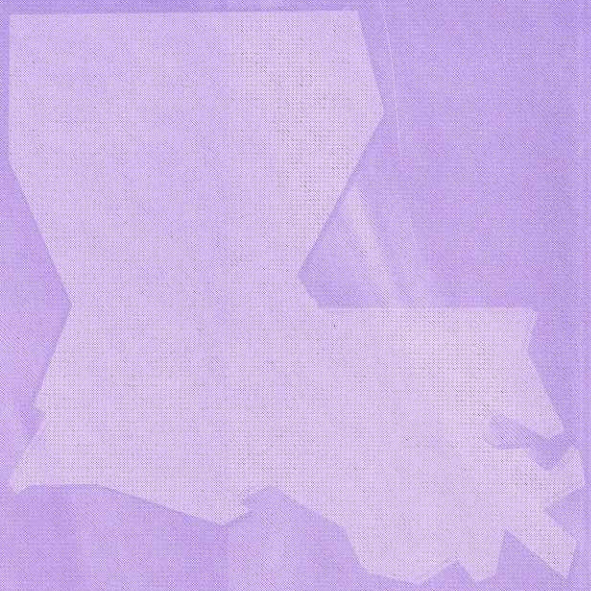
Cancer in Louisiana

Volume 15



Cancer Incidence and Mortality in Louisiana 1994 - 1998

Cancer in Louisiana

Volume 15

Cancer Incidence and Mortality in Louisiana, 1994-1998

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Summary

The Louisiana Tumor Registry (LTR) is pleased to release *Cancer in Louisiana,* Volume 15, which provides statewide statistics on cancer incidence and mortality for the years 1994–1998. It also includes incidence statistics for the Industrial Corridor and compares state and national figures for incidence and mortality.

The monograph results from a collaborative effort of the LTR central office, its regional registries, hospital registries, other facilities in Louisiana, and the central registries of neighboring states. The LTR is grateful for the assistance and cooperation of all of these groups.

The data in this volume provide an accurate, meaningful description of cancer incidence and mortality in the state. A summary of the findings is presented below.

Incidence

- During this five-year period, 94,439 new cases of invasive cancer were diagnosed among Louisiana residents, averaging 18,888 a year, or about 52 cases a day (Table A1).

- The incidence rate for all cancers combined in Louisiana was 55% higher for males than for females. It is also higher for males nationally.

- The five most commonly diagnosed cancers among Louisiana males were those of the prostate (29% of all new cases), lung (20%), colorectum (11%), and bladder (5%) and non-Hodgkin's lymphoma (4%) (Table A2).

- The five most commonly diagnosed cancers among Louisiana females were cancers of the breast (33%), lung (13%), colorectum (12%), and uterine corpus (4%) and non-Hodgkin's lymphoma (4%) (Table A2).

- The incidence rate for all cancers combined was about 16% higher for black males (567.0 per 100,000) than for white males (487.4), and it was slightly lower for black females (314.4 per 100,000) than for white females (328.5) in Louisiana (Table C1).

- Louisiana incidence rates were generally lower than nationwide incidence rates. The only exception was Louisiana white males, with rates 5% higher than their national counterparts (Table H1).

Mortality

- During this five-year period, 46,290 Louisiana residents died of cancer, averaging 9,258 per year, or 25 per day (Table M1).
- The mortality rate for all cancers combined was 65% higher for males (248.7 per 100,000) than for females (150.4 per 100,000) (Table M3).
- The five leading causes of cancer death were lung (2,753 per year), colorectum (925), breast (707), prostate (585), and pancreas (485) (Table M1).
- Among males, the most common causes of cancer death were those of the lung (35% of total cancer deaths among men), prostate (12%), colorectum (9%), and pancreas (5%) and non-Hodgkin's lymphoma (4%). The same pattern occurs nationally (Table M2).
- Among females, the most common causes of cancer death were those of the lung (24% of all cancer deaths among women), breast (16%), colorectum (11%), pancreas (6%), and ovary (4%). These are also the leading causes of cancer deaths nationwide (Table M2).
- A total of 482 Louisiana women died from cervical cancer during these five years. With early detection and prompt treatment, these deaths could have been avoided (Table M1).
- Mortality rates for all cancers combined were considerably higher in Louisiana than nationwide for all four race/sex groupings (Table N).

Introduction to the Louisiana Tumor Registry

Purpose of the Registry

The Louisiana Tumor Registry (LTR) is mandated by law to collect, analyze and disseminate information on cancer in Louisiana. This statewide population-based cancer registry computes cancer incidence rates by age, race, sex, geographic region, and other population characteristics to identify subgroups in Louisiana that may be at particularly high or low cancer risk. Cancer incidence and mortality rates are also monitored over time. In addition, when funding is provided, the LTR conducts special cancer research studies, usually in collaboration with other researchers and institutions. These include studies of risk factors and patterns of care. Registry data provide the foundation for studies evaluating the efficacy of clinical therapies, changes in diagnostic procedures, public awareness campaigns and other cancer control initiatives, including screening programs.

This publication documents the occurrence of cancer in Louisiana, to identify those who can benefit most from cancer prevention and control programs and to indicate areas where scientific investigation is particularly needed.

History of the Registry

Cancer registration in Louisiana began in 1947 with the Charity Hospital Tumor Registry in New Orleans. This registry produced valuable data on treatment and survival, particularly among blacks, for the National Cancer Institute's (NCI) pre-1973 publications on "end results." Because the regitry data were limited to patients receiving services in Charity Hospital, the reported cancer incidence statistics could not be generalized to Louisiana as a whole.

Population-based cancer registration began in New Orleans in 1974. The NCI provided funds for a population-based incidence and survival registry to cover the three parishes of the Greater New Orleans area as part of its Surveillance, Epidemiology and End Results (SEER) Program. Data from the Louisiana Tumor Registry were included in the 1974–1977 SEER calculations of "national" cancer incidence rates. In 1979 the LTR was transferred to the state Office of Public Health, and federal funding ceased the next year. The catchment area for the LTR expanded in 1983 to include 35 south Louisiana parishes (Regions I–V), the addition of the remaining 29 northern parishes (Regions VI–VIII) in 1988 resulted in statewide coverage. In 1995, the registry was transferred to the LSU Board of Supervisors. Since then, the LSU Health Sciences Center (formerly the LSU Medical Center) in New Orleans has been responsible for the cancer registry program and has provided much of its funding.

The Louisiana Legislature has established broad guidelines for the creation and functioning of the Louisiana Tumor Registry. The operations of the registry are mandated by public law, R.S. 40:1299.80 et seq., which directs all medical facilities and health care providers to report all cancer cases to the registry. The same regulations mandate strict confidentiality of all data.

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 6). Vivien W. Chen, Ph.D., became director of the registry in 1991. In 2001 Louisiana was invited to rejoin the SEER Program as a probationary member.

Publication of the LTR Data

The *Cancer in Louisiana*[1–14] series is the LTR's principal document for reporting cancer statistics. Volumes 1–14 have focused on the following:

1: Incidence, New Orleans area, 1974–1978; mortality, statewide, 1960–1981
2: Mortality, statewide, 1970–1979
3: Incidence, New Orleans vs. SEER areas, 1974–1981
4: Mortality trends, statewide, 1974–1981
5: Pediatric cancers, New Orleans area,

1974–1983
6–7: Incidence, South Louisiana, 1983–1986
8: Incidence, statewide and by region, 1988–1992
9: Incidence and mortality, 1989–1993
10: Incidence and mortality, 1990–1994
11: Incidence and mortality, 1991–1995
12: Incidence and mortality, 1992–1996
13: Incidence and mortality, 1993–1997
14: Pediatric cancer, 1988–1996

LTR cancer incidence data are published yearly in the *Journal of the Louisiana State Medical Society.* In addition, *Cancer Incidence in Five Continents,* the authoritative source on worldwide cancer incidence, solicited data for the New Orleans region from the LTR for publication in its last four volumes. Central Louisiana was added to the most recent volume of this series.[15] The North American Association of Central Cancer Registries (NAACCR) has included Louisiana incidence rates in all volumes of *Cancer in North America (CINA).* In the 2002 *CINA* publication[16] the Louisiana data again qualified for inclusion in the U.S. Combined Cancer Incidence Rates.

Operations of the Registry

Central and Regional Registries

The Louisiana Tumor Registry is composed of a central office and eight regional offices. The regions, based on historic health districts, are described on page 5. Each regional registry abstracts, compiles, stores, and edits data on cancer cases diagnosed in its parishes. The central registry consolidates, processes, and edits data from the regional registries, monitors completeness of case ascertainment, provides quality assurance services, and analyzes and interprets the statistical information derived from the data.

The LSU Health Sciences Center operates the LTR central office as well as the regional offices in Regions I, III, and VII. Local academic and medical organizations with cancer research and treatment interests coordinate the data collection activities in the five remaining regional registries (Regions II, IV, V, VI, VIII).

Collection of Incidence Data

Each regional office is responsible for the complete ascertainment of all data on cancer diagnoses and treatments provided in its region within six months of diagnosis. Every healthcare provider is required by law to report this information, and the regional offices work with providers to ensure full coverage. About one fourth of all hospitals in Louisiana maintain their own cancer registries and report about 60% of the state's total number of incident cases. Abstractors from the LTR's eight regional offices record cases from the remaining hospitals as well as from independent radiation centers and pathology labs.

Interstate exchange of data began in 1997. This permits the LTR to obtain cancer incidence data on Louisiana residents who have traveled out of Louisiana for cancer diagnosis and/or treatment. This exchange of data ensures a higher level of case ascertainment and completeness. Strict policies on patient confidentiality are followed.

Mandatory screening of records for cancer cases in medical facilities where cancer is diagnosed or treated has been an integral part of the success of the LTR. These sources include:

- hospitals
- private pathology laboratories
- freestanding radiation centers
- dermatology clinics
- one-day surgery facilities
- all other healthcare providers, including physician offices, if patients do not receive cancer-related services in the above places
- death certificates files

Most cancer cases are identified in hospitals by screening many types of records, such as:

- pathology reports including tissue (histology), cytology, hematology, bone marrow, and autopsy findings
- disease indices
- outpatient records
- radiation therapy logs
- radiology logs, including scans
- oncology services

Louisiana Tumor Registry

All death certificates with cancer mentioned as a cause of death for a Louisiana resident are checked against the registry's master file. If a match is not found, registry personnel review charts at the facility where the death was recorded, i.e., hospitals, nursing homes and coroners' offices. If the chart contains no mention of cancer or if the death occurred at home, the physician who signed the death certificate is queried. If the physician cannot be contacted or cannot provide information, the case is considered a "death-certificate-only" case and the date of death is recorded as the date of diagnosis. For the years 1994–1998, 1.6% of the LTR's incidence cases were identified by death certificate only; this was lower than figure for those NAACCR registries certified to be included in the U.S. Combined Rates.[16]

Demographic data on patients and detailed information on each primary tumor, including site, histology, staging information and diagnostic procedures, are collected on each cancer case. The first course of cancer-directed treatment planned or received during the four months following diagnosis is also recorded.

Primary site and morphology are coded according to the *International Classification of Diseases for Oncology, Second Edition* (ICD-O-2)[17] or the *International Classification of Diseases for Oncology, Third Edition* (ICD-O-3).[18] Stage of disease and other variables are coded following the conventions of NAACCR,[19] the SEER Program,[20] and the American College of Surgeons.[21]

Reportable Diagnoses

The Louisiana Tumor Registry requires that all in situ and invasive neoplasms (those with behavior codes 2 or 3 as classified in the ICD-O-2 or ICD-O-3) be reported. Two types of cancer with these behavior codes are exceptions:

- Carcinoma in situ of the cervix has not been reported since 1992.
- Basal cell and squamous cell carcinomas of the skin are not reportable.

Data Quality

Quality assurance procedures at the regional and central levels minimize abstracting and coding errors. For many variables, the data entry software does not allow the use of invalid codes or the omission of required information. Each regional registry is responsible, according to its contract with the LSU Health Sciences Center, for the quality of the data collected. Regional supervisors edit abstracts for completeness and accuracy and run computerized edits on specific variables before submitting records to the central office. They also monitor the completeness of reporting and the quality of data by rescreening records at health care facilities and reabstracting a sample of cases for each abstractor.

The LTR central office staff extensively edits cases received from the regional registries. Emphasis is placed on key variables, such as age, race, sex, and parish of residence, as well as on the interpretation and coding of the primary anatomical site, staging information, diagnostic confirmation, and therapy received. Computerized edits check for duplicate cases and for other errors or inconsistencies, such as unlikely sex/site, site/morphology, or site/age combinations. When a cancer case is reported from more than one source, the information is consolidated into one record. Inter-record comparisons for patients with more than one primary cancer ensure that the demographic data are accurate on each record.

Frequency tabulations of variables such as percentages of cases microscopically confirmed or identified by death certificate only are compared with corresponding figures from NAACCR. If the LTR data diverge from these "gold standards," investigations and special studies are performed. Ratios of incidence to mortality also provide clues about reporting completeness.

After a region completes its case reporting for a given diagnosis year, a quality control (QC) supervisor from the LTR central office conducts field audits on cases from that region. The QC supervisor visits a sample of hospitals to evaluate

the thoroughness of case finding and the accuracy of abstracting and coding. Periodic training sessions and workshops are held to ensure that regional and hospital registrars are following standard procedures.

Louisiana data have been further scrutinized by external auditors. Data for the diagnosis year 1992 were subjected to a statewide rescreening and reabstracting audit by staff of NAACCR, which found the LTR's reporting of cancer cases to be 97.6% complete. This exceeded the NAACCR goal of 95% for completeness of case ascertainment. In addition, these independent auditors identified only 0.05% of the cases as unresolved duplicates.

To enhance the quality of cancer incidence data across the United States, NAACCR sets standards for quality and completeness in cancer reporting. Data from registries that meet those standards are used to calculate the "U.S. Combined Cancer Incidence Rates" in NAACCR's annual publication, *Cancer in North America (CINA).*[16] Louisiana's data have qualified for inclusion in the "U.S. Combined Cancer Incidence Rates" for all *CINA* volumes.

Beginning in 1997, NAACCR began the formal process of certifying registries whose data have achieved "excellence in the areas of completeness, quality, and timeliness." Since the inception of this program, the Louisiana Tumor Registry has been awarded certification each year; in 2001 and 2002 Louisiana was certified at the "gold" level.

The World Health Organization's International Association for Research on Cancer included both the New Orleans region and the Central Louisiana region in its most recent volume of *Cancer Incidence in Five Continents.*[15] A rigorous editing process for demographic and medical accuracy precedes acceptance of data for this publication.

Confidentiality of Data

Louisiana law demands strict confidentiality and the protection of the identity of cancer patients and report sources in registry data. The same law also protects participating facilities or physicians from any liability that may arise from their reporting to the registry program. Registry personnel sign an "Agreement to Maintain Confidentiality of Data" and are subject to penalty if they, through gross negligence or willful misconduct, disclose confidential data. The LTR's data are published in aggregate form only.

Regions of the Louisiana Tumor Registry

Regional registry	*Beginning date*	*Average annual population, 1994–98*	*Parishes covered*
		South Louisiana	
New Orleans (Region I)	1974	994,183	Jefferson, Orleans, St. Bernard
Baton Rouge (Region II)	1983	780,525	Ascension, Assumption, East Baton Rouge, East Feliciana, Iberville, Livingston, Pointe Coupée, St. Helena, Tangipahoa, West Baton Rouge, West Feliciana
Southeast Louisiana (Region III)	1983	546,839	Lafourche, Plaquemines, St. Charles, St. James, St. John, St. Tammany, Terrebonne, Washington
Acadiana (Region IV)	1983	581,997	Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Martin, St. Mary, Vermilion
Southwest Louisiana (Region V)	1983	273,224	Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis
		North Louisiana	
Central Louisiana (Region VI)	1988	302,351	Avoyelles, Catahoula, Concordia, Grant, La Salle, Rapides, Vernon, Winn
Northwest Louisiana (Region VII)	1988	506,793	Bienville, Bossier, Caddo, Claiborne, DeSoto, Natchitoches, Red River, Sabine, Webster
Northeast Louisiana (Region VIII)	1988	351,709	Caldwell, East Carroll, Franklin, Jackson, Lincoln, Madison, Morehouse, Ouachita, Richland, Tensas, Union, West Carroll
Entire state	1988	4,337,621	

Source: U.S. Bureau of Census (2000)

Acknowledgments

Louisiana Cancer and Lung Trust Fund Board: Organizations and Representatives (2002)

Acadiana Medical Research Foundation: John M. Rainey, MD
American Cancer Society: Charles L. Brown, Jr., MD
American Heart Association: Jack P. Strong, MD
American Lung Association: Mitchell Friedman, MD
Leukemia Society of America: Carl G. Kardinal, MD
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Regions I and III

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Phone: (504) 680-9060
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Region II

Baton Rouge Regional Tumor Registry
4950 Essen Lane
Baton Rouge, LA 70809

Phone: (225) 215-1237
Fax: (225) 215-1356

Region IV

Acadiana Tumor Registry
1204 Johnston Street
Lafayette, LA 70503

Phone: (337) 237-5398
Fax: (337) 235-9436

Region V

Southwest La. Regional Tumor 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 VI and VIII

Northeast/Central Louisiana Regional Tumor Registry
CNSB Room 221
University of Louisiana at Monroe
700 University Avenue
Monroe, LA 71209-6604

Phone:(318) 342-1736
Fax: (318) 342-1824

Region VII

Northwest Louisiana Regional Tumor Registry

Contact the Louisiana Tumor Registry office.

Presentation of Data

Data Arrangement

Volume 15 of *Cancer in Louisiana* presents cancer incidence and mortality information about residents of Louisiana diagnosed with cancer between January 1, 1994, and December 31, 1998. These data are organized into seven sections of incidence information (Tables A–C and F–I) and two sections of mortality information (Tables M–N). Invasive cancers are arranged following the SEER Program's groupings. Carcinomas in situ of the breast are listed separately from the invasive cancers and are excluded from the "all sites" total.

To protect the confidentiality of patients, counts of less than six are suppressed. Rates are not computed for these cells. Suppressed cells are indicated by a tilde (~) in the tables.

Cancer Counts and Percent Distribution

Tables A1–A6 present total counts and percent distributions of cancer cases for Louisiana, South Louisiana and North Louisiana. Tables B1–B3 show the percentage of microscopically (pathologically) confirmed cancer cases, the percentage of cases reported by death certificates only and the percentage of cases with unknown race. The information in Tables B1–B3 indicates the reliability, completeness and quality of registry data compared with national standards (SEER and NAACCR). Number and percent distribution of cancer deaths are presented in Tables M1–M2.

Average Annual Age-Adjusted Rates

Tables C1–C3 present the cancer incidence rates for Louisiana, South Louisiana and North Louisiana, and Tables F1–F9 provide this information for each of the eight Louisiana regions (see table, page 5). The national annual incidence rates calculated by the SEER Program are found in Table H1 for comparison with the Louisiana rates.

Table I compares the average annual age-adjusted incidence rates for the seven-parish Industrial Corridor in Louisiana with the U.S. (SEER) rates. The Industrial Corridor consists of East Baton Rouge, West Baton Rouge, Iberville, Ascension, St. John the Baptist, St. James, and St. Charles parishes.

Table M3 presents the cancer mortality rates for Louisiana while Table N compares the Louisiana mortality rates with the U.S. rates.

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

Rates in this monograph are age adjusted to the 1970 U.S. standard population (see Appendix 3). Beginning with 1995–1999 data, however, all rates will be age adjusted to the 2000 U.S. standard population. Because the U.S. in 2000 is older than it was in 1970, the new standard will cause most rates to appear to rise markedly. Thus, incidence and mortality rates in future volumes should not be compared with those in this volume or previous volumes.

Ten Most Common Cancers

Tables G1–G4 show the average annual age-adjusted incidence rates for the ten most common cancers in Louisiana and in each of Louisiana's eight regions. Separate tables are provided for white males, white females, black males and black females.

Cancer Cases

Incidence data contained in this report are based on cases of primary cancer diagnosed among Louisiana residents between January 1, 1994, and December 31, 1998. Except where indicated, all only invasive cancers are included.

An incident case is defined as a "primary" cancer in contrast to a cancer that has spread, or metastasized, from another site. Since individuals can have more than one primary cancer, the number of incident cases will be greater than the number of persons who have been diagnosed with cancer. In a five-year period the number of primary cancers diagnosed in Louisiana is about 5% higher than the number of cancer patients.

The LTR follows standard protocols when computing and publishing cancer incidence data. Published data can be more readily compared with data from other registries when similar conventions are followed. These include:

- Primary site and histologic type are coded and reported according to the *International Classification of Diseases for Oncology, Second Edition* (ICD-O-2).[17]
- Sites are grouped according to code groupings of the SEER Program of the National Cancer Institute. These appear in Appendix 1.
- With the exception of bladder cancer, only invasive neoplasms are included in the tables. For cancers of the bladder, both in situ and invasive cases are included in the tables.
- Basal cell and squamous cell carcinomas of the skin are excluded.
- Neoplasms of the lymphatic, hematopoietic, and reticuloendothelial systems are grouped by their histologies (i.e. leukemias, lymphomas), not by the anatomical sites where they are diagnosed.

A total of 94,439 cases of invasive cancer were diagnosed from 1994 through 1998. Less than 1% of these 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. A high proportion of cases with unknown race can result in an underestimate of the "true" rates of the race group to which they belong. Cases of unknown or ill-defined site accounted for 2,983 (3%) of all Louisiana incident cancer cases. These cases were included in the counts and rates for cancer all sites. The coding of cancer as unknown or ill-defined exerts a downward effect on the rates of the site-specific cancers.

Cancer Deaths

Information on residents of Louisiana who died with cancer during the period 1994–1998 was extracted from death certificate files obtained from the State Center for Health Statistics in the Louisiana Office of Public Health. Deaths are attributed to a specific cancer if the certifying physician lists it as the underlying cause of death.

The anatomical site group codes utilized for the mortality data are displayed in Appendix 2. These site groupings were developed by the SEER Program of the National Cancer Institute using codes from the *International Classification of Diseases, 9th Revision.*[22]

Race

Race and ethnicity for cancer cases are based primarily on information contained in a patient's medical record. This information may include self-identification by the patient or the observations of an admissions clerk or other medical personnel. Race and ethnicity for cancer deaths are based on information on death certificates completed by a physician or coroner. The LTR has made great efforts to resolve discrepancies although some differences are still likely to exist.

Louisiana cancer incidence and mortality data include the racial categories of white, black and all races combined. Other groups were not analyzed separately because of their small numbers.

Comparison Groups

Incidence

National estimates of the average annual age-adjusted incidence rates were calculated from two sample populations:

- the "U.S. Combined Incidence Rate" of the North American Association of Cen-tral Cancer Registries (NAACCR).[16]

The SEER Program estimates in this volume include data from five state registries (Connecticut, Hawaii, Iowa, New Mexico and Utah) and four metropolitan areas (Detroit, Atlanta, San Francisco/Oakland and Seattle/Puget Sound). These registries represented about 10% of the U.S. population. Data from the 11 SEER geographic areas now represent an estimated 14% of the U.S. population. Data from the SEER Program are recognized for their high quality, and SEER computations have been traditionally cited as national estimates.

