273	479,411	695,622	353,244	342,378
15-19 years	1,794,344	910,000	884,344	1,046,156	534,522	511,634	709,030	355,222	353,808
20-24 years	1,701,723	845,812	855,911	1,031,790	522,528	509,262	628,440	301,589	326,851
25-29 years	1,473,252	725,172	748,080	934,585	472,179	462,406	498,653	232,423	266,230
30-34 years	1,503,853	737,509	766,344	985,269	496,547	488,722	481,187	222,149	259,038
35-39 years	1,647,380	801,738	845,642	1,089,243	545,023	544,220	521,508	238,054	283,454
40-44 years	1,732,917	845,363	887,554	1,163,626	583,466	580,160	534,136	244,780	289,356
45-49 years	1,611,634	785,420	826,214	1,091,638	546,860	544,778	488,063	223,227	264,836
50-54 years	1,399,734	679,400	720,334	978,267	485,666	492,601	394,807	181,015	213,792
55-59 years	1,092,284	522,639	569,645	792,932	387,596	405,336	280,283	125,759	154,524
60-64 years	876,750	410,999	465,751	642,115	308,028	334,087	221,208	96,399	124,809
65-69 years	736,436	334,869	401,567	545,263	253,748	291,515	181,432	76,445	104,987
70-74 years	666,286	286,045	380,241	507,487	222,750	284,737	151,557	60,105	91,452
75-79 years	540,679	218,535	322,144	419,386	172,328	247,058	116,907	44,283	72,624
80-84 years	357,870	128,051	229,819	278,717	100,391	178,326	76,745	26,602	50,143
85+ years	293,664	83,293	210,371	220,286	61,104	159,182	71,368	21,446	49,922
Totals	22,367,685	10,838,577	11,529,108	14,539,025	7,134,602	7,404,423	7,378,181	3,477,751	3,900,430

### Appendix 6 (continued)

### Five-Year Populations by Race, Sex, and Age, 1999-2003 North Louisiana

	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
00 years	86,264	44,176	42,088	47,296	24,324	22,972	37,815	19,253	18,562
01-04 years	332,725	169,424	163,301	186,183	94,921	91,262	141,802	72,126	69,676
05-09 years	419,562	214,591	204,971	232,049	119,406	112,643	181,549	92,200	89,349
10-14 years	448,494	229,319	219,175	248,122	127,467	120,655	193,696	98,326	95,370
15-19 years	480,023	245,216	234,807	270,798	138,741	132,057	202,049	102,759	99,290
20-24 years	456,959	232,877	224,082	268,938	139,555	129,383	180,308	89,200	91,108
25-29 years	378,172	188,258	189,914	236,841	121,038	115,803	134,016	63,541	70,475
30-34 years	374,040	184,753	189,287	238,946	121,287	117,659	128,323	60,338	67,985
35-39 years	406,577	199,030	207,547	263,005	132,615	130,390	136,657	63,196	73,461
40-44 years	427,540	207,743	219,797	280,335	140,057	140,278	140,621	64,726	75,895
45-49 years	403,145	195,572	207,573	266,939	133,095	133,844	130,431	59,972	70,459
50-54 years	355,926	171,763	184,163	246,652	121,729	124,923	104,141	47,936	56,205
55-59 years	287,716	136,295	151,421	209,670	101,215	108,455	74,163	33,504	40,659
60-64 years	245,738	114,173	131,565	182,730	86,789	95,941	60,089	26,073	34,016
65-69 years	216,436	98,085	118,351	161,681	75,579	86,102	52,617	21,584	31,033
70-74 years	193,239	82,310	110,929	145,082	63,899	81,183	46,562	17,771	28,791
75-79 years	157,117	62,125	94,992	119,352	48,316	71,036	36,813	13,427	23,386
80-84 years	110,373	38,952	71,421	83,675	29,903	53,772	26,150	8,818	17,332
85+ years	95,510	27,075	68,435	67,911	18,968	48,943	27,144	7,959	19,185
Totals	5,875,556	2,841,737	3,033,819	3,756,205	1,838,904	1,917,301	2,034,946	962,709	1,072,237

North Louisiana includes Avoyelles, Bienville, Bossier, Caddo, Caldwell, Catahoula, Claiborne, Concordia, De Soto, East Carroll, Franklin, Grant, Jackson, La Salle, Lincoln, Madison, Morehouse, Natchitoches, Ouachita, Rapides, Red River, Richland, Sabine, Tensas, Union, Vernon, Webster, West Carroll, and Winn parishes.

### Appendix 6 (continued)

### Five-Year Populations by Race, Sex, and Age, 1999-2003 South Louisiana

	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
00 years	239,969	122,361	117,608	134,963	68,959	66,004	99,828	50,772	49,056
01-04 years	933,008	476,027	456,981	535,985	274,036	261,949	375,548	190,868	184,680
05-09 years	1,210,160	619,436	590,724	691,105	354,947	336,158	490,693	249,790	240,903
10-14 years	1,268,697	648,398	620,299	736,562	377,806	358,756	501,926	254,918	247,008
15-19 years	1,314,321	664,784	649,537	775,358	395,781	379,577	506,981	252,463	254,518
20-24 years	1,244,764	612,935	631,829	762,852	382,973	379,879	448,132	212,389	235,743
25-29 years	1,095,080	536,914	558,166	697,744	351,141	346,603	364,637	168,882	195,755
30-34 years	1,129,813	552,756	577,057	746,323	375,260	371,063	352,864	161,811	191,053
35-39 years	1,240,803	602,708	638,095	826,238	412,408	413,830	384,851	174,858	209,993
40-44 years	1,305,377	637,620	667,757	883,291	443,409	439,882	393,515	180,054	213,461
45-49 years	1,208,489	589,848	618,641	824,699	413,765	410,934	357,632	163,255	194,377
50-54 years	1,043,808	507,637	536,171	731,615	363,937	367,678	290,666	133,079	157,587
55-59 years	804,568	386,344	418,224	583,262	286,381	296,881	206,120	92,255	113,865
60-64 years	631,012	296,826	334,186	459,385	221,239	238,146	161,119	70,326	90,793
65-69 years	520,000	236,784	283,216	383,582	178,169	205,413	128,815	54,861	73,954
70-74 years	473,047	203,735	269,312	362,405	158,851	203,554	104,995	42,334	62,661
75-79 years	383,562	156,410	227,152	300,034	124,012	176,022	80,094	30,856	49,238
80-84 years	247,497	89,099	158,398	195,042	70,488	124,554	50,595	17,784	32,811
85+ years	198,154	56,218	141,936	152,375	42,136	110,239	44,224	13,487	30,737
Totals	16,492,129	7,996,840	8,495,289	10,782,820	5,295,698	5,487,122	5,343,235	2,515,042	2,828,193

South Louisiana includes Acadia, Allen, Ascension, Assumption, Beauregard, Calcasieu, Cameron, East Baton Rouge, East Feliciana, Evangeline, Iberia, Iberville, Jefferson, Jefferson Davis, Lafayette, Lafourche, Livingston, Orleans, Plaquemines, Pointe Coupee, St. Bernard, St. Charles, St. Helena, St. James, St. John the Baptist, St. Landry, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terrebonne, Vermilion, Washington, West Baton Rouge, and West Feliciana parishes.