NAACCR's publication, *Cancer in North America,*[16] includes a "U.S. Combined Cancer Incidence Rate," which presents incidence rates on the basis of data from selected state and metropolitan registries. These registries were selected because they meet or exceed the NAACCR criteria for data quality and complete-ness of reporting. The resulting national incidence rates represent about half the total U.S. population and include data from the SEER registries. The NAACCR "U.S. Combined Cancer Incidence Rates" are generally similar to the SEER estimates for the nation.

Mortality

Mortality rates 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 were obtained from the National Cancer Institute and are based on the U.S. Census Bureau's estimates of the populations for the years 1994–1998. The estimated five-year populations are presented in Appendix 4.

Cautions in Interpretation

Incidence or mortality rates for many age/sex/race groups are 0.0. This indicates either that only a few cases were recorded, producing an annual rate of less than 0.05 per 100,000 or that no cases were reported for that group. Exact incidence and death counts (of six or more) for the state are available in Tables A1 and M1. Counts smaller than six are represented by a tilde (~) to protect the confiden-tiality of cases.

In comparing rates among geographic areas it is important to keep in mind that a variety of factors —other than a true difference in the risk of developing or dying from cancer—can contribute to variation in cancer rates. Some variation in cancer rates could occur by chance. Geographic variation should, therefore, be interpreted with caution and should be used to generate, not test, hypotheses.

Abbreviations Used in This Volume

LTR	Louisiana Tumor Registry
NAACCR	North American Association of Central Cancer Registries
--	Not Applicable
NOS	Not Otherwise Specified
SEER	Surveillance, Epidemiology and End Results Program of the National Cancer Institute
~	Case count is less than 6.

References

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

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

3. Correa P, Chen VW, Craig JF, Groves FD. *Cancer in Louisiana,* vol. 3. Baton Rouge: Louisiana Division of Administration, [1986].

4. Chen VW, Craig JF, Correa P, Groves FD, Ballinger TE, Zavala DE. *Cancer in Louisiana,* vol. 4. Baton Rouge: LSU Graphic Services, 1987.

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

6. 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.)

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

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

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.)

10. 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.)

11. 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.)

12. Correa CN, Wu XC, Andrews PA, Ahmed MN, Schmidt BA, Chen VW. *Cancer Incidence and Mortality in Louisiana, 1992–1996.* New Orleans: Louisiana Tumor Registry, 2000. *(Cancer in Louisiana;* vol. 12.)

13. 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.)

14. 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.)

References

15. Parkin DM, Whelan SL, Ferlay J, Raymond L, Young J (eds). *Cancer Incidence in Five Continents,* vol. 7. Lyon, France: International Association for Research on Cancer and International Association of Cancer Registries, 1997. (IARC Scientific Pub. No. 143.)

16. Wu XC, Hotes LJ, Fulton JP, Cormier M, Correa CN, McLaughlin CC, Kosary C, Howe HL, Chen VW (eds). *Cancer in North America, 1995–1999.* 2 vols. Springfield, Ill: North American Association of Central Cancer Registries, 2002.

17. Percy C, Van Holten V, Muir C. *International Classification of Diseases for Oncology.* 2nd ed. Geneva, Switzerland: World Health Organization, 1990.

18. Fritz A, Percy C, Jack A, Shanmugaratnam K, Sobin L, Parkin M, Whelan S. *International Classification of Diseases for Oncology.* Geneva: World Health Organization, 2000.

19. Hultstrom D (ed). *Data Standards and Data Dictionary.* 6th ed. Springfield, Ill: North American Association of Central Cancer Registries, 2001. (*Standards for Cancer Registries;* vol. 2.)

20. Fritz A, Ries L. *SEER Program Code Manual,* 3rd ed. [Bethesda, Md]: Cancer Statistics Branch, National Cancer Institute, 1998.

21. Commission on Cancer. *Registry Operations and Data Standards (ROADS).* Chicago, Ill: American College of Surgeons, 1996. *(Standards of the Commission on Cancer;* vol.2.)

22. Health Care Financing Administration. *The International Classification of Disease, Clinical Modification, 9th Revision (ICD-9-CM).* 4th edition. Washington, DC: U.S. Public Health Service, 1991.

22. Ries LAG, Eisner MP, Kosary CL, Hankey BF, Miller BA, Clegg L, Edwards BK (eds). *SEER Cancer Statistics Review, 1973–1998.* National Cancer Institute, 2001. Bethesda, Md. Available on the Internet: http://seer.cancer.gov/csr/1973_1998.

TABLES: INCIDENCE

TABLE A1 - NUMBER OF CANCER CASES BY PRIMARY SITE, RACE AND SEX, LOUISIANA, 1994-1998

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
INVASIVE CANCERS									
All Sites	94439	50691	43748	69399	37090	32309	24270	13191	11079
Oral Cavity & Pharynx	2411	1676	735	1797	1236	561	588	423	165
Lip	206	176	30	196	170	26	10	6	~
Tongue	544	370	174	418	276	142	120	88	32
Salivary gland	230	126	104	187	106	81	38	20	18
Floor of mouth	231	168	63	160	116	44	68	49	19
Gum & other mouth	397	231	166	281	156	125	113	73	40
Nasopharynx	149	93	56	102	63	39	39	25	14
Tonsil	264	206	58	197	150	47	67	56	11
Oropharynx	94	79	15	63	52	11	31	27	~
Hypopharynx	207	162	45	139	108	31	67	53	14
Other	89	65	24	54	39	15	35	26	9
Digestive System	18590	9924	8666	13104	7099	6005	5329	2731	2598
Esophagus	1066	774	292	639	465	174	417	302	115
Stomach	1797	1112	685	1016	632	384	754	463	291
Small intestine	335	165	170	222	108	114	112	56	56
Colon & rectum	11119	5691	5428	8236	4317	3919	2810	1330	1480
Colon	8143	4002	4141	5980	2991	2989	2124	985	1139
Rectum & rectosigmoid	2976	1689	1287	2256	1326	930	686	345	341
Anus, anal canal & anorectum	270	106	164	210	85	125	60	21	39
Liver & Intrahepatic bile ducts	903	591	312	624	416	208	251	156	95
Liver	802	541	261	551	377	174	224	145	79
Intrahepatic bile ducts	101	50	51	73	39	34	27	11	16
Gallbladder	215	60	155	137	41	96	76	18	58
Other biliary tract	240	121	119	186	96	90	49	24	25
Pancreas	2517	1242	1275	1744	895	849	763	344	419
Retroperitoneum	41	23	18	32	20	12	9	~	6
Peritoneum, omentum & mesentery	36	12	24	28	9	19	7	~	~
Other	51	27	24	30	15	15	21	12	9
Respiratory System	18066	11589	6477	13275	8258	5017	4696	3269	1427
Nose, nasal cavity & middle ear	157	100	57	117	69	48	40	31	9
Larynx	1311	1041	270	876	680	196	422	349	73
Lung & bronchus	16306	10225	6081	12042	7320	4722	4183	2856	1327
Pleura	252	193	59	215	170	45	37	23	14
Trachea & other	40	30	10	25	19	6	14	10	~
Bones & Joints	172	90	82	116	55	61	49	30	19
Soft Tissues (incl heart)	569	314	255	378	213	165	186	98	88
Skin (exclude basal & squamous)	2119	1273	846	1886	1138	748	184	115	69
Melanomas of skin	1600	907	693	1511	871	640	46	19	27
Other non-epithelial skin	519	366	153	375	267	108	138	96	42
Breast	13214	152	13062	9862	101	9761	3252	49	3203

Female Genital System----------	5041	-	5041	3484	-	3484	1504	-	1504
Cervix uteri----------	1275	-	1275	665	-	665	588	-	588
Corpus uteri----------	1870	-	1870	1394	-	1394	459	-	459
Uterus, NOS----------	91	-	91	53	-	53	37	-	37
Ovary----------	1381	-	1381	1061	-	1061	311	-	311
Vagina----------	111	-	111	64	-	64	44	-	44
Vulva----------	266	-	266	210	-	210	55	-	55
Other----------	47	-	47	37	-	37	10	-	10
Male Genital System----------	15072	15072	-	10606	10606	-	4327	4327	-
Prostate ----------	14521	14521	-	10132	10132	-	4254	4254	-
Testis----------	431	431	-	389	389	-	38	38	-
Penis----------	102	102	-	73	73	-	29	29	-
Other----------	18	18	-	12	12	-	6	6	-
Urinary System----------	6427	4268	2159	5209	3538	1671	1190	713	477
Urinary bladder (incl in situ)--	3630	2637	993	3079	2270	809	531	354	177
Kidney & renal pelvis----------	2632	1529	1103	1997	1184	813	627	341	286
Ureter----------	130	79	51	114	70	44	16	9	7
Other----------	35	23	12	19	14	~	16	9	7
Eye & Orbit----------	140	77	63	124	67	57	14	8	6
Brain & Nervous System----------	1272	678	594	1018	555	463	243	119	124
Brain----------	1199	639	560	972	526	446	218	110	108
Cranial nerves & other----------	73	39	34	46	29	17	25	9	16
Endocrine System----------	1134	302	832	894	258	636	229	40	189
Thyroid----------	1014	239	775	810	210	600	195	27	168
Thymus & other----------	120	63	57	84	48	36	34	13	21
Lymphomas----------	3985	2070	1915	3235	1690	1545	709	357	352
Hodgkin's disease----------	537	291	246	433	242	191	98	46	52
Non-Hodgkin's lymphoma----------	3448	1779	1669	2802	1448	1354	611	311	300
Multiple Myeloma----------	1196	622	574	704	373	331	486	248	238
Leukemias----------	2048	1102	946	1583	844	739	447	250	197
Lymphocytic----------	868	500	368	672	373	299	188	125	63
Acute lymphocytic----------	238	142	96	171	100	71	64	42	22
Chronic lymphocytic----------	599	336	263	474	255	219	120	79	41
Other----------	31	22	9	27	18	9	~	~	0
Myeloid----------	918	478	440	707	374	333	205	101	104
Acute myeloid----------	613	301	312	475	235	240	133	64	69
Chronic myeloid----------	278	166	112	210	130	80	67	35	32
Other----------	27	11	16	22	9	13	~	~	~
Monocytic----------	36	17	19	29	15	14	6	~	~
Acute monocytic----------	26	14	12	22	14	8	~	0	~
Chronic monocytic----------	7	~	6	~	0	~	~	~	~
Other----------	~	~	~	~	~	~	~	~	0
Other----------	226	107	119	175	82	93	48	22	26
Other acute----------	126	54	72	101	42	59	24	11	13
Other chronic----------	14	~	9	12	~	8	~	~	~
Aleukemic, subleukemic & NOS--	86	48	38	62	36	26	22	10	12
Other, Ill-defined & Unknown Sites	2983	1482	1501	2124	1059	1065	837	414	423
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ----------	1731	20	1711	1332	18	1314	382	~	380

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE A2 - PERCENT DISTRIBUTION OF CANCER CASES BY PRIMARY SITE, RACE, AND SEX, LOUISIANA, 1994-1998

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
INVASIVE CANCERS									
All Sites	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Oral Cavity & Pharynx	2.5	3.3	1.6	2.5	3.3	1.7	2.4	3.2	1.4
Lip	0.2	0.3	0.1	0.3	0.5	0.1	0.0	0.0	~
Tongue	0.6	0.7	0.4	0.6	0.7	0.4	0.5	0.7	0.3
Salivary gland	0.2	0.2	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	0.2
Gum & other mouth	0.4	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.3
Nasopharynx	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1
Tonsil	0.3	0.4	0.1	0.3	0.4	0.1	0.3	0.4	0.1
Oropharynx	0.1	0.2	0.0	0.1	0.1	0.0	0.1	0.2	~
Hypopharynx	0.2	0.3	0.1	0.2	0.3	0.1	0.3	0.4	0.1
Other	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.1
Digestive System	19.3	19.6	19.1	18.5	19.1	17.9	21.6	20.7	22.7
Esophagus	1.1	1.5	0.6	0.9	1.3	0.5	1.7	2.3	1.0
Stomach	1.9	2.2	1.5	1.4	1.7	1.1	3.1	3.5	2.5
Small intestine	0.3	0.3	0.4	0.3	0.3	0.3	0.5	0.4	0.5
Colon & rectum	11.6	11.2	11.9	11.6	11.6	11.7	11.4	10.1	12.9
Colon	8.5	7.9	9.1	8.5	8.1	8.9	8.6	7.5	9.9
Rectum & rectosigmoid	3.1	3.3	2.8	3.2	3.6	2.8	2.8	2.6	3.0
Anus, anal canal & anorectum	0.3	0.2	0.4	0.3	0.2	0.4	0.2	0.2	0.3
Liver & Intrahepatic bile ducts	0.9	1.2	0.7	0.9	1.1	0.6	1.0	1.2	0.8
Liver	0.8	1.1	0.6	0.8	1.0	0.5	0.9	1.1	0.7
Intrahepatic bile ducts	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	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
Pancreas	2.6	2.4	2.8	2.5	2.4	2.5	3.1	2.6	3.7
Retroperitoneum	0.0	0.0	0.0	0.0	0.1	0.0	0.0	~	0.1
Peritoneum, omentum & mesentery	0.0	0.0	0.1	0.0	0.0	0.1	0.0	~	~
Other	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1
Respiratory System	18.8	22.9	14.2	18.8	22.3	14.9	19.0	24.8	12.5
Nose, nasal cavity & middle ear	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1
Larynx	1.4	2.1	0.6	1.2	1.8	0.6	1.7	2.6	0.6
Lung & bronchus	17.0	20.2	13.4	17.0	19.7	14.0	17.0	21.6	11.6
Pleura	0.3	0.4	0.1	0.3	0.5	0.1	0.2	0.2	0.1
Trachea & other	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1	~
Bones & Joints	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2
Soft Tissues (incl heart)	0.6	0.6	0.6	0.5	0.6	0.5	0.8	0.7	0.8
Skin (exclude basal & squamous)	2.2	2.5	1.9	2.7	3.1	2.2	0.7	0.9	0.6
Melanomas of skin	1.7	1.8	1.5	2.1	2.3	1.9	0.2	0.1	0.2
Other non-epithelial skin	0.5	0.7	0.3	0.5	0.7	0.3	0.6	0.7	0.4
Breast	15.5	0.3	32.5	15.8	0.3	32.9	14.7	0.4	31.3

Female Genital System	5.2	-	11.1	4.9	-	10.4	6.1	-	13.1
Cervix uteri	1.3	-	2.8	0.9	-	2.0	2.4	-	5.1
Corpus uteri	1.9	-	4.1	2.0	-	4.1	1.9	-	4.0
Uterus, NOS	0.1	-	0.2	0.1	-	0.2	0.2	-	0.3
Ovary	1.4	-	3.0	1.5	-	3.2	1.3	-	2.7
Vagina	0.1	-	0.2	0.1	-	0.2	0.2	-	0.4
Vulva	0.3	-	0.6	0.3	-	0.6	0.2	-	0.5
Other	0.0	-	0.1	0.1	-	0.1	0.0	-	0.1
Male Genital System	15.7	29.7	-	15.0	28.6	-	17.6	32.8	-
Prostate	15.1	28.6	-	14.3	27.3	-	17.3	32.2	-
Testis	0.4	0.8	-	0.5	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	6.7	8.4	4.7	7.4	9.5	5.0	4.8	5.4	4.2
Urinary bladder (incl in situ)	3.8	5.2	2.2	4.4	6.1	2.4	2.2	2.7	1.5
Kidney & renal pelvis	2.7	3.0	2.4	2.8	3.2	2.4	2.5	2.6	2.5
Ureter	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1
Other	0.0	0.0	0.0	0.0	0.0	~	0.1	0.1	0.1
Eye & Orbit	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1
Brain & Nervous System	1.3	1.3	1.3	1.4	1.5	1.4	1.0	0.9	1.1
Brain	1.2	1.3	1.2	1.4	1.4	1.3	0.9	0.8	0.9
Cranial nerves & other	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Endocrine System	1.2	0.6	1.8	1.3	0.7	1.9	0.9	0.3	1.6
Thyroid	1.1	0.5	1.7	1.1	0.6	1.8	0.8	0.2	1.5
Thymus & other	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Lymphomas	4.1	4.1	4.2	4.6	4.6	4.6	2.9	2.7	3.1
Hodgkin's disease	0.6	0.6	0.5	0.6	0.7	0.6	0.4	0.3	0.5
Non-Hodgkin's lymphoma	3.6	3.5	3.7	4.0	3.9	4.0	2.5	2.4	2.6
Multiple Myeloma	1.2	1.2	1.3	1.0	1.0	1.0	2.0	1.9	2.1
Leukemias	2.1	2.2	2.1	2.2	2.3	2.2	1.8	1.9	1.7
Lymphocytic	0.9	1.0	0.8	1.0	1.0	0.9	0.8	0.9	0.5
Acute lymphocytic	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.2
Chronic lymphocytic	0.6	0.7	0.6	0.7	0.7	0.7	0.5	0.6	0.4
Other	0.0	0.0	0.0	0.0	0.0	0.0	~	~	0.0
Myeloid	1.0	0.9	1.0	1.0	1.0	1.0	0.8	0.8	0.9
Acute myeloid	0.6	0.6	0.7	0.7	0.6	0.7	0.5	0.5	0.6
Chronic myeloid	0.3	0.3	0.2	0.3	0.4	0.2	0.3	0.3	0.3
Other	0.0	0.0	0.0	0.0	0.0	0.0	~	~	~
Monocytic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	~
Acute monocytic	0.0	0.0	0.0	0.0	0.0	0.0	~	0.0	~
Chronic monocytic	0.0	~	0.0	~	0.0	~	~	~	~
Other	~	~	~	~	~	~	~	~	0.0
Other	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2
Other acute	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1
Other chronic	0.0	~	0.0	0.0	~	0.0	~	~	~
Aleukemic, subleukemic & NOS	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Other, Ill-defined & Unknown Sites	3.1	2.9	3.3	3.0	2.9	3.2	3.4	3.1	3.7

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE A3 - NUMBER OF CANCER CASES BY PRIMARY SITE, RACE AND SEX, SOUTH LOUISIANA, 1994-1998

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
INVASIVE CANCERS									
All Sites	67161	35922	31239	49799	26573	23226	16932	9131	7801
Oral Cavity & Pharynx	1753	1215	538	1313	900	413	429	308	121
Lip	132	113	19	125	109	16	7	~	~
Tongue	416	282	134	325	217	108	90	64	26
Salivary gland	163	89	74	130	75	55	30	14	16
Floor of mouth	173	128	45	125	91	34	47	36	11
Gum & other mouth	284	161	123	200	106	94	84	55	29
Nasopharynx	101	65	36	71	44	27	25	17	8
Tonsil	206	158	48	153	114	39	53	44	9
Oropharynx	67	55	12	45	36	9	22	19	~
Hypopharynx	146	116	30	98	76	22	47	39	8
Other	65	48	17	41	32	9	24	16	8
Digestive System	13230	7104	6126	9405	5124	4281	3710	1912	1798
Esophagus	743	526	217	461	331	130	273	189	84
Stomach	1270	792	478	740	474	266	511	308	203
Small intestine	240	113	127	169	78	91	70	34	36
Colon & rectum	7875	4067	3808	5871	3091	2780	1958	946	1012
Colon	5798	2881	2917	4274	2155	2119	1499	708	791
Rectum & rectosigmoid	2077	1186	891	1597	936	661	459	238	221
Anus, anal canal & anorectum	188	72	116	141	56	85	47	16	31
Liver & Intrahepatic bile ducts	693	471	222	463	325	138	205	129	76
Liver	615	432	183	406	294	112	184	121	63
Intrahepatic bile ducts	78	39	39	57	31	26	21	8	13
Gallbladder	169	45	124	110	31	79	58	13	45
Other biliary tract	167	83	84	127	67	60	35	15	20
Pancreas	1796	889	907	1260	638	622	527	249	278
Retroperitoneum	31	19	12	25	16	9	6	~	~
Peritoneum, omentum & mesentery	25	9	16	18	7	11	7	~	~
Other	33	18	15	20	10	10	13	8	~
Respiratory System	12894	8216	4678	9442	5816	3626	3392	2358	1034
Nose, nasal cavity & middle ear	103	68	35	75	46	29	28	22	6
Larynx	979	783	196	658	515	143	313	260	53
Lung & bronchus	11565	7175	4390	8509	5097	3412	3005	2045	960
Pleura	212	162	50	177	140	37	35	22	13
Trachea & other	35	28	7	23	18	~	11	9	~
Bones & Joints	142	76	66	96	45	51	40	27	13
Soft Tissues (incl heart)	407	217	190	281	152	129	125	64	61
Skin (exclude basal & squamous)	1400	870	530	1250	776	474	139	89	50
Melanomas of skin	1019	586	433	972	568	404	38	15	23
Other non-epithelial skin	381	284	97	278	208	70	101	74	27
Breast	9632	111	9521	7180	73	7107	2391	36	2355

Female Genital System	3508	-	3508	2455	-	2455	1023	-	1023
Cervix uteri	886	-	886	464	-	464	410	-	410
Corpus uteri	1298	-	1298	986	-	986	303	-	303
Uterus, NOS	58	-	58	35	-	35	23	-	23
Ovary	967	-	967	746	-	746	214	-	214
Vagina	66	-	66	40	-	40	25	-	25
Vulva	200	-	200	158	-	158	41	-	41
Other	33	-	33	26	-	26	7	-	7
Male Genital System	10451	10451	-	7596	7596	-	2811	2811	-
Prostate	10031	10031	-	7235	7235	-	2753	2753	-
Testis	340	340	-	307	307	-	32	32	-
Penis	69	69	-	46	46	-	23	23	-
Other	11	11	-	8	8	-	~	~	-
Urinary System	4714	3148	1566	3850	2614	1236	846	522	324
Urinary bladder (incl in situ)	2674	1957	717	2298	1695	603	363	254	109
Kidney & renal pelvis	1926	1120	806	1461	863	598	460	253	207
Ureter	89	52	37	78	46	32	11	6	~
Other	25	19	6	13	10	~	12	9	~
Eye & Orbit	100	55	45	91	51	40	9	~	~
Brain & Nervous System	907	477	430	725	391	334	172	83	89
Brain	850	445	405	692	368	324	150	75	75
Cranial nerves & other	57	32	25	33	23	10	22	8	14
Endocrine System	839	219	620	673	188	485	157	27	130
Thyroid	751	172	579	608	153	455	136	17	119
Thymus & other	88	47	41	65	35	30	21	10	11
Lymphomas	2902	1544	1358	2375	1259	1116	506	270	236
Hodgkin's disease	380	216	164	310	179	131	67	35	32
Non-Hodgkin's lymphoma	2522	1328	1194	2065	1080	985	439	235	204
Multiple Myeloma	796	425	371	471	258	213	319	166	153
Leukemias	1386	739	647	1087	574	513	287	161	126
Lymphocytic	570	333	237	450	251	199	116	82	34
Acute lymphocytic	173	103	70	127	74	53	43	29	14
Chronic lymphocytic	378	216	162	305	164	141	72	52	20
Other	19	14	~	18	13	~	~	~	0
Myeloid	648	329	319	501	258	243	142	69	73
Acute myeloid	431	209	222	332	163	169	95	45	50
Chronic myeloid	199	113	86	155	90	65	43	22	21
Other	18	7	11	14	~	9	~	~	~
Monocytic	26	12	14	20	10	10	~	~	~
Acute monocytic	17	9	8	14	9	~	~	0	~
Chronic monocytic	6	~	~	~	0	~	~	~	~
Other	~	~	~	~	~	~	~	~	0
Other	142	65	77	116	55	61	24	8	16
Other acute	80	34	46	70	30	40	9	~	6
Other chronic	11	~	8	10	~	7	~	0	~
Aleukemic, subleukemic & NOS	51	28	23	36	22	14	14	~	9
Other, Ill-defined & Unknown Sites	2100	1055	1045	1509	756	753	576	293	283
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ	1276	15	1261	980	14	966	287	~	286

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE A4 - PERCENT DISTRIBUTION OF CANCER CASES BY PRIMARY SITE, RACE AND SEX, SOUTH LOUISIANA, 1994-1998

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
INVASIVE CANCERS									
All Sites	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Oral Cavity & Pharynx	2.6	3.4	1.7	2.6	3.4	1.7	2.5	3.4	1.5
Lip	0.2	0.3	0.1	0.2	0.4	0.1	0.0	~	~
Tongue	0.6	0.8	0.4	0.6	0.8	0.4	0.5	0.7	0.3
Salivary gland	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2
Floor of mouth	0.3	0.4	0.1	0.2	0.3	0.1	0.3	0.4	0.1
Gum & other mouth	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.4
Nasopharynx	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1
Tonsil	0.3	0.4	0.1	0.3	0.4	0.2	0.3	0.5	0.1
Oropharynx	0.1	0.2	0.0	0.1	0.1	0.0	0.1	0.2	~
Hypopharynx	0.2	0.3	0.1	0.2	0.3	0.1	0.3	0.4	0.1
Other	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.1
Digestive System	19.3	19.8	18.8	18.5	19.3	17.7	21.5	20.9	22.2
Esophagus	1.1	1.5	0.7	0.9	1.2	0.5	1.6	2.1	1.0
Stomach	1.9	2.2	1.5	1.5	1.8	1.1	3.0	3.4	2.5
Small intestine	0.4	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.4
Colon & rectum	11.5	11.3	11.7	11.6	11.6	11.5	11.4	10.4	12.5
Colon	8.5	8.0	9.0	8.4	8.1	8.8	8.7	7.8	9.8
Rectum & rectosigmoid	3.0	3.3	2.7	3.1	3.5	2.7	2.7	2.6	2.7
Anus, anal canal & anorectum	0.3	0.2	0.4	0.3	0.2	0.4	0.3	0.2	0.4
Liver & Intrahepatic bile ducts	1.0	1.3	0.7	0.9	1.2	0.6	1.2	1.4	0.9
Liver	0.9	1.2	0.6	0.8	1.1	0.5	1.1	1.3	0.8
Intrahepatic bile ducts	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Gallbladder	0.2	0.1	0.4	0.2	0.1	0.3	0.3	0.1	0.6
Other biliary tract	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2
Pancreas	2.6	2.5	2.8	2.5	2.4	2.6	3.1	2.7	3.4
Retroperitoneum	0.0	0.1	0.0	0.0	0.1	0.0	0.0	~	~
Peritoneum, omentum & mesentery	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	~
Other	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	~
Respiratory System	18.8	22.9	14.4	18.6	21.9	15.0	19.7	25.8	12.8
Nose, nasal cavity & middle ear	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1
Larynx	1.4	2.2	0.6	1.3	1.9	0.6	1.8	2.8	0.7
Lung & bronchus	16.9	20.0	13.5	16.8	19.2	14.1	17.5	22.4	11.9
Pleura	0.3	0.5	0.2	0.3	0.5	0.2	0.2	0.2	0.2
Trachea & other	0.1	0.1	0.0	0.0	0.1	~	0.1	0.1	~
Bones & Joints	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
Soft Tissues (incl heart)	0.6	0.6	0.6	0.6	0.6	0.5	0.7	0.7	0.8
Skin (exclude basal & squamous)	2.0	2.4	1.6	2.5	2.9	2.0	0.8	1.0	0.6
Melanomas of skin	1.5	1.6	1.3	1.9	2.1	1.7	0.2	0.2	0.3
Other non-epithelial skin	0.6	0.8	0.3	0.5	0.8	0.3	0.6	0.8	0.3
Breast	15.9	0.4	33.2	16.1	0.3	33.4	15.6	0.4	32.7

Female Genital System	5.1	-	10.8	4.8	-	10.1	5.9	-	12.6
Cervix uteri	1.3	-	2.7	0.9	-	1.9	2.4	-	5.1
Corpus uteri	1.9	-	4.0	1.9	-	4.1	1.8	-	3.7
Uterus, NOS	0.1	-	0.2	0.1	-	0.1	0.1	-	0.3
Ovary	1.4	-	3.0	1.5	-	3.1	1.2	-	2.6
Vagina	0.1	-	0.2	0.1	-	0.2	0.1	-	0.3
Vulva	0.3	-	0.6	0.3	-	0.7	0.2	-	0.5
Other	0.0	-	0.1	0.1	-	0.1	0.0	-	0.1
Male Genital System	15.3	29.1	-	15.0	28.6	-	16.3	30.8	-
Prostate	14.7	27.9	-	14.2	27.2	-	16.0	30.1	-
Testis	0.5	0.9	-	0.6	1.2	-	0.2	0.4	-
Penis	0.1	0.2	-	0.1	0.2	-	0.1	0.3	-
Other	0.0	0.0	-	0.0	0.0	-	~	~	-
Urinary System	6.9	8.8	4.8	7.6	9.8	5.1	4.9	5.7	4.0
Urinary bladder (incl in situ)	3.9	5.4	2.2	4.5	6.4	2.5	2.1	2.8	1.3
Kidney & renal pelvis	2.8	3.1	2.5	2.9	3.2	2.5	2.7	2.8	2.6
Ureter	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	~
Other	0.0	0.1	0.0	0.0	0.0	~	0.1	0.1	~
Eye & Orbit	0.1	0.2	0.1	0.2	0.2	0.2	0.1	~	~
Brain & Nervous System	1.3	1.3	1.3	1.4	1.5	1.4	1.0	0.9	1.1
Brain	1.2	1.2	1.2	1.4	1.4	1.3	0.9	0.8	0.9
Cranial nerves & other	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2
Endocrine System	1.2	0.6	1.9	1.3	0.7	2.0	0.9	0.3	1.6
Thyroid	1.1	0.5	1.8	1.2	0.6	1.9	0.8	0.2	1.5
Thymus & other	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Lymphomas	4.2	4.3	4.2	4.7	4.7	4.6	2.9	3.0	2.9
Hodgkin's disease	0.6	0.6	0.5	0.6	0.7	0.5	0.4	0.4	0.4
Non-Hodgkin's lymphoma	3.7	3.7	3.7	4.1	4.1	4.1	2.5	2.6	2.5
Multiple Myeloma	1.2	1.2	1.1	0.9	1.0	0.9	1.9	1.8	1.9
Leukemias	2.0	2.1	2.0	2.1	2.2	2.1	1.7	1.8	1.6
Lymphocytic	0.8	0.9	0.7	0.9	0.9	0.8	0.7	0.9	0.4
Acute lymphocytic	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.2
Chronic lymphocytic	0.6	0.6	0.5	0.6	0.6	0.6	0.4	0.6	0.2
Other	0.0	0.0	~	0.0	0.0	~	~	~	0.0
Myeloid	0.9	0.9	1.0	1.0	1.0	1.0	0.8	0.8	0.9
Acute myeloid	0.6	0.6	0.7	0.7	0.6	0.7	0.6	0.5	0.6
Chronic myeloid	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3
Other	0.0	0.0	0.0	0.0	~	0.0	~	~	~
Monocytic	0.0	0.0	0.0	0.0	0.0	0.0	~	~	~
Acute monocytic	0.0	0.0	0.0	0.0	0.0	~	~	0.0	~
Chronic monocytic	0.0	~	~	~	0.0	~	~	~	~
Other	~	~	~	~	~	~	~	~	0.0
Other	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.1	0.2
Other acute	0.1	0.1	0.1	0.1	0.1	0.2	0.1	~	0.1
Other chronic	0.0	~	0.0	0.0	~	0.0	~	0.0	~
Aleukemic, subleukemic & NOS	0.1	0.1	0.1	0.1	0.1	0.1	0.1	~	0.1
Other, Ill-defined & Unknown Sites	3.1	2.9	3.2	3.0	2.8	3.1	3.3	3.2	3.5

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE A5 - NUMBER OF CANCER CASES BY PRIMARY SITE, RACE AND SEX, NORTH LOUISIANA, 1994-1998

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
INVASIVE CANCERS									
All Sites	27278	14769	12509	19600	10517	9083	7338	4060	3278
Oral Cavity & Pharynx	658	461	197	484	336	148	159	115	44
Lip	74	63	11	71	61	10	~	~	~
Tongue	128	88	40	93	59	34	30	24	6
Salivary gland	67	37	30	57	31	26	8	6	~
Floor of mouth	58	40	18	35	25	10	21	13	8
Gum & other mouth	113	70	43	81	50	31	29	18	11
Nasopharynx	48	28	20	31	19	12	14	8	6
Tonsil	58	48	10	44	36	8	14	12	~
Oropharynx	27	24	~	18	16	~	9	8	~
Hypopharynx	61	46	15	41	32	9	20	14	6
Other	24	17	7	13	7	6	11	10	~
Digestive System	5360	2820	2540	3699	1975	1724	1619	819	800
Esophagus	323	248	75	178	134	44	144	113	31
Stomach	527	320	207	276	158	118	243	155	88
Small intestine	95	52	43	53	30	23	42	22	20
Colon & rectum	3244	1624	1620	2365	1226	1139	852	384	468
Colon	2345	1121	1224	1706	836	870	625	277	348
Rectum & rectosigmoid	899	503	396	659	390	269	227	107	120
Anus, anal canal & anorectum	82	34	48	69	29	40	13	~	8
Liver & Intrahepatic bile ducts	210	120	90	161	91	70	46	27	19
Liver	187	109	78	145	83	62	40	24	16
Intrahepatic bile ducts	23	11	12	16	8	8	6	~	~
Gallbladder	46	15	31	27	10	17	18	~	13
Other biliary tract	73	38	35	59	29	30	14	9	~
Pancreas	721	353	368	484	257	227	236	95	141
Retroperitoneum	10	~	6	7	~	~	~	0	~
Peritoneum, omentum & mesentery	11	~	8	10	~	8	0	0	0
Other	18	9	9	10	~	~	8	~	~
Respiratory System	5172	3373	1799	3833	2442	1391	1304	911	393
Nose, nasal cavity & middle ear	54	32	22	42	23	19	12	9	~
Larynx	332	258	74	218	165	53	109	89	20
Lung & bronchus	4741	3050	1691	3533	2223	1310	1178	811	367
Pleura	40	31	9	38	30	8	~	~	~
Trachea & other	~	~	~	~	~	~	~	~	~
Bones & Joints	30	14	16	20	10	10	9	~	6
Soft Tissues (incl heart)	162	97	65	97	61	36	61	34	27
Skin (exclude basal & squamous)	719	403	316	636	362	274	45	26	19
Melanomas of skin	581	321	260	539	303	236	8	~	~
Other non-epithelial skin	138	82	56	97	59	38	37	22	15
Breast	3582	41	3541	2682	28	2654	861	13	848

Female Genital System	1533	-	1533	1029	-	1029	481	-	481
Cervix uteri	389	-	389	201	-	201	178	-	178
Corpus uteri	572	-	572	408	-	408	156	-	156
Uterus, NOS	33	-	33	18	-	18	14	-	14
Ovary	414	-	414	315	-	315	97	-	97
Vagina	45	-	45	24	-	24	19	-	19
Vulva	66	-	66	52	-	52	14	-	14
Other	14	-	14	11	-	11	~	-	~
Male Genital System	4621	4621	-	3010	3010	-	1516	1516	-
Prostate	4490	4490	-	2897	2897	-	1501	1501	-
Testis	91	91	-	82	82	-	6	6	-
Penis	33	33	-	27	27	-	6	6	-
Other	7	7	-	~	~	-	~	~	-
Urinary System	1713	1120	593	1359	924	435	344	191	153
Urinary bladder (incl in situ)	956	680	276	781	575	206	168	100	68
Kidney & renal pelvis	706	409	297	536	321	215	167	88	79
Ureter	41	27	14	36	24	12	~	~	~
Other	10	~	6	6	~	~	~	0	~
Eye & Orbit	40	22	18	33	16	17	~	~	~
Brain & Nervous System	365	201	164	293	164	129	71	36	35
Brain	349	194	155	280	158	122	68	35	33
Cranial nerves & other	16	7	9	13	6	7	~	~	~
Endocrine System	295	83	212	221	70	151	72	13	59
Thyroid	263	67	196	202	57	145	59	10	49
Thymus & other	32	16	16	19	13	6	13	~	10
Lymphomas	1083	526	557	860	431	429	203	87	116
Hodgkin's disease	157	75	82	123	63	60	31	11	20
Non-Hodgkin's lymphoma	926	451	475	737	368	369	172	76	96
Multiple Myeloma	400	197	203	233	115	118	167	82	85
Leukemias	662	363	299	496	270	226	160	89	71
Lymphocytic	298	167	131	222	122	100	72	43	29
Acute lymphocytic	65	39	26	44	26	18	21	13	8
Chronic lymphocytic	221	120	101	169	91	78	48	27	21
Other	12	8	~	9	~	~	~	~	0
Myeloid	270	149	121	206	116	90	63	32	31
Acute myeloid	182	92	90	143	72	71	38	19	19
Chronic myeloid	79	53	26	55	40	15	24	13	11
Other	9	~	~	8	~	~	~	0	~
Monocytic	10	~	~	9	~	~	~	0	~
Acute monocytic	9	~	~	8	~	~	~	0	~
Chronic monocytic	~	0	~	~	0	~	0	0	0
Other	0	0	0	0	0	0	0	0	0
Other	84	42	42	59	27	32	24	14	10
Other acute	46	20	26	31	12	19	15	8	7
Other chronic	~	~	~	~	~	~	~	~	0
Aleukemic, subleukemic & NOS	35	20	15	26	14	12	8	~	~
Other, Ill-defined & Unknown Sites	883	427	456	615	303	312	261	121	140
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ	455	~	450	352	~	348	95	~	94

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE A6 - PERCENT DISTRIBUTION OF CANCER CASES BY PRIMARY SITE, RACE AND SEX, NORTH LOUISIANA, 1994-1998

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
INVASIVE CANCERS									
All Sites	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Oral Cavity & Pharynx	2.4	3.1	1.5	2.4	3.2	1.6	2.1	2.8	1.3
Lip	0.3	0.4	0.1	0.4	0.6	0.1	~	~	~
Tongue	0.5	0.6	0.3	0.5	0.6	0.4	0.4	0.6	0.2
Salivary gland	0.2	0.3	0.2	0.3	0.3	0.3	0.1	0.1	~
Floor of mouth	0.2	0.3	0.1	0.2	0.2	0.1	0.3	0.3	0.2
Gum & other mouth	0.4	0.5	0.3	0.4	0.5	0.3	0.4	0.4	0.3
Nasopharynx	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2
Tonsil	0.2	0.3	0.1	0.2	0.3	0.1	0.2	0.3	~
Oropharynx	0.1	0.2	~	0.1	0.2	~	0.1	0.2	~
Hypopharynx	0.2	0.3	0.1	0.2	0.3	0.1	0.3	0.3	0.2
Other	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	~
Digestive System	19.3	19.1	19.6	18.5	18.8	18.3	21.8	20.2	23.7
Esophagus	1.2	1.7	0.6	0.9	1.3	0.5	1.9	2.8	0.9
Stomach	1.9	2.2	1.6	1.4	1.5	1.3	3.3	3.8	2.6
Small intestine	0.3	0.4	0.3	0.3	0.3	0.2	0.6	0.5	0.6
Colon & rectum	11.7	11.0	12.5	11.9	11.7	12.1	11.5	9.5	13.9
Colon	8.5	7.6	9.4	8.6	7.9	9.2	8.4	6.8	10.3
Rectum & rectosigmoid	3.2	3.4	3.1	3.3	3.7	2.9	3.1	2.6	3.6
Anus, anal canal & anorectum	0.3	0.2	0.4	0.3	0.3	0.4	0.2	~	0.2
Liver & Intrahepatic bile ducts	0.8	0.8	0.7	0.8	0.9	0.7	0.6	0.7	0.6
Liver	0.7	0.7	0.6	0.7	0.8	0.7	0.5	0.6	0.5
Intrahepatic bile ducts	0.1	0.1	0.1	0.1	0.1	0.1	0.1	~	~
Gallbladder	0.2	0.1	0.2	0.1	0.1	0.2	0.2	~	0.4
Other biliary tract	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	~
Pancreas	2.6	2.4	2.8	2.4	2.4	2.4	3.2	2.3	4.2
Retroperitoneum	0.0	~	0.0	0.0	~	~	~	0.0	~
Peritoneum, omentum & mesentery	0.0	~	0.1	0.1	~	0.1	0.0	0.0	0.0
Other	0.1	0.1	0.1	0.1	~	~	0.1	~	~
Respiratory System	18.6	22.8	13.9	19.2	23.2	14.7	17.5	22.4	11.7
Nose, nasal cavity & middle ear	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	~
Larynx	1.2	1.7	0.6	1.1	1.6	0.6	1.5	2.2	0.6
Lung & bronchus	17.1	20.6	13.0	17.7	21.1	13.9	15.8	20.0	10.9
Pleura	0.1	0.2	0.1	0.2	0.3	0.1	~	~	~
Trachea & other	~	~	~	~	~	~	~	~	~
Bones & Joints	0.1	0.1	0.1	0.1	0.1	0.1	0.1	~	0.2
Soft Tissues (incl heart)	0.6	0.7	0.5	0.5	0.6	0.4	0.8	0.8	0.8
Skin (exclude basal & squamous)	2.6	2.7	2.4	3.2	3.4	2.9	0.6	0.6	0.6
Melanomas of skin	2.1	2.2	2.0	2.7	2.9	2.5	0.1	~	~
Other non-epithelial skin	0.5	0.6	0.4	0.5	0.6	0.4	0.5	0.5	0.4
Breast	14.6	0.3	30.8	15.2	0.3	31.8	12.9	0.3	27.9

Female Genital System----------	5.5	-	11.8	5.2	-	10.9	6.5	-	14.3
Cervix uteri----------	1.4	-	3.0	1.0	-	2.1	2.4	-	5.3
Corpus uteri----------	2.1	-	4.4	2.0	-	4.3	2.1	-	4.6
Uterus, NOS----------	0.1	-	0.3	0.1	-	0.2	0.2	-	0.4
Ovary----------	1.5	-	3.2	1.6	-	3.3	1.3	-	2.9
Vagina----------	0.2	-	0.3	0.1	-	0.3	0.3	-	0.6
Vulva----------	0.2	-	0.5	0.3	-	0.6	0.2	-	0.4
Other----------	0.1	-	0.1	0.1	-	0.1	~	-	~
Male Genital System----------	16.7	31.3	-	15.1	28.6	-	20.4	37.3	-
Prostate ----------	16.2	30.4	-	14.5	27.5	-	20.2	37.0	-
Testis----------	0.3	0.6	-	0.4	0.8	-	0.1	0.1	-
Penis----------	0.1	0.2	-	0.1	0.3	-	0.1	0.1	-
Other----------	0.0	0.0	-	~	~	-	~	~	-
Urinary System----------	6.2	7.6	4.6	6.8	8.8	4.6	4.6	4.7	4.5
Urinary bladder (incl in situ)--	3.4	4.6	2.1	3.9	5.5	2.2	2.3	2.5	2.0
Kidney & renal pelvis----------	2.5	2.8	2.3	2.7	3.1	2.3	2.2	2.2	2.3
Ureter----------	0.1	0.2	0.1	0.2	0.2	0.1	~	~	~
Other----------	0.0	~	0.0	0.0	~	~	~	0.0	~
Eye & Orbit----------	0.1	0.1	0.1	0.2	0.2	0.2	~	~	~
Brain & Nervous System----------	1.3	1.4	1.3	1.5	1.6	1.4	1.0	0.9	1.0
Brain----------	1.3	1.3	1.2	1.4	1.5	1.3	0.9	0.9	1.0
Cranial nerves & other----------	0.1	0.0	0.1	0.1	0.1	0.1	~	~	~
Endocrine System----------	1.1	0.6	1.6	1.1	0.7	1.6	1.0	0.3	1.7
Thyroid----------	0.9	0.5	1.5	1.0	0.5	1.5	0.8	0.2	1.5
Thymus & other----------	0.1	0.1	0.1	0.1	0.1	0.1	0.2	~	0.3
Lymphomas----------	3.9	3.6	4.3	4.3	4.1	4.5	2.7	2.1	3.4
Hodgkin's disease----------	0.6	0.5	0.6	0.6	0.6	0.6	0.4	0.3	0.6
Non-Hodgkin's lymphoma----------	3.3	3.1	3.7	3.7	3.5	3.9	2.3	1.9	2.8
Multiple Myeloma----------	1.4	1.3	1.6	1.2	1.1	1.3	2.2	2.0	2.5
Leukemias----------	2.4	2.5	2.3	2.5	2.6	2.4	2.2	2.2	2.1
Lymphocytic----------	1.1	1.1	1.0	1.1	1.2	1.1	1.0	1.1	0.9
Acute lymphocytic----------	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.2
Chronic lymphocytic----------	0.8	0.8	0.8	0.8	0.9	0.8	0.6	0.7	0.6
Other----------	0.0	0.1	~	0.0	~	~	~	~	0.0
Myeloid----------	1.0	1.0	0.9	1.0	1.1	1.0	0.8	0.8	0.9
Acute myeloid----------	0.7	0.6	0.7	0.7	0.7	0.8	0.5	0.5	0.6
Chronic myeloid----------	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.3	0.3
Other----------	0.0	~	~	0.0	~	~	~	0.0	~
Monocytic----------	0.0	~	~	0.0	~	~	~	0.0	~
Acute monocytic----------	0.0	~	~	0.0	~	~	~	0.0	~
Chronic monocytic----------	~	0.0	~	~	0.0	~	0.0	0.0	0.0
Other----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other----------	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Other acute----------	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2
Other chronic----------	~	~	~	~	~	~	~	~	0.0
Aleukemic, subleukemic & NOS--	0.1	0.1	0.1	0.1	0.1	0.1	0.1	~	~
Other, Ill-defined & Unknown Sites	3.2	2.9	3.5	3.1	2.9	3.3	3.5	3.0	4.2

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE B1 - PERCENTAGE OF CANCER CASES MICROSCOPICALLY CONFIRMED BY PRIMARY SITE, RACE AND SEX. LOUISIANA, 1994-1998

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
INVASIVE CANCERS									
All Sites	92.3	92.3	92.3	93.0	93.1	92.8	90.4	89.9	91.0
Oral Cavity & Pharynx	97.0	97.3	96.3	97.5	97.7	97.1	95.4	96.2	93.3
Lip	98.1	98.3	96.7	98.5	98.2	100.0	90.0	100.0	75.0
Tongue	97.8	98.1	97.1	97.8	98.2	97.2	97.5	97.7	96.9
Salivary gland	99.1	100.0	98.1	99.5	100.0	98.8	97.4	100.0	94.4
Floor of mouth	98.7	98.2	100.0	98.1	97.4	100.0	100.0	100.0	100.0
Gum & other mouth	97.0	97.0	97.0	96.8	95.5	98.4	97.3	100.0	92.5
Nasopharynx	96.6	98.9	92.9	95.1	98.4	89.7	100.0	100.0	100.0
Tonsil	99.6	99.5	100.0	100.0	100.0	100.0	98.5	98.2	100.0
Oropharynx	91.5	92.4	86.7	95.2	96.2	90.9	83.9	85.2	75.0
Hypopharynx	97.1	97.5	95.6	97.8	98.1	96.8	95.5	96.2	92.9
Other	78.7	80.0	75.0	83.3	84.6	80.0	71.4	73.1	66.7
Digestive System	90.7	92.1	89.1	91.3	92.9	89.5	89.2	90.0	88.2
Esophagus	94.8	95.2	93.8	94.2	95.7	90.2	96.2	95.0	99.1
Stomach	95.1	96.5	92.8	96.1	97.0	94.5	93.8	95.7	90.7
Small intestine	98.5	98.8	98.2	99.1	98.1	100.0	97.3	100.0	94.6
Colon & rectum	96.4	96.7	96.0	96.8	97.6	96.0	94.9	93.8	95.9
Colon	95.8	96.0	95.5	96.3	97.0	95.5	94.3	92.8	95.5
Rectum & rectosigmoid	98.0	98.5	97.4	98.4	98.9	97.5	96.8	96.5	97.1
Anus, anal canal & anorectum	98.1	98.1	98.2	97.6	97.6	97.6	100.0	100.0	100.0
Liver & Intrahepatic bile ducts	72.2	73.9	68.9	72.9	74.8	69.2	68.9	70.5	66.3
Liver	73.7	75.2	70.5	74.2	76.1	70.1	71.0	71.7	69.6
Intrahepatic bile ducts	60.4	60.0	60.8	63.0	61.5	64.7	51.9	54.5	50.0
Gallbladder	96.7	98.3	96.1	95.6	97.6	94.8	98.7	100.0	98.3
Other biliary tract	78.8	84.3	73.1	78.5	84.4	72.2	77.6	83.3	72.0
Pancreas	66.7	73.3	60.2	67.6	74.2	60.7	64.7	71.2	59.4
Retroperitoneum	97.6	100.0	94.4	100.0	100.0	100.0	88.9	100.0	83.3
Peritoneum, omentum & mesentery	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Other	62.7	63.0	62.5	63.3	66.7	60.0	61.9	58.3	66.7
Respiratory System	88.4	89.2	87.0	89.0	89.8	87.6	86.8	87.8	84.7
Nose, nasal cavity & middle ear	95.5	95.0	96.5	94.9	92.8	97.9	97.5	100.0	88.9
Larynx	97.9	97.8	98.5	98.5	98.4	99.0	96.9	96.8	97.3
Lung & bronchus	87.5	88.2	86.3	88.1	88.9	87.0	85.7	86.5	83.9
Pleura	93.7	94.8	89.8	94.0	95.3	88.9	91.9	91.3	92.9
Trachea & other	87.5	83.3	100.0	84.0	78.9	100.0	92.9	90.0	100.0
Bones & Joints	93.0	94.4	91.5	93.1	92.7	93.4	91.8	96.7	84.2
Soft Tissues (incl heart)	97.5	98.7	96.1	97.4	98.1	96.4	97.8	100.0	95.5
Skin (exclude basal & squamous)	96.5	95.1	98.5	96.7	95.5	98.5	94.6	92.2	98.6
Melanomas of skin	98.3	98.2	98.4	98.3	98.2	98.6	97.8	100.0	96.3
Other non-epithelial skin	90.8	87.4	98.7	90.1	86.9	98.1	93.5	90.6	100.0
Breast	98.0	96.7	98.0	98.2	98.0	98.2	97.3	93.9	97.3

Female Genital System----------	96.7	-	96.7	97.1	-	97.1	95.7	-	95.7
Cervix uteri----------	97.9	-	97.9	98.0	-	98.0	97.6	-	97.6
Corpus uteri----------	99.3	-	99.3	99.4	-	99.4	98.9	-	98.9
Uterus, NOS----------	86.8	-	86.8	88.7	-	88.7	83.8	-	83.8
Ovary----------	92.3	-	92.3	93.3	-	93.3	88.7	-	88.7
Vagina----------	97.3	-	97.3	98.4	-	98.4	95.5	-	95.5
Vulva----------	99.6	-	99.6	100.0	-	100.0	98.2	-	98.2
Other----------	89.4	-	89.4	91.9	-	91.9	80.0	-	80.0
Male Genital System----------	94.7	94.7	-	95.9	95.9	-	91.6	91.6	-
Prostate ----------	94.6	94.6	-	95.8	95.8	-	91.5	91.5	-
Testis----------	97.9	97.9	-	98.2	98.2	-	97.4	97.4	-
Penis----------	98.0	98.0	-	97.3	97.3	-	100.0	100.0	-
Other----------	94.4	94.4	-	100.0	100.0	-	83.3	83.3	-
Urinary System----------	94.6	95.7	92.5	95.2	96.4	92.8	92.0	92.6	91.2
Urinary bladder (incl in situ)--	98.5	99.1	96.8	98.8	99.4	97.0	96.8	97.2	96.0
Kidney & renal pelvis----------	89.1	89.8	88.1	89.5	90.5	88.2	87.6	87.4	87.8
Ureter----------	97.7	96.2	100.0	97.4	95.7	100.0	100.0	100.0	100.0
Other----------	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Eye & Orbit----------	72.1	72.7	71.4	70.2	71.6	68.4	85.7	75.0	100.0
Brain & Nervous System----------	83.3	85.4	81.0	83.9	85.0	82.5	81.5	87.4	75.8
Brain----------	83.4	85.4	81.1	83.7	84.6	82.7	82.1	90.0	74.1
Cranial nerves & other----------	82.2	84.6	79.4	87.0	93.1	76.5	76.0	55.6	87.5
Endocrine System----------	98.0	98.0	98.0	98.5	98.8	98.4	95.6	92.5	96.3
Thyroid----------	98.9	99.2	98.8	99.1	100.0	98.8	97.9	92.6	98.8
Thymus & other----------	90.0	93.7	86.0	92.9	93.8	91.7	82.4	92.3	76.2
Lymphomas----------	96.4	96.9	95.9	96.7	97.0	96.4	94.8	96.1	93.5
Hodgkin's disease----------	97.8	98.6	96.7	97.9	98.8	96.9	98.0	97.8	98.1
Non-Hodgkin's lymphoma----------	96.2	96.6	95.7	96.5	96.7	96.4	94.3	95.8	92.7
Multiple Myeloma----------	84.4	86.3	82.2	84.9	85.8	84.0	83.5	87.1	79.8
Leukemias----------	84.5	84.3	84.7	84.8	85.1	84.6	82.8	81.6	84.3
Lymphocytic----------	83.3	84.4	81.8	83.9	85.0	82.6	80.3	82.4	76.2
Acute lymphocytic----------	92.0	92.3	91.7	91.8	91.0	93.0	92.2	95.2	86.4
Chronic lymphocytic----------	80.6	81.8	79.1	82.1	83.5	80.4	74.2	75.9	70.7
Other----------	67.7	72.7	55.6	66.7	72.2	55.6	75.0	75.0	*
Myeloid----------	90.2	87.7	93.0	90.0	88.5	91.6	90.7	84.2	97.1
Acute myeloid----------	93.1	90.7	95.5	93.7	92.3	95.0	91.0	84.4	97.1
Chronic myeloid----------	85.6	83.1	89.3	84.3	83.1	86.3	89.6	82.9	96.9
Other----------	70.4	72.7	68.8	63.6	66.7	61.5	100.0	100.0	100.0
Monocytic----------	97.2	100.0	94.7	96.6	100.0	92.9	100.0	100.0	100.0
Acute monocytic----------	100.0	100.0	100.0	100.0	100.0	100.0	100.0	*	100.0
Chronic monocytic----------	100.0	100.0	100.0	100.0	*	100.0	100.0	100.0	100.0
Other----------	66.7	100.0	0.0	50.0	100.0	0.0	100.0	100.0	*
Other----------	63.7	66.4	61.3	65.7	67.1	64.5	56.3	63.6	50.0
Other acute----------	75.4	79.6	72.2	77.2	81.0	74.6	66.7	72.7	61.5
Other chronic----------	50.0	60.0	44.4	50.0	50.0	50.0	50.0	100.0	0.0
Aleukemic, subleukemic & NOS--	48.8	52.1	44.7	50.0	52.8	46.2	45.5	50.0	41.7
Other, Ill-defined & Unknown Sites	74.7	79.1	70.3	75.0	80.2	70.0	73.6	76.1	71.2
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ----------	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

- No cases were reported for this race/sex group.

TABLE B2 - PERCENTAGE OF CANCER CASES REPORTED BY DEATH CERTIFICATE ONLY BY PRIMARY SITE, RACE, AND SEX. LOUISIANA, 1994-1998

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
INVASIVE CANCERS									
All Sites	1.6	1.6	1.7	1.5	1.4	1.6	2.1	2.3	1.8
Oral Cavity & Pharynx	0.8	0.9	0.5	0.5	0.6	0.4	1.7	1.9	1.2
Lip	0.5	0.0	3.3	0.0	0.0	0.0	10.0	0.0	25.0
Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salivary gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Floor of mouth	0.4	0.6	0.0	0.6	0.9	0.0	0.0	0.0	0.0
Gum & other mouth	0.3	0.0	0.6	0.4	0.0	0.8	0.0	0.0	0.0
Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oropharynx	3.2	3.8	0.0	1.6	1.9	0.0	6.5	7.4	0.0
Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	14.6	16.9	8.3	11.1	12.8	6.7	20.0	23.1	11.1
Digestive System	2.0	1.9	2.1	1.8	1.4	2.2	2.5	2.9	2.1
Esophagus	1.6	1.7	1.4	1.1	0.6	2.3	1.9	2.6	0.0
Stomach	1.8	1.3	2.6	1.1	0.9	1.3	2.8	1.7	4.5
Small intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Colon & rectum	1.2	1.2	1.2	1.0	0.8	1.3	1.7	2.3	1.1
Colon	1.4	1.5	1.4	1.2	1.0	1.4	2.1	2.9	1.3
Rectum & rectosigmoid	0.5	0.4	0.7	0.5	0.3	0.8	0.6	0.6	0.6
Anus, anal canal & anorectum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Liver & Intrahepatic bile ducts	8.7	8.5	9.3	9.0	7.9	11.1	9.2	10.9	6.3
Liver	9.7	9.2	10.7	10.0	8.8	12.6	10.3	11.7	7.6
Intrahepatic bile ducts	1.0	0.0	2.0	1.4	0.0	2.9	0.0	0.0	0.0
Gallbladder	0.9	0.0	1.3	1.5	0.0	2.1	0.0	0.0	0.0
Other biliary tract	1.7	1.7	1.7	2.2	2.1	2.2	0.0	0.0	0.0
Pancreas	3.9	3.1	4.8	3.7	2.5	4.9	4.6	4.7	4.5
Retroperitoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peritoneum, omentum & mesentery	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	7.8	3.7	12.5	13.3	6.7	20.0	0.0	0.0	0.0
Respiratory System	2.6	2.5	2.7	2.5	2.4	2.5	2.8	2.6	3.4
Nose, nasal cavity & middle ear	0.6	1.0	0.0	0.9	1.4	0.0	0.0	0.0	0.0
Larynx	0.8	0.7	1.1	0.9	0.9	1.0	0.5	0.3	1.4
Lung & bronchus	2.7	2.7	2.8	2.6	2.7	2.6	3.1	2.9	3.5
Pleura	1.6	0.5	5.1	1.9	0.6	6.7	0.0	0.0	0.0
Trachea & other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bones & Joints	3.5	1.1	6.1	3.4	1.8	4.9	4.1	0.0	10.5
Soft Tissues (incl heart)	0.9	0.3	1.6	1.1	0.5	1.8	0.5	0.0	1.1
Skin (exclude basal & squamous)	0.8	0.7	0.9	0.8	0.7	1.1	0.5	0.9	0.0
Melanomas of skin	0.6	0.3	1.0	0.7	0.3	1.1	0.0	0.0	0.0
Other non-epithelial skin	1.3	1.6	0.7	1.6	1.9	0.9	0.7	1.0	0.0
Breast	0.8	0.7	0.8	0.7	0.0	0.7	1.0	2.0	1.0

Female Genital System	1.0	-	1.0	1.0	-	1.0	0.9	-	0.9
Cervix uteri	0.5	-	0.5	0.6	-	0.6	0.3	-	0.3
Corpus uteri	0.1	-	0.1	0.1	-	0.1	0.0	-	0.0
Uterus, NOS	8.8	-	8.8	7.5	-	7.5	10.8	-	10.8
Ovary	2.3	-	2.3	2.3	-	2.3	2.6	-	2.6
Vagina	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
Vulva	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
Other	4.3	-	4.3	5.4	-	5.4	0.0	-	0.0
Male Genital System	1.1	1.1	-	0.8	0.8	-	1.9	1.9	-
Prostate	1.2	1.2	-	0.8	0.8	-	2.0	2.0	-
Testis	0.2	0.2	-	0.3	0.3	-	0.0	0.0	-
Penis	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
Other	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
Urinary System	0.7	0.5	1.1	0.7	0.5	1.1	1.0	1.0	1.0
Urinary bladder (incl. in situ)	0.4	0.2	1.0	0.4	0.2	0.9	0.6	0.0	1.7
Kidney & renal pelvis	1.2	1.2	1.3	1.2	0.9	1.5	1.4	2.1	0.7
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eye & Orbit	0.7	1.3	0.0	0.8	1.5	0.0	0.0	0.0	0.0
Brain & Nervous System	2.0	1.6	2.5	2.0	1.6	2.4	2.5	1.7	3.2
Brain	2.2	1.7	2.7	2.1	1.7	2.5	2.8	1.8	3.7
Cranial nerves & other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Endocrine System	0.4	0.3	0.5	0.3	0.4	0.3	0.9	0.0	1.1
Thyroid	0.1	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0
Thymus & other	3.3	1.6	5.3	2.4	2.1	2.8	5.9	0.0	9.5
Lymphomas	1.0	1.1	0.8	1.1	1.2	0.9	0.6	0.8	0.3
Hodgkin's disease	0.9	1.0	0.8	0.9	0.8	1.0	1.0	2.2	0.0
Non-Hodgkin's lymphoma	1.0	1.1	0.8	1.1	1.2	0.9	0.5	0.6	0.3
Multiple Myeloma	3.0	2.7	3.3	3.3	2.9	3.6	2.7	2.4	2.9
Leukemias	2.6	2.4	2.9	2.5	2.4	2.7	2.9	2.4	3.6
Lymphocytic	2.1	1.4	3.0	2.1	1.3	3.0	2.1	1.6	3.2
Acute lymphocytic	0.4	0.0	1.0	0.6	0.0	1.4	0.0	0.0	0.0
Chronic lymphocytic	2.0	1.2	3.0	1.9	1.2	2.7	2.5	1.3	4.9
Other	16.1	13.6	22.2	14.8	11.1	22.2	25.0	25.0	*
Myeloid	0.7	0.6	0.7	0.8	0.8	0.9	0.0	0.0	0.0
Acute myeloid	0.2	0.3	0.0	0.2	0.4	0.0	0.0	0.0	0.0
Chronic myeloid	0.7	0.6	0.9	1.0	0.8	1.2	0.0	0.0	0.0
Other	11.1	9.1	12.5	13.6	11.1	15.4	0.0	0.0	0.0
Monocytic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute monocytic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	0.0
Chronic monocytic	0.0	0.0	0.0	0.0	*	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*
Other	12.8	15.0	10.9	11.4	14.6	8.6	18.8	18.2	19.2
Other acute	4.8	3.7	5.6	5.0	4.8	5.1	4.2	0.0	7.7
Other chronic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aleukemic, subleukemic & NOS	26.7	29.2	23.7	24.2	27.8	19.2	36.4	40.0	33.3
Other, Ill-defined & Unknown Sites	4.7	3.8	5.7	4.8	3.5	6.1	4.7	4.6	4.7
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* No cases were reported for this race/sex group.

TABLE C3 - AVERAGE ANNUAL CANCER INCIDENCE RATES PER 100,000 POPULATION. NORTH LOUISIANA, 1994-1998
AGE-ADJUSTED (1970 U.S. STANDARD) RATES BY PRIMARY SITE, RACE, AND SEX

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
INVASIVE CANCERS									
All Sites	395.0	506.7	318.7	392.2	486.0	327.6	394.6	559.0	290.6
Oral Cavity & Pharynx	10.0	16.3	5.1	10.1	16.1	5.3	8.9	15.8	4.1
Lip	1.1	2.2	0.2	1.4	2.9	0.3	~	~	~
Tongue	2.0	3.1	1.1	2.0	2.8	1.3	1.8	3.4	0.6
Salivary gland	1.0	1.3	0.7	1.2	1.5	0.9	0.4	0.7	~
Floor of mouth	0.9	1.4	0.5	0.7	1.2	0.4	1.2	1.9	0.8
Gum & other mouth	1.7	2.5	1.0	1.7	2.4	1.0	1.5	2.6	0.8
Nasopharynx	0.8	1.0	0.6	0.7	0.9	0.5	0.8	1.0	0.6
Tonsil	0.9	1.7	0.3	1.0	1.7	0.3	0.8	1.6	~
Oropharynx	0.4	0.8	~	0.4	0.8	~	0.5	1.1	~
Hypopharynx	1.0	1.6	0.4	0.9	1.5	0.4	1.2	2.0	0.7
Other	0.4	0.6	0.2	0.3	0.3	0.2	0.6	1.4	~
Digestive System	75.4	96.5	59.4	71.2	90.8	56.2	85.8	112.7	67.3
Esophagus	4.9	8.8	1.9	3.6	6.3	1.4	8.6	16.6	3.1
Stomach	7.3	10.8	4.8	5.3	7.3	3.8	12.6	20.6	7.3
Small intestine	1.4	1.8	1.1	1.1	1.4	0.9	2.2	2.9	1.7
Colon & rectum	45.6	55.5	38.3	45.6	56.2	37.5	45.1	52.6	39.8
Colon	32.4	38.0	28.5	32.2	38.0	28.1	32.8	37.8	29.4
Rectum & rectosigmoid	13.2	17.5	9.8	13.3	18.2	9.4	12.3	14.8	10.4
Anus, anal canal & anorectum	1.2	1.1	1.2	1.4	1.3	1.4	0.7	~	0.8
Liver & Intrahepatic bile ducts	3.0	4.2	2.0	3.1	4.3	2.1	2.6	3.9	1.6
Liver	2.7	3.8	1.8	2.8	3.9	1.9	2.3	3.5	1.4
Intrahepatic bile ducts	0.3	0.4	0.3	0.3	0.3	0.2	0.3	~	~
Gallbladder	0.6	0.5	0.7	0.5	0.5	0.5	0.9	~	0.9
Other biliary tract	1.0	1.3	0.8	1.1	1.3	0.9	0.7	1.1	~
Pancreas	9.8	12.0	8.1	9.1	11.8	7.0	11.9	12.9	11.1
Retroperitoneum	0.2	~	0.2	0.2	~	~	~	0.0	~
Peritoneum, omentum & mesentery	0.2	~	0.2	0.2	~	0.3	0.0	0.0	0.0
Other	0.2	0.3	0.2	0.2	~	~	0.4	~	~
Respiratory System	76.3	116.9	46.4	76.8	112.6	50.4	74.4	131.6	35.9
Nose, nasal cavity & middle ear	0.8	1.1	0.6	0.8	1.1	0.7	0.7	1.3	~
Larynx	5.1	9.1	2.0	4.5	7.7	2.0	6.6	13.3	2.0
Lung & bronchus	69.8	105.6	43.6	70.8	102.5	47.4	66.9	116.7	33.3
Pleura	0.5	1.0	0.2	0.7	1.3	0.2	~	~	~
Trachea & other	~	~	~	~	~	~	~	~	~
Bones & Joints	0.5	0.5	0.5	0.5	0.5	0.5	0.4	~	0.5
Soft Tissues (incl heart)	2.4	3.3	1.7	2.0	2.9	1.4	3.2	4.2	2.5
Skin (exclude basal & squamous)	10.6	13.5	8.5	13.2	16.7	10.6	2.2	3.0	1.7
Melanomas of skin	8.7	10.9	7.1	11.4	14.1	9.3	0.4	~	~
Other non-epithelial skin	1.9	2.6	1.4	1.9	2.6	1.3	1.8	2.3	1.4
Breast	52.7	1.4	93.3	54.6	1.3	98.7	45.8	1.5	77.2

Female Genital System	22.8	-	41.1	21.5	-	39.7	25.7	-	43.7
Cervix uteri	5.8	-	10.7	4.3	-	8.3	9.1	-	15.9
Corpus uteri	8.6	-	15.4	8.5	-	15.5	8.9	-	15.0
Uterus, NOS	0.5	-	0.8	0.3	-	0.6	0.7	-	1.1
Ovary	6.2	-	11.1	6.6	-	12.1	5.2	-	8.9
Vagina	0.6	-	1.0	0.4	-	0.8	0.9	-	1.5
Vulva	0.9	-	1.7	1.0	-	1.9	0.7	-	1.1
Other	0.2	-	0.4	0.2	-	0.5	~	-	~
Male Genital System	65.7	157.6	-	59.2	138.1	-	80.8	207.6	-
Prostate	63.7	153.3	-	56.5	132.7	-	80.1	206.0	-
Testis	1.4	3.0	-	2.0	4.0	-	0.3	0.6	-
Penis	0.4	1.1	-	0.5	1.2	-	0.2	0.6	-
Other	0.1	0.3	-	~	~	-	~	~	-
Urinary System	24.5	38.3	14.3	26.8	42.5	14.6	18.3	26.0	13.2
Urinary bladder (incl in situ)	13.3	23.1	6.2	15.0	26.2	6.6	8.5	13.3	5.3
Kidney & renal pelvis	10.5	14.2	7.7	11.0	15.0	7.6	9.3	12.3	7.4
Ureter	0.6	0.9	0.3	0.7	1.1	0.3	~	~	~
Other	0.1	~	0.1	0.1	~	~	~	0.0	~
Eye & Orbit	0.6	0.8	0.5	0.7	0.8	0.7	~	~	~
Brain & Nervous System	5.7	7.0	4.5	6.6	8.1	5.3	3.5	4.4	2.8
Brain	5.5	6.8	4.3	6.3	7.8	5.0	3.4	4.3	2.7
Cranial nerves & other	0.2	0.2	0.2	0.3	0.3	0.3	~	~	~
Endocrine System	4.6	2.9	6.2	5.0	3.4	6.7	3.9	1.6	5.6
Thyroid	4.1	2.3	5.7	4.5	2.7	6.4	3.1	1.3	4.6
Thymus & other	0.5	0.6	0.5	0.4	0.7	0.3	0.7	~	1.0
Lymphomas	16.0	18.1	14.4	17.7	20.3	15.6	10.8	11.2	10.5
Hodgkin's disease	2.5	2.6	2.5	2.9	3.1	2.9	1.6	1.4	1.8
Non-Hodgkin's lymphoma	13.5	15.5	11.9	14.8	17.2	12.8	9.2	9.8	8.7
Multiple Myeloma	5.6	6.7	4.8	4.4	5.2	3.8	9.0	11.2	7.7
Leukemias	9.3	12.2	7.3	10.0	12.8	7.9	7.9	10.6	6.2
Lymphocytic	4.3	5.8	3.2	4.6	6.0	3.5	3.5	5.0	2.5
Acute lymphocytic	1.2	1.5	0.9	1.3	1.6	1.1	0.9	1.2	0.8
Chronic lymphocytic	3.0	4.0	2.2	3.1	4.2	2.3	2.4	3.4	1.8
Other	0.2	0.3	~	0.2	~	~	~	~	0.0
Myeloid	3.8	4.9	3.1	4.0	5.3	3.2	3.3	4.0	2.8
Acute myeloid	2.5	3.0	2.3	2.8	3.3	2.6	2.0	2.4	1.7
Chronic myeloid	1.1	1.8	0.7	1.1	1.8	0.5	1.3	1.6	1.0
Other	0.1	~	~	0.1	~	~	~	0.0	~
Monocytic	0.1	~	~	0.2	~	~	~	0.0	~
Acute monocytic	0.1	~	~	0.2	~	~	~	0.0	~
Chronic monocytic	~	0.0	~	~	0.0	~	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	1.1	1.4	0.9	1.1	1.2	1.1	1.1	1.6	0.7
Other acute	0.6	0.7	0.6	0.6	0.6	0.7	0.7	0.9	0.5
Other chronic	~	~	~	~	~	~	~	~	0.0
Aleukemic, subleukemic & NOS	0.5	0.7	0.3	0.5	0.7	0.3	0.4	0.6	0.3
Other, Ill-defined & Unknown Sites	12.3	14.7	10.6	11.9	14.0	10.2	13.6	16.8	11.4
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ	7.0	0.2	12.5	7.4	0.2	13.7	5.4	0.2	9.2

TABLE F1 - AVERAGE ANNUAL CANCER INCIDENCE RATES PER 100,000 POPULATION. ALL RACES, BOTH SEXES, 1994-1998
AGE-ADJUSTED (1970 U.S. STANDARD) RATES, BY PRIMARY SITE AND GEOGRAPHIC AREA

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	398.1	403.4	409.6	379.7	404.8	388.0	370.4	399.9	407.8
Oral Cavity & Pharynx	10.4	11.2	10.2	9.7	11.5	9.7	9.1	10.1	10.6
Lip	0.9	0.5	0.9	0.8	1.2	0.7	0.4	0.8	2.0
Tongue	2.4	2.8	2.4	2.0	2.9	2.4	1.7	2.4	1.6
Salivary gland	1.0	1.0	0.6	1.2	0.9	1.1	1.1	0.9	1.0
Floor of mouth	1.0	1.1	1.2	0.8	1.3	0.7	1.0	0.9	0.7
Gum & other mouth	1.7	1.8	1.6	1.8	1.5	1.7	1.7	1.7	1.6
Nasopharynx	0.6	0.6	0.6	0.6	0.7	0.5	0.7	0.8	0.8
Tonsil	1.2	1.4	1.2	1.1	1.3	1.2	0.5	1.0	1.2
Oropharynx	0.4	0.5	0.6	0.4	~	~	~	0.4	0.5
Hypopharynx	0.9	1.0	0.8	0.8	1.0	0.7	1.2	0.9	0.9
Other	0.4	0.5	0.3	0.3	0.5	0.4	~	0.4	~
Digestive System	76.8	80.1	77.3	73.6	79.8	71.6	72.9	76.2	76.1
Esophagus	4.6	4.7	5.2	3.6	4.3	4.4	4.9	4.7	5.3
Stomach	7.4	8.0	7.0	7.6	7.3	5.9	5.9	8.0	7.6
Small intestine	1.4	1.7	1.2	1.3	1.3	1.4	1.6	1.5	1.0
Colon & rectum	45.9	47.0	47.3	43.8	46.2	43.3	43.3	47.7	44.4
Colon	33.3	35.3	34.6	31.0	33.3	31.5	29.9	33.0	33.7
Rectum & rectosigmoid	12.6	11.7	12.7	12.8	13.0	11.9	13.5	14.6	10.8
Anus, anal canal & anorectum	1.1	1.4	1.1	0.7	1.0	0.8	1.4	1.0	1.2
Liver & Intrahepatic bile ducts	3.8	4.7	3.6	4.2	4.0	3.6	3.1	3.1	2.7
Liver	3.4	4.3	3.2	3.6	3.5	3.2	2.8	2.7	2.5
Intrahepatic bile ducts	0.4	0.4	0.4	0.6	0.6	0.4	~	0.4	~
Gallbladder	0.9	1.1	1.0	0.9	0.9	1.0	0.6	0.5	0.7
Other biliary tract	1.0	1.1	0.7	0.8	1.3	0.9	1.3	0.5	1.4
Pancreas	10.3	9.8	9.9	10.3	12.9	10.1	10.1	8.7	11.2
Retroperitoneum	0.2	0.1	0.2	~	0.3	~	~	~	~
Peritoneum, omentum & mesentery	0.1	0.2	0.1	~	~	~	~	0.2	~
Other	0.2	0.3	~	0.2	~	0.0	~	0.2	0.3
Respiratory System	77.7	78.2	75.5	75.8	84.4	78.5	77.6	72.3	81.2
Nose, nasal cavity & middle ear	0.7	0.6	0.6	0.3	1.0	0.4	0.9	0.4	1.3
Larynx	5.8	6.7	5.8	4.8	6.7	5.4	5.5	5.7	3.9
Lung & bronchus	70.0	69.0	67.8	69.1	75.7	71.4	70.5	65.7	75.4
Pleura	1.0	1.7	1.0	1.4	0.8	0.9	0.7	0.4	0.5
Trachea & other	0.2	0.1	0.2	0.3	0.2	~	~	~	~
Bones & Joints	0.8	1.0	0.7	0.8	1.0	0.8	0.9	0.3	0.5
Soft Tissues (incl heart)	2.4	2.6	2.0	2.1	2.4	3.2	2.1	2.5	2.5
Skin (exclude basal & squamous)	8.7	7.1	6.5	6.6	9.6	13.8	7.7	10.1	13.7
Melanomas of skin	6.7	4.2	5.0	5.5	7.7	11.8	6.4	8.7	10.6
Other non-epithelial skin	2.0	2.9	1.5	1.2	2.0	2.0	1.3	1.4	3.1
Breast	55.4	60.3	57.4	52.6	56.6	48.1	48.0	53.6	55.4

Female Genital System	21.0	21.7	20.8	18.2	19.8	19.9	20.1	24.3	22.7
Cervix uteri	5.1	5.6	4.5	3.7	5.1	5.2	5.3	6.1	5.6
Corpus uteri	8.0	8.0	7.6	7.2	7.6	8.3	6.9	9.3	9.1
Uterus, NOS	0.4	0.4	0.5	0.2	0.2	~	~	0.5	0.6
Ovary	5.8	5.8	6.1	5.8	5.3	4.6	5.6	6.7	5.8
Vagina	0.5	0.5	0.5	0.2	0.4	0.4	0.5	0.6	0.6
Vulva	1.1	1.1	1.4	0.9	1.0	1.1	1.3	0.9	0.7
Other	0.2	0.3	0.3	~	~	0.0	~	0.3	~
Male Genital System	64.3	59.0	79.0	59.7	57.4	61.0	54.5	72.3	64.8
Prostate	62.0	56.8	76.7	57.8	54.7	58.0	52.7	70.0	63.0
Testis	1.8	1.7	1.8	1.5	2.4	2.5	1.4	1.9	0.9
Penis	0.4	0.4	0.5	0.4	0.3	0.4	~	0.4	0.6
Other	0.1	~	~	0.0	~	~	~	~	~
Urinary System	27.0	28.1	28.4	28.4	26.5	29.4	25.0	24.8	23.7
Urinary bladder (incl in situ)	15.0	15.9	15.8	15.7	14.0	18.3	13.7	13.4	12.9
Kidney & renal pelvis	11.3	11.4	12.1	12.2	11.8	10.3	10.7	10.6	10.1
Ureter	0.5	0.5	0.4	0.4	0.6	0.7	0.4	0.7	0.4
Other	0.1	0.2	~	~	~	~	~	~	~
Eye & Orbit	0.6	0.6	0.5	0.8	0.7	0.6	0.7	0.5	0.8
Brain & Nervous System	5.6	5.4	6.0	5.1	6.1	4.8	4.8	5.6	6.6
Brain	5.3	5.1	5.6	4.8	5.6	4.5	4.7	5.3	6.3
Cranial nerves & other	0.3	0.3	0.4	0.3	0.5	~	~	0.3	~
Endocrine System	4.7	4.7	4.9	4.4	5.0	5.5	3.4	4.4	6.0
Thyroid	4.2	4.1	4.2	4.0	4.6	5.0	2.8	3.7	5.6
Thymus & other	0.5	0.6	0.7	0.4	0.4	0.5	0.6	0.6	0.3
Lymphomas	16.8	17.6	15.5	18.4	17.0	17.1	17.2	15.2	16.1
Hodgkin's disease	2.3	2.2	2.1	2.2	2.6	1.9	2.9	2.2	2.7
Non-Hodgkin's lymphoma	14.4	15.3	13.4	16.2	14.4	15.2	14.2	13.1	13.4
Multiple Myeloma	5.0	4.8	5.0	4.2	4.5	5.3	5.2	4.9	6.9
Leukemias	8.6	8.4	7.8	7.3	9.5	8.1	9.1	9.2	9.7
Lymphocytic	3.8	3.3	3.4	3.4	4.3	3.5	3.3	4.2	5.2
Acute lymphocytic	1.2	1.3	1.3	1.1	1.2	1.0	1.2	1.1	1.2
Chronic lymphocytic	2.4	2.0	2.0	2.0	3.0	2.4	2.0	2.9	3.8
Other	0.1	~	~	0.2	~	~	~	0.2	~
Myeloid	3.8	4.0	3.7	2.8	4.2	3.8	4.6	3.4	3.6
Acute myeloid	2.5	2.8	2.6	1.9	2.5	2.5	3.3	2.1	2.6
Chronic myeloid	1.1	1.1	1.0	0.8	1.6	1.2	1.2	1.2	1.0
Other	0.1	0.1	~	~	~	~	~	~	~
Monocytic	0.1	0.1	0.2	~	0.2	~	~	~	~
Acute monocytic	0.1	~	0.2	~	~	0.0	~	~	~
Chronic monocytic	0.0	~	0.0	~	~	~	~	0.0	0.0
Other	~	~	0.0	0.0	0.0	~	0.0	0.0	0.0
Other	0.9	1.0	0.6	1.0	0.7	0.6	1.0	1.4	0.7
Other acute	0.5	0.6	0.3	0.6	0.4	~	0.6	0.9	0.3
Other chronic	0.1	~	~	~	~	0.0	0.0	~	~
Aleukemic, subleukemic & NOS	0.3	0.3	0.2	0.3	0.3	~	0.4	0.5	0.4
Other, Ill-defined & Unknown Sites	12.3	12.6	11.9	12.0	12.9	10.8	12.1	13.5	10.8
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ	7.5	8.7	8.3	6.9	6.6	6.0	6.1	7.5	7.0

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE F2 - AVERAGE ANNUAL CANCER INCIDENCE RATES PER 100,000 POPULATION. ALL RACES, MALES, 1994-1998
AGE-ADJUSTED (1970 U.S. STANDARD) RATES, BY PRIMARY SITE AND GEOGRAPHIC AREA.

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	504.0	507.1	528.3	471.6	505.5	479.9	461.8	518.1	527.0
Oral Cavity & Pharynx	16.5	18.2	16.0	15.1	17.4	14.3	14.0	16.3	18.2
Lip	1.7	1.1	1.6	1.8	2.2	1.5	0.8	1.6	4.2
Tongue	3.6	4.5	3.2	3.3	4.3	3.5	2.9	3.7	2.4
Salivary gland	1.2	1.2	1.0	1.7	1.1	1.0	1.2	1.2	1.4
Floor of mouth	1.7	2.0	2.0	1.0	2.0	1.4	1.6	1.3	1.4
Gum & other mouth	2.3	2.3	2.2	2.4	1.6	2.6	1.9	2.7	2.8
Nasopharynx	0.9	1.0	0.8	0.7	1.1	~	1.2	0.6	1.3
Tonsil	2.0	2.6	2.3	1.8	1.9	1.4	1.1	1.9	1.9
Oropharynx	0.8	1.0	1.0	0.5	~	~	~	0.9	0.9
Hypopharynx	1.6	1.7	1.5	1.4	1.9	1.4	2.0	1.5	1.6
Other	0.7	0.9	0.4	0.5	0.9	~	~	0.8	~
Digestive System	98.6	104.1	99.7	93.8	104.6	86.1	93.7	98.2	96.3
Esophagus	7.8	7.9	8.4	5.6	6.9	7.4	8.5	8.7	9.2
Stomach	11.0	12.3	10.3	11.4	11.0	8.7	8.1	11.6	12.1
Small intestine	1.6	1.9	1.1	1.8	1.3	1.5	2.3	2.1	0.8
Colon & rectum	56.6	57.8	59.6	53.6	60.1	49.7	53.0	58.5	53.1
Colon	39.8	42.0	42.2	36.9	42.0	36.1	36.2	38.5	38.6
Rectum & rectosigmoid	16.8	15.9	17.4	16.8	18.1	13.6	16.7	20.0	14.5
Anus, anal canal & anorectum	1.0	1.2	1.1	0.6	0.9	~	1.5	0.8	1.3
Liver & Intrahepatic bile ducts	5.9	8.0	5.6	5.9	6.6	5.2	4.1	4.7	3.4
Liver	5.4	7.6	5.1	4.9	5.9	5.0	3.7	4.3	3.2
Intrahepatic bile ducts	0.5	0.4	0.5	1.0	0.7	~	~	0.4	~
Gallbladder	0.6	0.7	0.5	0.7	0.7	~	~	0.6	~
Other biliary tract	1.2	1.4	0.6	1.2	1.3	1.3	1.6	0.7	1.8
Pancreas	12.4	12.2	12.2	12.2	14.9	11.2	13.3	9.9	13.9
Retroperitoneum	0.2	~	0.3	~	~	~	~	~	0.0
Peritoneum, omentum & mesentery	0.1	~	~	~	~	0.0	~	~	0.0
Other	0.3	0.3	0.0	~	~	0.0	~	~	~
Respiratory System	116.2	115.4	113.4	113.3	124.9	112.1	113.8	111.8	127.3
Nose, nasal cavity & middle ear	1.0	0.9	0.8	0.5	1.4	0.9	0.8	0.8	1.8
Larynx	10.4	12.3	10.5	8.9	11.9	9.3	9.1	10.2	7.5
Lung & bronchus	102.5	98.9	99.5	101.3	109.9	99.6	102.6	99.8	117.0
Pleura	1.9	3.0	2.2	2.3	1.3	1.9	1.2	1.0	0.8
Trachea & other	0.3	0.3	0.4	~	0.4	~	~	0.0	~
Bones & Joints	0.9	1.3	0.7	1.0	1.1	1.0	1.2	~	~
Soft Tissues (incl heart)	3.0	2.9	2.2	2.6	3.2	3.7	3.2	3.1	3.7
Skin (exclude basal & squamous)	11.8	11.6	8.4	8.0	12.8	17.0	8.2	13.1	18.7
Melanomas of skin	8.6	6.1	6.4	6.2	9.8	14.5	6.3	11.1	14.6
Other non-epithelial skin	3.2	5.5	2.0	1.8	3.0	2.5	2.0	2.0	4.1
Breast	1.5	1.5	1.9	1.3	1.6	~	1.5	1.1	1.8

Female Genital System----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cervix uteri----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Corpus uteri----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uterus, NOS----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ovary----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vagina----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vulva----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Male Genital System----------	151.6	143.2	182.5	134.8	134.4	138.4	127.5	174.6	157.1
Prostate ----------	146.8	138.5	177.6	130.9	128.5	132.4	123.9	169.6	153.2
Testis----------	3.6	3.6	3.6	3.1	4.9	4.9	2.9	3.8	1.9
Penis----------	1.0	0.9	1.1	0.9	0.7	1.0	~	1.0	1.5
Other----------	0.2	~	~	0.0	~	~	~	~	~
Urinary System----------	42.3	45.1	45.0	43.7	41.1	45.3	38.9	39.8	35.7
Urinary bladder (incl in situ)--	26.3	29.3	27.9	26.2	24.0	31.9	24.2	23.6	21.6
Kidney & renal pelvis----------	15.0	14.7	16.5	16.4	15.9	12.3	13.8	14.9	13.4
Ureter----------	0.8	0.7	0.5	0.9	0.9	0.9	~	1.3	~
Other----------	0.2	0.3	~	~	~	~	~	~	~
Eye & Orbit----------	0.8	0.7	0.7	0.8	0.7	0.9	1.1	0.6	0.7
Brain & Nervous System----------	6.6	6.3	6.4	5.6	7.4	6.6	6.3	6.6	8.3
Brain----------	6.2	5.9	6.0	5.0	6.9	6.4	6.1	6.3	8.1
Cranial nerves & other----------	0.4	0.4	0.4	0.5	0.5	~	~	~	~
Endocrine System----------	2.8	2.7	3.0	2.6	2.8	2.9	2.4	2.6	3.7
Thyroid----------	2.2	2.0	2.2	2.2	2.3	2.3	1.5	2.1	3.3
Thymus & other----------	0.6	0.7	0.8	~	0.5	~	0.9	0.5	~
Lymphomas----------	19.8	22.7	17.9	20.6	19.7	20.9	18.0	17.0	19.9
Hodgkin's disease----------	2.6	2.9	2.7	2.4	2.5	2.4	3.0	2.1	2.9
Non-Hodgkin's lymphoma----------	17.2	19.8	15.2	18.2	17.2	18.5	15.0	14.8	17.0
Multiple Myeloma----------	6.2	6.0	5.9	5.0	6.3	7.3	6.2	5.6	8.5
Leukemias----------	10.9	10.1	10.2	8.5	12.0	10.7	11.8	11.9	12.9
Lymphocytic----------	5.1	4.3	4.5	4.2	6.0	5.2	4.5	5.4	7.3
Acute lymphocytic----------	1.5	1.6	1.6	1.1	1.6	1.4	1.3	1.1	2.1
Chronic lymphocytic----------	3.4	2.7	2.7	2.5	4.2	3.6	3.0	4.0	5.0
Other----------	0.2	~	~	0.6	~	~	~	~	~
Myeloid----------	4.6	4.6	4.6	3.3	5.1	4.8	6.1	4.7	4.2
Acute myeloid----------	2.9	2.9	3.1	2.4	2.9	3.0	4.2	2.6	2.6
Chronic myeloid----------	1.6	1.5	1.4	0.9	2.2	1.6	1.9	1.8	1.6
Other----------	0.1	~	~	0.0	0.0	~	~	~	0.0
Monocytic----------	0.2	~	0.3	0.0	~	~	~	~	~
Acute monocytic----------	0.1	~	0.3	0.0	~	0.0	~	~	~
Chronic monocytic----------	~	0.0	0.0	0.0	~	0.0	0.0	0.0	0.0
Other----------	~	~	0.0	0.0	0.0	~	0.0	0.0	0.0
Other----------	1.0	1.0	0.9	1.0	0.7	~	1.1	1.6	1.2
Other acute----------	0.5	0.6	0.3	0.5	~	~	~	0.9	~
Other chronic----------	~	~	~	~	0.0	0.0	0.0	~	~
Aleukemic, subleukemic & NOS--	0.5	0.4	0.5	~	0.4	~	~	0.6	0.6
Other, Ill-defined & Unknown Sites	14.7	15.4	14.3	14.7	15.6	12.0	13.8	15.5	14.1
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ----------	0.2	0.4	~	~	~	~	~	~	~

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE F3 - AVERAGE ANNUAL CANCER INCIDENCE RATES PER 100,000 POPULATION. ALL RACES, FEMALES, 1994-1998
AGE-ADJUSTED (1970 U.S. STANDARD) RATES, BY PRIMARY SITE AND GEOGRAPHIC AREA

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	324.2	335.4	323.4	310.9	333.0	320.0	305.8	320.0	327.4
Oral Cavity & Pharynx	5.5	5.7	5.5	5.0	6.5	5.5	5.1	5.4	4.7
Lip	0.2	~	0.3	0.0	0.3	~	~	~	~
Tongue	1.4	1.4	1.7	0.9	1.8	1.4	0.8	1.3	1.0
Salivary gland	0.8	0.9	0.3	0.9	0.8	1.1	1.0	0.6	0.8
Floor of mouth	0.5	0.5	0.4	0.5	0.7	~	0.6	0.6	~
Gum & other mouth	1.2	1.3	1.1	1.2	1.4	0.9	1.4	1.0	0.7
Nasopharynx	0.4	0.4	0.4	0.5	~	~	~	0.9	~
Tonsil	0.5	0.5	0.3	~	0.8	1.0	~	~	0.5
Oropharynx	0.1	~	0.3	~	0.0	0.0	0.0	~	~
Hypopharynx	0.3	0.4	0.3	~	0.3	~	~	0.4	~
Other	0.2	~	~	~	~	~	~	~	~
Digestive System	60.4	63.1	60.4	57.3	60.5	60.6	56.7	59.8	61.0
Esophagus	2.2	2.4	2.7	1.9	2.1	2.2	1.9	1.6	2.3
Stomach	4.7	5.0	4.5	4.7	4.4	3.8	4.2	5.4	4.3
Small intestine	1.2	1.5	1.3	1.0	1.3	1.3	1.0	1.0	1.2
Colon & rectum	37.9	39.5	38.3	35.9	35.6	38.6	36.2	39.6	37.9
Colon	28.7	30.9	29.1	26.2	26.8	28.2	25.4	29.0	30.1
Rectum & rectosigmoid	9.3	8.6	9.1	9.6	8.9	10.5	10.8	10.6	7.8
Anus, anal canal & anorectum	1.2	1.5	1.1	0.8	1.0	1.1	1.4	1.3	1.1
Liver & Intrahepatic bile ducts	2.2	2.3	2.0	2.8	2.2	2.4	2.1	1.9	2.2
Liver	1.9	2.0	1.7	2.5	1.6	1.9	2.0	1.5	2.0
Intrahepatic bile ducts	0.3	0.3	0.3	~	0.6	~	~	0.4	~
Gallbladder	1.1	1.3	1.4	0.9	1.1	1.4	0.6	0.5	0.9
Other biliary tract	0.8	0.9	0.8	0.5	1.2	~	1.1	0.4	1.1
Pancreas	8.6	8.1	8.1	8.7	11.2	9.2	7.5	7.7	9.2
Retroperitoneum	0.1	~	~	~	~	0.0	~	~	~
Peritoneum, omentum & mesentery	0.2	0.2	~	~	~	~	~	~	~
Other	0.1	0.3	~	~	0.0	0.0	~	~	~
Respiratory System	48.9	52.0	46.5	45.9	53.5	51.8	50.2	43.6	47.6
Nose, nasal cavity & middle ear	0.4	0.4	0.4	~	0.6	~	0.9	~	0.9
Larynx	2.2	2.4	2.1	1.5	2.6	2.3	2.7	2.2	1.2
Lung & bronchus	45.9	48.4	43.8	43.5	49.9	48.9	46.1	41.1	45.2
Pleura	0.4	0.8	~	0.6	0.4	~	~	~	~
Trachea & other	0.1	~	~	~	~	~	~	~	~
Bones & Joints	0.7	0.7	0.7	0.7	0.9	~	~	~	0.8
Soft Tissues (incl heart)	2.0	2.4	1.8	1.8	1.7	2.6	1.3	2.0	1.6
Skin (exclude basal & squamous)	6.3	3.4	4.8	5.6	7.2	11.2	7.3	7.9	10.3
Melanomas of skin	5.2	2.8	3.8	5.0	6.0	9.7	6.4	6.9	7.8
Other non-epithelial skin	1.1	0.7	1.1	0.6	1.2	1.5	0.9	1.0	2.4
Breast	99.1	105.5	103.3	97.0	102.2	88.4	85.8	95.0	97.1

Female Genital System----------	38.2	38.6	38.0	34.0	36.3	37.2	37.2	43.5	40.5
Cervix uteri----------	9.6	10.3	8.5	7.1	9.7	10.1	10.4	11.3	10.2
Corpus uteri----------	14.4	14.1	13.8	13.4	13.7	15.2	12.4	16.4	16.2
Uterus, NOS----------	0.7	0.6	0.9	0.4	0.4	~	~	0.8	1.0
Ovary----------	10.5	10.4	11.1	10.8	9.7	8.7	10.4	11.9	10.4
Vagina----------	0.8	0.8	0.8	0.5	0.7	0.7	0.9	1.1	1.0
Vulva----------	1.9	2.0	2.4	1.6	1.8	2.0	2.3	1.6	1.2
Other----------	0.4	0.5	0.5	~	~	0.0	~	0.5	~
Male Genital System----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prostate ----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Testis----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Penis----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Urinary System----------	15.7	16.8	15.8	16.3	15.2	17.3	14.6	13.6	15.2
Urinary bladder (incl in situ)--	6.8	7.2	6.9	7.6	6.5	8.0	6.0	5.9	6.8
Kidney & renal pelvis----------	8.4	9.0	8.5	8.6	8.4	8.8	8.3	7.2	7.8
Ureter----------	0.3	0.4	0.3	~	~	~	~	0.4	~
Other----------	0.1	~	~	0.0	0.0	0.0	~	~	~
Eye & Orbit----------	0.5	0.4	0.3	0.7	0.8	~	~	0.5	0.8
Brain & Nervous System----------	4.8	4.8	5.6	4.7	4.8	3.2	3.4	4.8	5.1
Brain----------	4.5	4.6	5.2	4.6	4.4	2.9	3.3	4.6	4.7
Cranial nerves & other----------	0.3	0.2	0.4	~	0.4	~	~	~	~
Endocrine System----------	6.5	6.6	6.7	6.0	7.0	8.0	4.5	5.9	8.0
Thyroid----------	6.1	6.0	6.1	5.6	6.6	7.6	4.1	5.2	7.7
Thymus & other----------	0.5	0.5	0.7	~	0.4	~	~	0.7	~
Lymphomas----------	14.2	13.5	13.4	16.5	14.7	13.8	16.5	14.0	13.2
Hodgkin's disease----------	2.1	1.7	1.4	2.1	2.6	1.5	2.8	2.3	2.6
Non-Hodgkin's lymphoma----------	12.2	11.8	11.9	14.4	12.0	12.4	13.7	11.7	10.6
Multiple Myeloma----------	4.1	4.0	4.3	3.5	3.2	3.6	4.4	4.5	5.7
Leukemias----------	6.9	7.3	5.9	6.3	7.7	6.0	7.1	7.2	7.6
Lymphocytic----------	2.8	2.4	2.4	2.8	3.2	2.0	2.3	3.4	3.7
Acute lymphocytic----------	1.0	1.0	1.0	1.2	0.8	~	1.1	1.1	~
Chronic lymphocytic----------	1.8	1.4	1.3	1.6	2.2	1.5	1.2	2.2	3.0
Other----------	0.1	0.0	~	~	~	0.0	0.0	~	~
Myeloid----------	3.2	3.8	3.0	2.4	3.6	3.2	3.7	2.5	3.4
Acute myeloid----------	2.3	2.8	2.3	1.5	2.2	2.2	2.8	1.7	2.8
Chronic myeloid----------	0.8	0.9	0.6	0.7	1.2	0.9	0.7	0.7	0.6
Other----------	0.1	~	~	~	~	~	~	~	~
Monocytic----------	0.1	~	~	~	~	~	~	~	~
Acute monocytic----------	0.1	~	~	~	~	0.0	~	~	~
Chronic monocytic----------	0.0	~	0.0	~	~	~	~	0.0	0.0
Other----------	~	~	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other----------	0.8	0.9	0.5	0.9	0.7	0.7	0.9	1.3	~
Other acute----------	0.5	0.6	~	0.5	0.5	~	0.7	0.9	~
Other chronic----------	0.1	~	~	~	~	0.0	0.0	~	0.0
Aleukemic, subleukemic & NOS--	0.2	0.2	~	~	~	~	~	0.4	~
Other, Ill-defined & Unknown Sites	10.3	10.4	10.1	9.7	10.8	9.7	10.7	12.0	8.2
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ----------	13.5	15.3	15.3	12.8	12.1	11.0	11.0	13.3	12.4

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE F4 - AVERAGE ANNUAL CANCER INCIDENCE RATES PER 100,000 POPULATION. WHITES, BOTH SEXES, 1994-1998
AGE-ADJUSTED (1970 U.S. STANDARD) RATES, BY PRIMARY SITE AND GEOGRAPHIC AREA

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	393.8	387.3	406.3	385.9	404.6	392.5	371.4	396.2	405.5
Oral Cavity & Pharynx	10.5	10.9	10.6	9.8	11.6	9.4	8.4	9.9	12.1
Lip	1.1	0.7	1.2	0.9	1.4	0.9	0.5	1.1	2.7
Tongue	2.5	3.1	2.6	2.0	3.1	2.3	1.5	2.4	1.7
Salivary gland	1.1	1.1	0.6	1.3	1.1	1.1	1.1	1.1	1.4
Floor of mouth	0.9	1.0	1.3	0.8	1.1	0.8	0.8	0.6	0.8
Gum & other mouth	1.6	1.7	1.6	1.6	1.5	1.4	1.5	1.7	1.9
Nasopharynx	0.6	0.5	0.7	0.6	0.6	0.4	0.8	0.6	0.7
Tonsil	1.2	1.2	1.3	1.2	1.4	1.4	0.6	0.9	1.4
Oropharynx	0.4	0.5	0.5	0.4	~	~	~	0.4	~
Hypopharynx	0.8	0.8	0.7	0.8	1.0	0.6	0.9	0.8	1.0
Other	0.3	0.4	0.2	0.3	0.4	~	~	0.3	~
Digestive System	72.0	71.3	72.0	73.4	76.0	68.1	70.1	72.7	70.2
Esophagus	3.7	3.6	4.4	3.1	3.8	3.5	3.3	4.0	3.4
Stomach	5.5	5.7	5.2	6.8	5.5	4.8	4.5	5.7	5.5
Small intestine	1.3	1.6	1.0	1.2	1.1	1.6	1.3	1.1	0.8
Colon & rectum	45.2	44.4	46.3	45.3	46.2	42.7	43.2	47.7	44.5
Colon	32.5	33.0	33.5	31.9	32.5	30.5	29.0	33.0	33.9
Rectum & rectosigmoid	12.8	11.4	12.8	13.4	13.6	12.2	14.2	14.7	10.6
Anus, anal canal & anorectum	1.2	1.4	1.1	0.7	0.9	0.8	1.5	1.2	1.4
Liver & Intrahepatic bile ducts	3.5	3.6	3.2	4.3	3.7	3.1	3.5	3.3	2.4
Liver	3.1	3.3	2.9	3.7	3.1	2.8	3.3	3.0	2.2
Intrahepatic bile ducts	0.4	0.4	0.3	0.6	0.6	~	~	0.3	~
Gallbladder	0.7	1.0	0.7	0.8	0.7	0.8	0.6	0.4	0.6
Other biliary tract	1.0	0.9	0.7	0.8	1.3	1.1	1.5	0.6	1.5
Pancreas	9.5	8.4	9.0	10.0	12.3	9.5	9.7	8.3	9.6
Retroperitoneum	0.2	0.2	0.2	~	0.3	~	~	~	0.0
Peritoneum, omentum & mesentery	0.2	0.2	~	~	~	~	~	~	~
Other	0.1	0.3	0.0	~	~	0.0	~	~	~
Respiratory System	75.9	72.6	73.8	75.8	80.6	79.7	80.2	71.9	81.3
Nose, nasal cavity & middle ear	0.7	0.6	0.7	~	1.0	0.4	0.8	0.4	1.5
Larynx	5.2	5.3	5.6	4.5	6.3	5.4	5.7	4.5	3.4
Lung & bronchus	68.7	64.8	66.0	69.4	72.3	72.5	72.8	66.3	75.8
Pleura	1.2	1.8	1.2	1.6	0.8	1.0	0.8	0.6	0.6
Trachea & other	0.2	~	0.2	~	~	~	~	0.0	~
Bones & Joints	0.8	1.1	0.6	0.8	1.0	0.6	1.0	~	~
Soft Tissues (incl heart)	2.2	2.4	1.7	2.2	2.5	3.0	1.5	2.1	2.3
Skin (exclude basal & squamous)	10.7	9.0	8.2	7.9	11.4	16.5	9.4	12.5	17.9
Melanomas of skin	8.7	5.8	6.6	6.6	9.5	14.4	8.0	11.0	14.9
Other non-epithelial skin	2.0	3.2	1.5	1.3	1.8	2.1	1.3	1.4	3.0
Breast	56.1	59.4	58.4	54.5	56.6	49.0	50.4	55.6	57.1

Female Genital System----------	19.9	19.5	20.1	18.0	19.0	20.8	19.6	23.0	20.8
Cervix uteri----------	3.7	3.0	3.3	2.9	4.5	5.2	4.3	4.5	4.1
Corpus uteri----------	8.1	8.4	7.8	7.5	7.3	8.6	7.1	9.0	8.9
Uterus, NOS----------	0.3	0.4	0.2	~	~	~	~	0.3	~
Ovary----------	6.1	6.2	6.5	6.1	5.3	5.1	5.9	7.4	5.9
Vagina----------	0.4	0.3	0.4	~	0.2	~	~	0.4	0.6
Vulva----------	1.1	0.9	1.6	1.0	1.2	1.3	1.5	1.0	0.7
Other----------	0.2	0.3	0.3	~	~	0.0	~	0.3	~
Male Genital System----------	60.5	54.3	76.1	58.7	58.2	59.5	50.2	65.9	57.4
Prostate ----------	57.7	51.6	73.1	56.4	54.6	56.0	47.9	62.5	55.4
Testis----------	2.4	2.4	2.5	1.9	3.2	3.0	1.9	2.8	1.1
Penis----------	0.4	0.3	0.5	0.4	0.2	~	~	0.5	0.7
Other----------	0.1	~	~	0.0	~	~	~	~	~
Urinary System----------	29.3	30.0	31.3	30.6	29.0	31.8	26.6	27.6	25.7
Urinary bladder (incl in situ)--	17.0	18.2	18.5	17.3	15.7	20.4	15.0	15.2	14.7
Kidney & renal pelvis----------	11.6	11.0	12.1	12.7	12.5	10.8	10.9	11.5	10.3
Ureter----------	0.6	0.6	0.5	0.5	0.6	0.7	0.4	0.9	0.6
Other----------	0.1	0.2	~	~	~	0.0	~	~	~
Eye & Orbit----------	0.8	0.8	0.7	0.9	0.9	0.7	0.5	0.8	0.9
Brain & Nervous System----------	6.3	6.0	7.1	5.1	6.9	5.3	5.5	6.7	7.5
Brain----------	6.0	5.8	6.8	4.8	6.5	5.1	5.3	6.4	7.1
Cranial nerves & other----------	0.3	0.3	0.3	0.3	0.4	~	~	~	~
Endocrine System----------	5.3	5.8	5.4	5.0	5.5	5.6	3.8	4.7	6.4
Thyroid----------	4.8	5.0	4.8	4.5	5.1	5.0	3.1	4.3	6.2
Thymus & other----------	0.5	0.7	0.6	0.5	0.4	0.6	0.7	0.4	~
Lymphomas----------	18.7	19.7	17.4	20.3	19.0	18.5	18.8	16.4	18.6
Hodgkin's disease----------	2.8	2.9	2.5	2.4	3.1	2.1	3.5	2.3	3.3
Non-Hodgkin's lymphoma----------	15.9	16.8	14.9	17.8	16.0	16.4	15.3	14.0	15.3
Multiple Myeloma----------	3.9	3.4	3.7	3.2	3.9	4.9	4.3	3.9	5.4
Leukemias----------	9.2	9.2	8.6	8.0	10.1	8.3	9.2	9.7	11.2
Lymphocytic----------	4.1	3.9	3.8	3.6	4.8	3.2	3.4	4.4	6.1
Acute lymphocytic----------	1.4	1.7	1.6	1.2	1.4	1.0	1.3	1.3	1.5
Chronic lymphocytic----------	2.6	2.2	2.0	2.1	3.2	2.1	2.1	2.9	4.5
Other----------	0.2	~	~	0.3	~	~	~	0.2	~
Myeloid----------	3.9	4.1	4.0	3.0	4.2	4.2	4.6	3.5	4.3
Acute myeloid----------	2.7	2.8	2.8	2.0	2.6	2.7	3.5	2.2	3.1
Chronic myeloid----------	1.2	1.2	1.1	0.9	1.5	1.3	1.0	1.1	1.1
Other----------	0.1	~	~	~	~	~	~	~	~
Monocytic----------	0.2	~	0.2	~	~	~	~	~	~
Acute monocytic----------	0.1	~	0.2	~	~	0.0	~	~	~
Chronic monocytic----------	~	~	0.0	~	~	~	~	0.0	0.0
Other----------	~	~	0.0	0.0	0.0	~	0.0	0.0	0.0
Other----------	1.0	1.0	0.6	1.2	0.8	0.7	1.0	1.6	0.6
Other acute----------	0.6	0.7	0.3	0.7	0.5	~	0.5	1.0	~
Other chronic----------	0.1	~	~	~	~	0.0	0.0	~	0.0
Aleukemic, subleukemic & NOS--	0.3	0.2	0.3	0.4	0.3	~	0.5	0.5	0.4
Other, Ill-defined & Unknown Sites	11.7	11.9	10.8	11.7	12.5	10.7	12.0	12.8	10.4
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ----------	7.8	8.9	8.6	7.5	7.0	6.5	6.5	7.9	7.5

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE F5 - AVERAGE ANNUAL CANCER INCIDENCE RATES PER 100,000 POPULATION. WHITE MALES, 1994-1998
AGE-ADJUSTED (1970 U.S. STANDARD) RATES, BY PRIMARY SITE AND GEOGRAPHIC AREA

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	487.4	477.7	510.7	472.1	497.6	482.1	450.5	493.3	509.1
Oral Cavity & Pharynx	16.2	17.7	16.3	14.6	17.7	13.6	13.3	15.2	19.9
Lip	2.2	1.4	2.2	2.0	2.7	1.8	1.0	2.2	5.5
Tongue	3.6	4.9	3.6	3.2	4.3	2.9	2.3	3.3	2.5
Salivary gland	1.4	1.3	1.2	1.6	1.5	1.1	1.4	1.3	1.9
Floor of mouth	1.5	1.8	2.1	0.9	1.8	1.6	1.3	0.9	1.5
Gum & other mouth	2.1	2.1	1.9	2.0	1.5	2.2	1.7	2.3	3.2
Nasopharynx	0.8	0.8	0.8	0.7	1.0	~	1.5	~	~
Tonsil	2.0	2.1	2.5	1.9	1.9	1.6	1.2	1.8	2.1
Oropharynx	0.7	0.9	0.7	0.6	~	~	~	0.9	~
Hypopharynx	1.4	1.5	1.1	1.3	1.9	1.1	1.6	1.5	1.5
Other	0.5	0.8	~	~	0.8	~	~	~	~
Digestive System	93.1	93.8	94.3	95.1	99.1	84.3	89.2	92.8	89.4
Esophagus	6.2	6.1	7.1	5.0	5.7	6.4	5.4	7.2	6.0
Stomach	8.3	8.7	8.1	10.6	8.4	7.3	6.4	7.5	7.7
Small intestine	1.4	1.8	1.0	1.4	1.0	1.8	1.8	1.6	~
Colon & rectum	56.6	55.8	59.3	56.2	59.7	50.3	53.3	58.3	55.7
Colon	39.2	40.1	41.4	38.5	40.8	35.2	35.1	37.9	40.6
Rectum & rectosigmoid	17.4	15.8	18.0	17.6	18.9	15.2	18.1	20.4	15.1
Anus, anal canal & anorectum	1.1	1.4	1.2	0.6	0.8	~	1.7	1.0	1.4
Liver & Intrahepatic bile ducts	5.5	6.8	5.0	5.9	6.3	4.9	4.7	5.0	2.8
Liver	5.0	6.4	4.5	5.1	5.5	4.7	4.2	4.7	2.5
Intrahepatic bile ducts	0.5	0.5	0.5	0.8	0.8	~	~	~	~
Gallbladder	0.5	0.7	~	0.8	0.7	~	~	~	~
Other biliary tract	1.3	1.4	0.7	1.2	1.4	1.6	1.7	0.7	1.8
Pancreas	11.8	10.4	11.2	12.5	14.5	11.2	12.7	10.4	13.0
Retroperitoneum	0.3	~	~	~	~	~	~	~	0.0
Peritoneum, omentum & mesentery	0.1	~	~	~	~	0.0	~	~	0.0
Other	0.2	~	0.0	~	~	0.0	~	~	~
Respiratory System	108.7	101.3	104.3	110.5	113.7	112.1	114.2	103.9	124.2
Nose, nasal cavity & middle ear	0.9	0.7	0.8	~	1.5	~	~	0.7	1.9
Larynx	9.0	9.2	9.9	8.0	10.7	9.2	9.3	7.7	6.4
Lung & bronchus	96.3	87.7	90.7	99.2	99.8	99.4	102.7	94.1	114.7
Pleura	2.2	3.4	2.6	2.7	1.3	2.1	1.3	1.4	1.2
Trachea & other	0.3	~	~	~	~	~	~	0.0	0.0
Bones & Joints	0.8	1.1	0.5	1.0	0.9	~	1.2	~	~
Soft Tissues (incl heart)	2.8	2.5	1.9	2.5	3.9	3.7	2.0	2.9	3.6
Skin (exclude basal & squamous)	14.3	14.5	10.6	9.4	14.8	20.0	9.5	16.8	23.3
Melanomas of skin	11.1	8.5	8.6	7.4	12.1	17.4	7.6	14.5	19.4
Other non-epithelial skin	3.2	6.0	2.0	2.1	2.7	2.6	1.8	2.3	3.9
Breast	1.3	1.3	1.7	1.1	1.3	~	1.6	1.0	1.6

Female Genital System	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cervix uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Corpus uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uterus, NOS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ovary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Male Genital System	140.0	129.8	171.8	131.2	133.9	134.4	115.7	154.4	134.7
Prostate	134.1	124.2	165.5	126.5	126.6	127.4	111.0	147.6	130.4
Testis	4.8	4.8	5.0	3.7	6.5	5.9	3.8	5.6	2.3
Penis	0.9	0.8	1.0	0.9	0.5	~	~	1.1	1.6
Other	0.2	~	~	0.0	~	~	~	~	~
Urinary System	46.3	48.6	49.8	46.9	45.5	48.4	42.0	44.7	39.9
Urinary bladder (incl in situ)	29.8	33.4	32.6	28.8	27.0	34.8	27.0	26.8	24.7
Kidney & renal pelvis	15.5	14.2	16.5	16.8	17.3	12.6	14.1	16.2	14.2
Ureter	0.9	0.8	0.6	1.0	1.1	~	~	1.6	~
Other	0.2	~	~	~	~	0.0	~	~	~
Eye & Orbit	0.9	1.1	1.0	0.9	0.8	~	~	0.8	~
Brain & Nervous System	7.5	7.2	7.9	5.5	8.4	7.3	7.1	7.9	9.4
Brain	7.1	6.9	7.6	4.9	7.8	7.1	6.8	7.5	9.3
Cranial nerves & other	0.4	~	0.4	0.6	~	~	~	~	~
Endocrine System	3.3	3.3	3.3	3.2	3.0	3.3	3.0	2.9	4.3
Thyroid	2.6	2.5	2.6	2.7	2.6	2.8	1.8	2.4	3.9
Thymus & other	0.6	0.9	0.7	~	~	~	1.2	~	~
Lymphomas	22.0	25.7	19.7	22.6	21.6	22.3	20.1	19.4	21.9
Hodgkin's disease	3.2	3.6	3.2	2.6	3.1	2.8	3.9	2.6	3.1
Non-Hodgkin's lymphoma	18.8	22.1	16.6	19.9	18.5	19.5	16.2	16.8	18.8
Multiple Myeloma	4.9	4.2	4.3	4.0	5.6	7.0	5.1	3.8	7.4
Leukemias	11.5	11.2	10.6	9.4	12.3	11.2	11.7	12.6	14.1
Lymphocytic	5.3	5.0	4.4	4.5	6.2	5.2	4.6	5.9	7.4
Acute lymphocytic	1.7	2.1	1.7	1.2	1.8	1.7	1.2	1.5	2.2
Chronic lymphocytic	3.4	2.8	2.6	2.5	4.1	3.2	3.2	4.1	5.1
Other	0.2	~	~	0.7	~	~	~	~	~
Myeloid	4.9	5.0	4.8	3.8	5.1	5.1	6.0	4.7	5.3
Acute myeloid	3.1	3.1	3.1	2.7	3.0	3.0	4.3	2.6	3.3
Chronic myeloid	1.7	1.7	1.6	1.0	2.1	1.9	1.5	1.9	2.0
Other	0.1	~	~	0.0	0.0	~	~	~	0.0
Monocytic	0.2	~	0.4	0.0	~	~	~	~	~
Acute monocytic	0.2	~	0.4	0.0	~	0.0	~	~	~
Chronic monocytic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	~	0.0	0.0	0.0	0.0	~	0.0	0.0	0.0
Other	1.1	1.1	0.9	1.2	0.9	~	~	1.5	1.1
Other acute	0.5	0.7	~	0.6	~	~	~	0.9	~
Other chronic	~	~	~	~	0.0	0.0	0.0	~	0.0
Aleukemic, subleukemic & NOS	0.5	0.3	~	~	~	~	~	~	~
Other, Ill-defined & Unknown Sites	13.9	14.4	12.5	14.2	15.0	12.3	14.1	13.8	14.2
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ	0.2	0.5	~	~	~	~	~	~	~

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE F6 - AVERAGE ANNUAL CANCER INCIDENCE RATES PER 100,000 POPULATION. WHITE FEMALES, 1994-1998
AGE-ADJUSTED (1970 U.S. STANDARD) RATES, BY PRIMARY SITE AND GEOGRAPHIC AREA

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	328.5	329.5	329.5	321.4	338.4	325.3	315.8	330.2	334.4
Oral Cavity & Pharynx	5.7	5.7	5.9	5.7	6.6	5.6	4.4	5.5	5.8
Lip	0.2	~	0.4	0.0	~	~	~	~	~
Tongue	1.5	1.5	1.7	1.1	2.1	1.7	0.9	1.6	1.1
Salivary gland	0.8	0.9	~	0.9	0.8	1.1	0.9	0.9	1.0
Floor of mouth	0.4	0.4	0.6	0.7	0.5	0.0	~	~	~
Gum & other mouth	1.2	1.3	1.2	1.2	1.5	~	1.1	1.2	0.8
Nasopharynx	0.4	0.3	0.6	0.5	~	~	~	0.6	~
Tonsil	0.5	0.5	0.4	~	0.8	1.2	~	~	0.8
Oropharynx	0.1	~	~	~	0.0	0.0	0.0	~	~
Hypopharynx	0.3	0.3	~	~	~	~	~	~	~
Other	0.1	~	~	~	~	~	~	~	~
Digestive System	56.0	55.1	55.0	55.8	58.1	55.5	55.1	57.6	55.2
Esophagus	1.7	1.7	2.1	1.4	2.1	1.4	1.5	1.4	1.4
Stomach	3.5	3.5	3.0	3.8	3.3	2.9	3.1	4.4	3.7
Small intestine	1.1	1.5	0.9	1.0	1.2	1.4	0.9	0.7	1.0
Colon & rectum	36.7	36.3	36.6	36.5	35.9	36.7	35.6	39.9	35.8
Colon	27.6	28.2	27.8	26.6	26.4	27.0	24.7	29.5	29.0
Rectum & rectosigmoid	9.1	8.1	8.8	9.9	9.5	9.6	10.9	10.4	6.8
Anus, anal canal & anorectum	1.2	1.4	1.1	0.8	1.0	1.2	1.4	1.4	1.6
Liver & Intrahepatic bile ducts	1.9	1.3	1.8	2.9	1.9	1.8	2.4	1.9	2.1
Liver	1.6	1.0	1.6	2.5	1.5	1.4	2.4	1.6	1.9
Intrahepatic bile ducts	0.3	0.3	~	~	0.4	~	~	~	~
Gallbladder	0.9	1.2	1.0	0.9	0.8	1.4	~	~	0.8
Other biliary tract	0.8	0.7	0.8	~	1.2	~	1.3	0.4	1.3
Pancreas	7.6	6.8	7.2	8.0	10.3	7.9	7.5	6.7	7.0
Retroperitoneum	0.1	~	~	~	~	0.0	~	~	0.0
Peritoneum, omentum & mesentery	0.2	0.2	~	~	~	~	~	~	~
Other	0.1	0.3	0.0	~	0.0	0.0	~	~	~
Respiratory System	51.4	52.8	50.1	48.0	55.4	53.3	54.4	48.5	49.7
Nose, nasal cavity & middle ear	0.5	0.5	0.6	~	0.6	~	1.0	~	1.2
Larynx	2.1	2.3	2.0	1.7	2.8	2.3	3.0	2.1	0.9
Lung & bronchus	48.3	49.3	47.2	45.5	51.5	50.2	49.9	46.1	47.2
Pleura	0.4	0.7	~	0.6	0.4	~	~	~	~
Trachea & other	0.1	0.0	~	~	~	~	0.0	0.0	~
Bones & Joints	0.8	1.1	0.7	0.6	1.1	~	~	~	~
Soft Tissues (incl heart)	1.8	2.4	1.5	2.0	1.4	2.2	1.0	1.5	1.4
Skin (exclude basal & squamous)	7.9	4.5	6.0	6.8	8.6	13.7	9.4	9.1	14.1
Melanomas of skin	6.9	3.9	4.9	6.1	7.4	12.1	8.4	8.3	11.7
Other non-epithelial skin	1.0	0.6	1.1	0.7	1.1	1.6	1.0	0.7	2.4
Breast	102.0	105.9	106.8	101.7	103.6	90.6	91.2	100.9	102.6

Female Genital System----------	36.9	35.5	37.1	34.1	35.3	39.4	36.7	42.3	38.3
Cervix uteri----------	7.2	5.7	6.2	5.6	8.7	10.2	8.5	8.6	7.7
Corpus uteri----------	14.8	15.0	14.3	14.1	13.5	15.9	13.0	16.5	16.2
Uterus, NOS----------	0.6	0.7	0.4	~	~	~	~	0.6	~
Ovary----------	11.3	11.3	11.9	11.5	9.8	9.7	11.0	13.5	11.1
Vagina----------	0.6	0.6	0.8	~	0.4	~	~	0.8	1.0
Vulva----------	2.0	1.6	2.8	1.8	2.2	2.3	2.7	1.8	1.3
Other----------	0.4	0.6	0.5	~	~	0.0	~	0.5	~
Male Genital System----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prostate ----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Testis----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Penis----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Urinary System----------	16.4	17.5	16.9	17.4	15.8	19.1	14.6	14.3	15.1
Urinary bladder (incl in situ)--	7.6	8.1	7.9	8.3	7.1	9.1	5.9	6.3	7.5
Kidney & renal pelvis----------	8.4	8.8	8.6	9.0	8.3	9.4	8.3	7.6	7.0
Ureter----------	0.4	0.5	0.4	~	~	~	~	~	~
Other----------	~	~	0.0	0.0	0.0	0.0	~	0.0	~
Eye & Orbit----------	0.7	0.5	0.4	0.9	0.9	~	~	0.8	0.9
Brain & Nervous System----------	5.3	5.2	6.3	4.9	5.5	3.6	4.1	5.7	5.8
Brain----------	5.1	5.0	6.1	4.8	5.2	3.5	3.9	5.6	5.1
Cranial nerves & other----------	0.2	~	~	~	~	~	~	~	~
Endocrine System----------	7.3	8.1	7.6	6.7	8.0	7.9	4.9	6.6	8.5
Thyroid----------	6.9	7.5	6.9	6.2	7.5	7.2	4.6	6.3	8.4
Thymus & other----------	0.5	0.6	0.6	~	~	~	~	~	~
Lymphomas----------	15.9	14.9	15.5	18.3	16.9	15.3	17.7	14.1	15.8
Hodgkin's disease----------	2.4	2.3	1.9	2.3	3.0	1.5	3.1	2.2	3.5
Non-Hodgkin's lymphoma----------	13.5	12.6	13.7	16.0	13.9	13.7	14.5	11.9	12.4
Multiple Myeloma----------	3.1	2.9	3.3	2.4	2.5	3.2	3.5	3.9	3.9
Leukemias----------	7.5	7.7	7.1	6.7	8.4	5.9	7.4	7.4	9.1
Lymphocytic----------	3.2	3.0	3.2	2.9	3.7	1.5	2.5	3.2	4.9
Acute lymphocytic----------	1.2	1.3	1.6	1.2	1.0	~	1.4	1.1	~
Chronic lymphocytic----------	1.9	1.8	1.5	1.7	2.5	1.2	1.1	1.9	4.0
Other----------	0.1	0.0	~	~	~	0.0	0.0	~	~
Myeloid----------	3.3	3.7	3.3	2.4	3.6	3.5	3.6	2.5	3.8
Acute myeloid----------	2.4	2.8	2.5	1.5	2.3	2.6	2.8	1.9	3.2
Chronic myeloid----------	0.8	0.8	0.7	0.8	1.2	0.8	~	0.4	~
Other----------	0.1	~	~	~	~	~	~	~	~
Monocytic----------	0.1	~	~	~	~	~	~	0.0	~
Acute monocytic----------	0.1	0.0	~	~	~	0.0	~	0.0	~
Chronic monocytic----------	~	~	0.0	~	~	~	~	0.0	0.0
Other----------	~	~	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other----------	0.9	1.0	0.5	1.2	0.8	~	1.0	1.7	~
Other acute----------	0.6	0.7	~	0.6	0.7	~	0.8	1.2	0.0
Other chronic----------	0.1	~	~	~	~	0.0	0.0	~	0.0
Aleukemic, subleukemic & NOS--	0.2	~	~	~	~	~	~	0.5	~
Other, Ill-defined & Unknown Sites	9.8	9.8	9.4	9.4	10.4	9.2	10.2	11.9	7.4
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ----------	14.4	16.0	16.2	14.3	13.0	12.1	11.9	14.6	13.8

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE F7 - AVERAGE ANNUAL CANCER INCIDENCE RATES PER 100,000 POPULATION. BLACKS, BOTH SEXES, 1994-1998
AGE-ADJUSTED (1970 U.S. STANDARD) RATES, BY PRIMARY SITE AND GEOGRAPHIC AREA

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	415.1	454.5	423.1	375.0	415.1	373.8	357.8	396.4	414.3
Oral Cavity & Pharynx	10.1	11.7	9.1	9.8	10.9	10.6	9.4	10.3	6.8
Lip	0.2	~	~	~	~	0.0	0.0	~	~
Tongue	2.0	2.3	1.9	2.2	2.2	2.9	1.9	2.1	1.2
Salivary gland	0.6	0.9	~	~	~	~	~	~	~
Floor of mouth	1.2	1.3	0.8	~	1.9	~	~	1.7	~
Gum & other mouth	1.9	2.1	1.7	2.9	1.6	2.6	1.9	1.8	1.0
Nasopharynx	0.6	0.6	~	~	0.9	~	~	1.0	~
Tonsil	1.1	1.9	1.0	~	1.2	~	~	1.2	~
Oropharynx	0.6	0.6	1.1	~	~	0.0	~	~	~
Hypopharynx	1.2	1.1	1.3	~	1.2	~	2.5	1.0	~
Other	0.6	0.7	0.6	~	~	~	~	0.8	~
Digestive System	91.3	101.8	91.9	78.0	93.6	89.3	82.4	83.8	91.2
Esophagus	7.6	7.6	7.3	6.3	6.0	8.3	11.2	6.5	10.3
Stomach	12.8	13.9	11.8	12.0	13.7	11.7	10.1	13.3	13.1
Small intestine	1.9	1.7	2.0	1.8	2.0	~	2.8	2.4	1.5
Colon & rectum	48.0	54.2	50.1	38.9	47.0	47.2	42.6	46.5	44.5
Colon	36.2	42.1	37.7	28.6	36.5	37.1	33.1	32.5	33.3
Rectum & rectosigmoid	11.7	12.1	12.4	10.3	10.4	10.1	9.5	14.0	11.2
Anus, anal canal & anorectum	1.0	1.4	0.9	~	1.1	~	~	0.7	~
Liver & Intrahepatic bile ducts	4.4	6.2	4.2	3.8	5.0	5.6	~	2.6	3.4
Liver	3.9	5.8	3.7	3.2	4.2	4.8	~	2.0	3.3
Intrahepatic bile ducts	0.5	0.4	~	~	~	~	0.0	~	~
Gallbladder	1.3	1.4	1.6	~	1.7	~	~	1.0	1.0
Other biliary tract	0.8	1.1	0.6	~	1.1	0.0	~	~	1.0
Pancreas	13.0	13.8	12.8	11.9	15.3	13.4	11.6	10.0	14.9
Retroperitoneum	0.1	~	~	0.0	~	0.0	~	0.0	~
Peritoneum, omentum & mesentery	0.1	~	~	0.0	~	0.0	0.0	0.0	0.0
Other	0.3	0.4	~	~	~	0.0	0.0	~	~
Respiratory System	83.9	93.2	81.4	80.5	100.1	75.5	69.5	71.8	81.7
Nose, nasal cavity & middle ear	0.7	0.8	~	~	0.9	~	~	~	~
Larynx	7.7	10.2	6.4	6.9	8.3	5.3	4.4	8.3	5.4
Lung & bronchus	74.6	80.6	73.9	71.8	90.0	69.4	63.6	62.9	75.1
Pleura	0.6	1.5	~	~	~	~	~	0.0	~
Trachea & other	0.2	~	~	~	~	0.0	~	~	~
Bones & Joints	0.7	0.7	0.9	1.1	1.0	~	~	~	~
Soft Tissues (incl heart)	2.9	2.9	2.8	1.8	2.0	4.3	5.0	2.7	2.9
Skin (exclude basal & squamous)	2.7	3.3	2.3	~	4.3	~	1.8	1.5	3.6
Melanomas of skin	0.8	0.7	0.8	~	1.9	~	~	~	~
Other non-epithelial skin	1.9	2.5	1.5	~	2.5	~	1.6	1.1	3.0
Breast	53.2	63.5	54.2	47.2	55.6	42.9	37.7	46.2	50.2

Female Genital System	24.5	27.2	23.3	20.3	23.4	16.0	21.3	26.7	26.6
Cervix uteri	9.0	10.9	8.2	8.2	7.3	5.9	8.5	9.6	8.8
Corpus uteri	8.0	7.9	7.1	6.3	8.9	6.6	6.2	9.4	9.8
Uterus, NOS	0.6	0.4	1.1	~	~	0.0	0.0	~	1.2
Ovary	5.2	5.5	5.2	4.5	5.7	2.6	5.0	5.2	5.4
Vagina	0.7	0.6	~	~	~	~	~	1.1	~
Vulva	0.9	1.6	0.8	~	~	~	~	0.8	~
Other	0.2	~	~	0.0	0.0	0.0	~	~	~
Male Genital System	76.8	75.1	88.7	69.2	57.8	69.6	62.7	86.6	82.2
Prostate	75.7	73.5	87.7	68.6	56.7	67.9	62.7	85.9	81.1
Testis	0.5	0.8	0.4	~	~	~	0.0	~	~
Penis	0.5	0.6	0.6	~	~	~	0.0	~	~
Other	0.1	~	0.0	0.0	0.0	0.0	0.0	~	~
Urinary System	20.3	24.1	20.6	19.2	18.2	18.1	19.4	17.8	18.3
Urinary bladder (incl in situ)	9.0	10.7	8.4	8.3	7.8	9.6	9.0	8.6	8.0
Kidney & renal pelvis	10.8	12.8	11.9	10.6	9.8	7.3	10.1	8.6	9.9
Ureter	0.3	~	~	~	~	~	~	~	0.0
Other	0.3	0.4	~	~	~	~	0.0	~	~
Eye & Orbit	0.2	~	~	~	~	~	~	~	~
Brain & Nervous System	3.9	4.2	3.4	5.3	4.2	2.4	2.4	3.2	4.5
Brain	3.5	3.8	2.9	5.1	3.4	~	2.4	2.9	4.5
Cranial nerves & other	0.4	0.4	0.5	~	~	~	0.0	~	0.0
Endocrine System	3.6	3.2	4.1	2.0	3.5	5.6	2.1	3.7	5.6
Thyroid	3.0	2.8	3.1	2.0	3.3	5.4	1.8	2.6	5.0
Thymus & other	0.5	0.4	1.0	0.0	~	~	~	1.1	~
Lymphomas	11.3	13.2	10.8	9.8	10.5	10.8	11.6	10.7	10.8
Hodgkin's disease	1.4	1.3	1.3	1.6	1.6	~	~	1.7	1.8
Non-Hodgkin's lymphoma	9.9	11.9	9.6	8.2	8.9	9.6	10.2	9.0	8.9
Multiple Myeloma	8.6	8.4	8.6	9.9	7.0	7.6	9.2	7.7	10.9
Leukemias	7.1	7.0	6.0	4.7	7.9	7.2	9.2	8.3	6.5
Lymphocytic	3.0	2.3	2.7	2.5	3.1	4.5	3.2	3.7	3.3
Acute lymphocytic	0.9	0.9	0.8	~	0.9	~	~	0.8	0.9
Chronic lymphocytic	2.0	1.4	1.7	1.6	2.3	3.5	1.9	2.7	2.2
Other	~	0.0	~	0.0	0.0	0.0	0.0	~	~
Myeloid	3.2	3.7	2.9	2.0	4.0	2.4	5.0	3.2	2.3
Acute myeloid	2.1	2.6	2.2	1.5	2.2	~	3.2	1.8	1.5
Chronic myeloid	1.0	1.0	0.7	~	1.8	~	1.6	1.4	~
Other	~	~	0.0	~	0.0	0.0	~	0.0	0.0
Monocytic	0.1	~	0.0	~	~	0.0	0.0	~	0.0
Acute monocytic	~	0.0	0.0	~	~	0.0	0.0	~	0.0
Chronic monocytic	~	~	0.0	0.0	~	0.0	0.0	0.0	0.0
Other	~	~	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.8	0.9	~	0.0	~	~	~	1.3	0.9
Other acute	0.4	0.5	~	0.0	0.0	0.0	~	0.8	~
Other chronic	~	0.0	~	0.0	0.0	0.0	0.0	0.0	~
Aleukemic, subleukemic & NOS	0.3	0.5	~	0.0	~	~	~	~	~
Other, Ill-defined & Unknown Sites	14.2	14.9	15.0	14.7	14.7	11.0	12.9	14.9	11.9
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ	6.5	9.1	7.5	3.8	5.1	3.8	4.6	5.9	5.2

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE F8 - AVERAGE ANNUAL CANCER INCIDENCE RATES PER 100,000 POPULATION. BLACK MALES, 1994-1998
AGE-ADJUSTED (1970 U.S. STANDARD) RATES, BY PRIMARY SITE AND GEOGRAPHIC AREA

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	567.1	603.9	590.7	507.4	552.5	478.0	485.3	575.7	579.6
Oral Cavity & Pharynx	17.3	19.6	15.2	19.6	17.0	17.6	13.0	18.5	13.7
Lip	0.2	~	0.0	~	~	0.0	0.0	0.0	~
Tongue	3.5	3.7	2.1	4.8	4.3	6.3	~	4.0	~
Salivary gland	0.8	0.9	~	~	0.0	~	~	~	~
Floor of mouth	2.1	2.4	1.8	~	2.9	~	~	2.5	~
Gum & other mouth	3.0	3.1	2.8	4.9	~	~	~	3.6	~
Nasopharynx	0.9	0.9	~	~	~	~	0.0	~	~
Tonsil	2.3	3.8	2.1	~	1.9	~	~	2.2	~
Oropharynx	1.2	1.2	2.0	~	~	0.0	~	~	~
Hypopharynx	2.2	2.2	2.6	~	~	~	~	~	~
Other	1.1	1.2	~	~	~	~	~	2.1	~
Digestive System	116.9	131.4	115.7	92.2	126.8	97.8	110.7	111.4	116.5
Esophagus	13.2	12.7	12.0	8.8	11.4	11.7	21.8	13.1	19.0
Stomach	19.6	21.8	16.6	16.4	20.4	16.6	13.2	21.3	24.3
Small intestine	2.3	2.0	1.7	3.3	2.8	0.0	4.2	3.4	~
Colon & rectum	57.0	64.6	60.4	44.0	63.2	47.0	50.1	57.8	46.8
Colon	42.4	48.6	44.9	31.4	47.8	42.2	40.6	39.9	33.7
Rectum & rectosigmoid	14.6	16.0	15.5	12.6	15.4	4.9	9.4	18.0	13.0
Anus, anal canal & anorectum	0.9	1.0	~	~	~	~	~	~	~
Liver & Intrahepatic bile ducts	6.6	9.4	6.9	5.0	7.3	6.5	~	4.1	4.9
Liver	6.1	9.0	6.4	3.4	6.9	6.5	~	3.2	4.9
Intrahepatic bile ducts	0.5	~	~	~	~	0.0	0.0	~	0.0
Gallbladder	0.8	~	~	~	~	~	~	~	~
Other biliary tract	1.0	1.3	~	~	~	0.0	~	~	~
Pancreas	14.9	17.3	15.7	11.4	16.9	12.1	16.6	9.3	16.0
Retroperitoneum	~	~	~	0.0	0.0	0.0	0.0	0.0	0.0
Peritoneum, omentum & mesentery	~	~	0.0	0.0	~	0.0	0.0	0.0	0.0
Other	0.5	~	0.0	~	~	0.0	0.0	~	0.0
Respiratory System	143.3	154.5	143.2	138.4	171.6	114.6	116.1	133.0	140.1
Nose, nasal cavity & middle ear	1.3	1.6	~	~	~	~	~	~	~
Larynx	15.3	20.2	12.0	15.0	16.7	9.4	7.8	17.3	10.9
Lung & bronchus	125.4	130.3	128.4	120.8	152.0	103.3	106.4	114.8	127.1
Pleura	1.0	2.2	~	0.0	~	~	~	0.0	0.0
Trachea & other	0.4	~	~	~	~	0.0	0.0	0.0	~
Bones & Joints	1.0	1.1	1.2	~	~	~	~	~	0.0
Soft Tissues (incl heart)	3.4	3.7	3.1	2.8	~	~	7.8	2.7	4.0
Skin (exclude basal & squamous)	3.8	5.3	2.4	~	5.6	~	~	1.5	5.5
Melanomas of skin	0.8	~	~	~	1.9	~	0.0	~	~
Other non-epithelial skin	3.0	4.6	2.1	~	3.7	~	~	~	4.1
Breast	2.0	2.1	2.4	~	2.9	~	~	~	2.2

Female Genital System----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cervix uteri----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Corpus uteri----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uterus, NOS----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ovary----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vagina----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vulva----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Male Genital System----------	191.8	189.3	217.5	165.7	141.7	161.1	155.0	224.0	213.8
Prostate ----------	189.3	185.7	215.1	164.4	139.3	157.8	155.0	222.2	211.1
Testis----------	1.1	1.7	1.0	~	~	~	0.0	~	~
Penis----------	1.2	1.5	1.4	~	~	~	0.0	~	~
Other----------	0.2	~	0.0	0.0	0.0	0.0	0.0	~	~
Urinary System----------	30.0	36.4	31.1	30.1	25.2	30.4	26.1	27.0	24.4
Urinary bladder (incl in situ)--	15.2	19.4	14.2	13.9	13.2	19.4	12.3	14.0	12.9
Kidney & renal pelvis----------	14.1	15.8	16.7	15.3	10.8	9.1	13.0	12.4	11.5
Ureter----------	0.4	~	~	~	~	~	~	~	0.0
Other----------	0.4	~	0.0	~	~	~	0.0	0.0	0.0
Eye & Orbit----------	0.3	~	0.0	~	~	~	~	~	~
Brain & Nervous System----------	4.3	4.6	2.4	6.7	5.5	~	~	4.1	5.8
Brain----------	4.0	4.2	2.2	6.1	4.7	~	~	3.9	5.8
Cranial nerves & other----------	0.3	~	~	~	~	0.0	0.0	~	0.0
Endocrine System----------	1.5	1.3	2.1	0.0	~	~	~	1.7	~
Thyroid----------	1.0	0.9	~	0.0	~	~	~	~	~
Thymus & other----------	0.5	~	1.1	0.0	~	~	0.0	~	~
Lymphomas----------	13.3	16.0	13.9	10.7	13.0	14.0	10.2	9.5	15.2
Hodgkin's disease----------	1.5	1.6	2.0	~	~	~	~	~	2.8
Non-Hodgkin's lymphoma----------	11.8	14.4	11.9	9.4	12.3	12.7	9.9	8.5	12.4
Multiple Myeloma----------	10.9	11.4	11.1	11.3	8.5	9.1	11.3	10.6	11.8
Leukemias----------	9.5	8.3	9.5	4.7	12.0	9.1	12.8	10.2	9.5
Lymphocytic----------	4.8	3.6	4.9	3.5	5.9	5.9	3.7	4.2	6.7
Acute lymphocytic----------	1.2	1.2	1.6	~	~	~	~	~	1.9
Chronic lymphocytic----------	3.4	2.4	3.2	~	4.5	5.3	~	3.1	4.5
Other----------	~	0.0	~	0.0	0.0	0.0	0.0	~	~
Myeloid----------	3.8	3.8	4.1	~	5.3	~	7.4	4.2	~
Acute myeloid----------	2.5	2.7	3.0	~	2.7	~	4.3	2.7	~
Chronic myeloid----------	1.3	0.9	~	~	2.6	~	~	1.5	~
Other----------	~	~	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Monocytic----------	~	~	0.0	0.0	~	0.0	0.0	0.0	0.0
Acute monocytic----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic monocytic----------	~	0.0	0.0	0.0	~	0.0	0.0	0.0	0.0
Other----------	~	~	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other----------	0.9	~	~	0.0	~	0.0	~	1.8	~
Other acute----------	0.4	~	~	0.0	0.0	0.0	~	~	~
Other chronic----------	~	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~
Aleukemic, subleukemic & NOS--	0.4	~	~	0.0	~	0.0	~	~	~
Other, Ill-defined & Unknown Sites	17.7	18.8	19.9	19.2	17.7	10.3	13.1	19.4	14.6
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ----------	~	~	0.0	0.0	0.0	0.0	0.0	~	0.0

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE F9 - AVERAGE ANNUAL CANCER INCIDENCE RATES PER 100,000 POPULATION,. BLACK FEMALES, 1994-1998
AGE-ADJUSTED (1970 U.S. STANDARD) RATES, BY PRIMARY SITE AND GEOGRAPHIC AREA

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	314.4	357.2	308.9	281.1	320.4	300.2	272.0	284.2	311.6
Oral Cavity & Pharynx	4.8	6.0	4.4	2.1	6.1	4.6	6.3	4.7	2.0
Lip	~	~	~	0.0	~	0.0	0.0	~	0.0
Tongue	0.9	1.4	1.6	~	~	0.0	~	~	~
Salivary gland	0.5	0.9	~	~	~	~	~	0.0	~
Floor of mouth	0.5	~	0.0	0.0	~	~	~	1.1	0.0
Gum & other mouth	1.1	1.3	0.9	~	~	~	1.9	~	~
Nasopharynx	0.4	~	0.0	~	~	~	~	~	0.0
Tonsil	0.3	0.6	~	0.0	~	0.0	0.0	~	0.0
Oropharynx	~	~	~	0.0	0.0	0.0	0.0	0.0	~
Hypopharynx	0.4	~	~	0.0	~	0.0	~	~	0.0
Other	0.3	~	~	0.0	~	~	0.0	0.0	~
Digestive System	73.2	81.7	74.5	67.7	69.2	83.9	61.8	64.7	74.4
Esophagus	3.5	4.1	3.9	4.4	1.9	5.5	3.4	2.0	4.5
Stomach	8.0	8.4	8.3	9.1	8.6	8.4	8.0	7.9	5.9
Small intestine	1.6	1.5	2.2	~	1.5	~	~	1.7	1.7
Colon & rectum	41.7	47.5	42.8	35.1	35.3	47.7	37.5	38.6	42.8
Colon	32.0	38.2	32.8	26.3	28.5	33.4	28.0	27.5	32.8
Rectum & rectosigmoid	9.7	9.3	9.9	8.8	6.8	14.3	9.5	11.1	10.0
Anus, anal canal & anorectum	1.1	1.8	1.0	~	~	~	~	~	0.0
Liver & Intrahepatic bile ducts	2.8	3.9	2.2	2.9	3.1	4.8	~	1.4	2.5
Liver	2.3	3.5	1.7	2.9	2.1	~	~	1.1	2.2
Intrahepatic bile ducts	0.4	~	~	0.0	~	~	0.0	~	~
Gallbladder	1.6	1.8	2.2	~	2.2	~	~	1.2	~
Other biliary tract	0.7	0.9	~	~	~	0.0	~	~	~
Pancreas	11.6	11.3	10.5	12.1	14.1	14.7	8.0	10.3	14.3
Retroperitoneum	0.2	0.0	~	0.0	~	0.0	~	0.0	~
Peritoneum, omentum & mesentery	~	~	~	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.2	~	~	0.0	0.0	0.0	0.0	~	~
Respiratory System	42.5	51.8	37.5	37.7	48.6	46.5	36.1	31.0	43.2
Nose, nasal cavity & middle ear	0.2	~	0.0	~	~	0.0	~	~	~
Larynx	2.3	3.1	2.2	~	2.0	~	~	2.2	~
Lung & bronchus	39.5	47.5	35.3	35.7	45.6	44.5	33.0	28.5	40.8
Pleura	0.4	1.0	0.0	~	~	0.0	0.0	0.0	~
Trachea & other	~	~	0.0	~	0.0	0.0	~	~	0.0
Bones & Joints	0.5	~	~	~	~	0.0	~	~	~
Soft Tissues (incl heart)	2.4	2.2	2.4	~	2.5	4.7	2.8	2.6	2.1
Skin (exclude basal & squamous)	1.8	1.7	2.2	~	3.4	~	~	1.5	2.3
Melanomas of skin	0.8	0.8	1.2	~	1.8	0.0	~	~	0.0
Other non-epithelial skin	1.0	0.9	1.0	0.0	1.6	~	~	~	2.3
Breast	90.6	106.6	93.4	82.2	95.5	77.3	65.6	78.0	82.7

Female Genital System----------	42.1	46.3	40.6	35.7	40.4	29.0	37.8	45.3	44.6
Cervix uteri----------	15.7	18.9	14.5	14.5	12.8	10.9	15.7	16.6	14.9
Corpus uteri----------	13.5	13.2	12.3	10.9	15.3	11.8	10.5	15.7	16.4
Uterus, NOS----------	1.0	0.7	1.9	~	~	0.0	0.0	~	1.9
Ovary----------	8.8	9.3	9.0	7.9	9.8	4.7	8.8	8.8	9.0
Vagina----------	1.2	1.1	~	~	~	~	~	1.8	~
Vulva----------	1.5	2.7	1.5	~	~	~	~	1.3	~
Other----------	0.3	~	~	0.0	0.0	0.0	~	~	~
Male Genital System----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prostate ----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Testis----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Penis----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Urinary System----------	13.7	15.9	13.0	11.8	13.3	9.3	15.0	11.7	14.7
Urinary bladder (incl in situ)--	4.8	5.2	4.3	4.7	4.1	~	6.8	5.1	4.9
Kidney & renal pelvis----------	8.4	10.4	8.3	7.1	8.9	5.8	8.2	6.0	9.2
Ureter----------	0.2	~	0.0	0.0	~	~	0.0	~	0.0
Other----------	0.2	~	~	0.0	0.0	0.0	0.0	~	~
Eye & Orbit----------	0.2	~	~	0.0	~	0.0	0.0	0.0	~
Brain & Nervous System----------	3.5	3.8	4.2	4.2	3.1	~	~	2.6	3.5
Brain----------	3.0	3.5	3.4	4.2	2.4	~	~	2.3	3.5
Cranial nerves & other----------	0.5	~	~	0.0	~	~	0.0	~	0.0
Endocrine System----------	5.2	4.6	5.6	3.7	5.0	9.4	3.3	5.1	8.0
Thyroid----------	4.6	4.1	4.7	3.7	4.8	9.4	2.8	3.6	7.3
Thymus & other----------	0.6	~	~	0.0	~	0.0	~	1.5	~
Lymphomas----------	9.7	11.1	8.2	9.0	8.4	8.4	12.5	11.6	7.8
Hodgkin's disease----------	1.4	1.1	~	~	2.2	~	~	2.3	~
Non-Hodgkin's lymphoma----------	8.3	10.1	7.6	7.2	6.2	7.2	10.4	9.4	6.6
Multiple Myeloma----------	7.0	6.5	6.8	8.9	6.0	6.2	7.9	5.9	10.4
Leukemias----------	5.5	6.3	3.5	4.5	5.1	5.8	6.7	7.1	4.7
Lymphocytic----------	1.8	1.4	1.0	~	~	~	2.8	3.4	~
Acute lymphocytic----------	0.6	0.6	~	~	~	~	~	~	~
Chronic lymphocytic----------	1.2	0.7	~	~	~	~	~	2.4	~
Other----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Myeloid----------	2.9	3.8	2.1	2.4	3.1	~	3.5	2.5	2.9
Acute myeloid----------	1.9	2.7	1.8	~	1.9	~	~	1.2	2.0
Chronic myeloid----------	0.9	1.0	~	~	~	~	~	1.3	~
Other----------	~	~	0.0	~	0.0	0.0	~	0.0	0.0
Monocytic----------	~	~	0.0	~	~	0.0	0.0	~	0.0
Acute monocytic----------	~	0.0	0.0	~	~	0.0	0.0	~	0.0
Chronic monocytic----------	~	~	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other----------	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other----------	0.7	1.0	~	0.0	~	~	~	1.0	~
Other acute----------	0.3	~	~	0.0	0.0	0.0	~	~	~
Other chronic----------	~	0.0	~	0.0	0.0	0.0	0.0	0.0	0.0
Aleukemic, subleukemic & NOS--	0.3	~	~	0.0	~	~	0.0	~	~
Other, Ill-defined & Unknown Sites	11.7	12.1	11.7	11.3	12.6	11.9	12.7	11.9	10.0
IN SITU CANCERS (NOT INCLUDED ABOVE)									
Breast in situ----------	11.2	15.2	13.2	6.8	8.9	6.9	8.1	9.8	8.8

~ To protect the confidentiality of patients, counts of less than six are suppressed. Rates based on small counts are also suppressed.

TABLE G1 - THE TEN MOST COMMON CANCERS: LOUISIANA, 1994-1998, WHITE MALES
AVERAGE ANNUAL AGE-ADJUSTED (1970 U.S. STANDARD) INCIDENCE RATES PER 100,000 POPULATION

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	487.4	477.7	510.7 *	472.1	497.6	482.1	450.5 *	493.3	509.1 *
Prostate	134.1	124.2 *	165.5 *	126.5	126.6	127.4	111.0 *	147.6 *	130.4
Lung & bronchus	96.3	87.7 *	90.7	99.2	99.8	99.4	102.7	94.1	114.7 *
Colon (exclude rectum)	39.2	40.1	41.4	38.5	40.8	35.2	35.1	37.9	40.6
Urinary bladder (incl in situ)	29.8	33.4 *	32.6	28.8	27.0	34.8	27.0	26.8	24.7 *
Non-Hodgkin's lymphomas	18.8	22.1 *	16.6	19.9	18.5	19.5	16.2	16.8	18.8
Rectum & rectosigmoid	17.4	15.8	18.0	17.6	18.9	15.2	18.1	20.4	15.1
Oral cavity & pharynx	16.2	17.7	16.3	14.6	17.7	13.6	13.3	15.2	19.9
Kidney & renal pelvis	15.5	14.2	16.5	16.8	17.3	12.6	14.1	16.2	14.2
Leukemias	11.5	11.2	10.6	9.4	12.3	11.2	11.7	12.6	14.1
Pancreas	11.8	10.4	11.2	12.5	14.5 *	11.2	12.7	10.4	13.0

* Age-adjusted rate is significantly different ($P<0.05$) from the Louisiana rate

TABLE G2 - THE TEN MOST COMMON CANCERS: LOUISIANA, 1994-1998, WHITE FEMALES
AVERAGE ANNUAL AGE-ADJUSTED (1970 U.S. STANDARD) INCIDENCE RATES PER 100,000 POPULATION

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	328.5	329.5	329.5	321.4	338.4	325.3	315.8	330.2	334.4
Breast	102.0	105.9	106.8	101.7	103.6	90.6 *	91.2 *	100.9	102.6
Lung & bronchus	48.3	49.3	47.2	45.5	51.5	50.2	49.9	46.1	47.2
Colon (exclude rectum)	27.6	28.2	27.8	26.6	26.4	27.0	24.7	29.5	29.0
Corpus uteri	14.8	15.0	14.3	14.1	13.5	15.9	13.0	16.5	16.2
Non-Hodgkin's lymphomas	13.5	12.6	13.7	16.0 *	13.9	13.7	14.5	11.9	12.4
Ovary	11.3	11.3	11.9	11.5	9.8	9.7	11.0	13.5	11.1
Rectum & rectosigmoid	9.1	8.1	8.8	9.9	9.5	9.6	10.9	10.4	6.8 *
Kidney & renal pelvis	8.4	8.8	8.6	9.0	8.3	9.4	8.3	7.6	7.0
Pancreas	7.6	6.8	7.2	8.0	10.3 *	7.9	7.5	6.7	7.0
Urinary bladder (incl in situ)	7.6	8.1	7.9	8.3	7.1	9.1	5.9	6.3	7.5

* Age-adjusted rate is significantly different (P<0.05) from the Louisiana rate

TABLE G3 - THE TEN MOST COMMON CANCERS: LOUISIANA, 1994-1998, BLACK MALES
AVERAGE ANNUAL AGE-ADJUSTED (1970 U.S. STANDARD) INCIDENCE RATES PER 100,000 POPULATION

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	567.0	603.9 *	590.7	507.4 *	552.5	478.0 *	485.3 *	575.7	579.6
Prostate	189.2	185.7	215.1 *	164.4 *	139.3 *	157.8 *	155.0 *	222.2 *	211.1 *
Lung & bronchus	125.3	130.3	128.4	120.8	152.0 *	103.3 *	106.4 *	114.8	127.1
Colon (exclude rectum)	42.3	48.6	44.9	31.4 *	47.8	42.2	40.6	39.9	33.7 *
Stomach	19.6	21.8	16.6	16.4	20.4	16.6	13.2 *	21.3	24.3
Oral cavity & pharynx	17.2	19.6	15.2	19.6	17.0	17.6	13.0	18.5	13.7
Urinary bladder (incl in situ)	15.2	19.4 *	14.2	13.9	13.2	19.4	12.3	14.0	12.9
Larynx	15.3	20.2 *	12.0	15.0	16.7	9.4 *	7.8 *	17.3	10.9
Pancreas	14.9	17.3	15.7	11.4	16.9	12.1	16.6	9.3 *	16.0
Rectum & rectosigmoid	14.6	16.0	15.5	12.6	15.4	4.9 *	9.4	18.0	13.0
Kidney & renal pelvis	14.0	15.8	16.7	15.3	10.8	9.1	13.0	12.4	11.5

* Age-adjusted rate is significantly different (P<0.05) from the Louisiana rate

TABLE G4 - THE TEN MOST COMMON CANCERS: LOUISIANA, 1994-1998, BLACK FEMALES
AVERAGE ANNUAL AGE-ADJUSTED (1970 U.S. STANDARD) INCIDENCE RATES PER 100,000 POPULATION

PRIMARY SITE:	LOUISIANA	NEW ORLEANS REGION	BATON ROUGE REGION	SOUTHEAST REGION	ACADIANA REGION	SOUTHWEST REGION	CENTRAL REGION	NORTHWEST REGION	NORTHEAST REGION
INVASIVE CANCERS									
All Sites	314.4	357.2 *	308.9	281.1 *	320.4	300.2	272.0 *	284.2 *	311.6
Breast	90.6	106.6 *	93.4	82.2	95.5	77.3	65.6 *	78.0 *	82.7
Lung & bronchus	39.5	47.5 *	35.3	35.7	45.6	44.5	33.0	28.5 *	40.8
Colon (exclude rectum)	32.0	38.2 *	32.8	26.3	28.5	33.4	28.0	27.5	32.8
Cervix uteri	15.7	18.9 *	14.5	14.5	12.8	10.9	15.7	16.6	14.9
Corpus uteri	13.5	13.2	12.3	10.9	15.3	11.8	10.5	15.7	16.4
Pancreas	11.6	11.3	10.5	12.1	14.1	14.7	8.0	10.3	14.3
Rectum & rectosigmoid	9.7	9.3	9.9	8.8	6.8	14.3	9.5	11.1	10.0
Ovary	8.8	9.3	9.0	7.9	9.8	4.7 *	8.8	8.8	9.0
Non-Hodgkin's lymphomas	8.3	10.1	7.6	7.2	6.2	7.2	10.4	9.4	6.6
Stomach	8.0	8.4	8.3	9.1	8.6	8.4	8.0	7.9	5.9

* Age-adjusted rate is significantly different ($P<0.05$) from the Louisiana rate

TABLE H1 CANCER INCIDENCE RATES IN LOUISIANA AND THE SEER PROGRAM,[1] 1994-1998
AVERAGE ANNUAL AGE-ADJUSTED (U.S. 1970) RATES PER 100,000 POPULATION BY PRIMARY SITE, RACE AND SEX

PRIMARY SITE:	WHITE MALES		WHITE FEMALES		BLACK MALES		BLACK FEMALES	
	LOUISIANA	US (SEER)	LOUISIANA	US (SEER)	LOUISIANA	US (SEER)	LOUISIANA	US (SEER)
All Sites	487.4*	464.3	328.5*	360.3	567.0*	596.6	314.4*	342.6
Oral Cavity & Pharynx	16.2*	14.3	5.7	5.8	17.2*	20.5	4.8*	6.1
Esophagus	6.2	6.1	1.7	1.6	13.2	12.0	3.5	4.1
Stomach	8.3	8.6	3.5	3.5	19.6*	16.7	8.0	7.6
Colon & rectum	55.6*	51.8	36.7	37.0	56.9	56.9	41.7*	44.9
Colon (exclude rectum)	39.2*	35.9	27.6	27.5	42.3	42.1	32.0*	35.2
Rectum & rectosigmoid	17.4*	16.0	9.1	9.5	14.6	14.8	9.7	9.7
Pancreas	11.8*	9.8	7.6	7.5	14.9	15.4	11.6	12.1
Larynx	9.0*	6.4	2.1*	1.4	15.3*	11.2	2.3	2.5
Lung & bronchus	96.3*	71.3	48.3*	45.1	125.3*	108.3	39.5*	46.4
Breast	1.3*	1.0	102.0*	117.9	2.0	1.3	90.6*	103.3
Cervix uteri	-	-	7.2	7.0	-	-	15.7*	11.3
Corpus uteri	-	-	14.8*	22.6	-	-	13.5	15.0
Ovary	-	-	11.3*	15.3	-	-	8.8*	10.4
Prostate	134.1	136.6	-	-	189.2*	230.8	-	-
Testis	4.8*	5.5	-	-	1.1	1.2	-	-
Urinary bladder (incl. in situ)	29.8*	31.4	7.6	8.1	15.2	14.7	4.8	5.5
Kidney & renal pelvis	15.5*	13.2	8.4*	6.7	14.0	15.7	8.4	8.0
Brain & Nervous System	7.5	7.7	5.3	5.3	4.3	4.4	3.5	3.3
Hodgkin's disease	3.2	3.2	2.4	2.7	1.5*	2.5	1.4	1.9
Non-Hodgkin's lymphoma	18.8*	20.3	13.5	13.5	11.8*	17.1	8.3	8.9
Multiple Myeloma	4.9	5.2	3.1	3.4	10.9	10.7	7.0*	8.9
Leukemias	11.5*	13.8	7.5	8.4	9.5	10.3	5.5	6.2

* significant at $\alpha = 0.05$

1. SEER rates are often cited as the "national rates" and are compiled by the Surveillance, Epidemiology and End Results Program of the National Cancer Institute (see Introduction).

TABLE I - CANCER INCIDENCE IN THE INDUSTRIAL CORRIDOR[1] AND THE SEER PROGRAM,[2] 1994-1998
AVERAGE ANNUAL AGD-ADJUSTED (U.S. 1970) RATES PER 100,000 BY PRIMARY SITE, RACE, AND SEX

PRIMARY SITE:	WHITE MALES		WHITE FEMALES		BLACK MALES		BLACK FEMALES	
	RIVER PARISH	US (SEER)	RIVER PARISH	US (SEER)	RIVER PARISH	US (SEER)	RIVER PARISH	US (SEER)
All Sites	518.8*	464.3	334.6*	360.3	595.5	596.6	312.1	342.6
Oral Cavity & Pharynx	15.5	14.3	6.2	5.8	14.8*	20.5	4.4	6.1
Esophagus	6.0	6.1	2.9*	1.6	10.4	12.0	5.0	4.1
Stomach	9.0	8.6	3.2	3.5	20.1	16.7	8.3	7.6
Colon & rectum	60.7*	51.8	36.2	37.0	58.6	56.9	43.5	44.9
Colon (exclude rectum)	42.7*	35.9	27.2	27.5	43.6	42.1	34.0	35.2
Rectum & rectosigmoid	18.0	16.0	9.0	9.5	15.0	14.8	9.5	9.7
Pancreas	12.3*	9.8	7.1	7.5	14.7	15.4	10.0	12.1
Larynx	8.3	6.4	1.9	1.4	11.7	11.2	1.3	2.5
Lung & bronchus	83.7*	71.3	46.7	45.1	120.6	108.3	34.8*	46.4
Breast	1.8*	1.0	112.1	117.9	2.3	1.3	96.6	103.3
Cervix uteri	-	-	5.8	7.0	-	-	14.6	11.3
Corpus uteri	-	-	14.9*	22.6	-	-	11.5*	15.0
Ovary	-	-	13.0*	15.3	-	-	8.4	10.4
Prostate	174.8*	136.6	-	-	222.8	230.8	-	-
Testis	5.3	5.5	-	-	0.9	1.2	-	-
Urinary bladder (incl. in situ)	34.2	31.4	7.9	8.1	16.5	14.7	4.3	5.5
Kidney & renal pelvis	17.1*	13.2	8.4	6.7	17.6	15.7	9.4	8.0
Brain & Nervous System	8.8	7.7	5.4	5.3	4.0	4.4	3.8	3.3
Hodgkin's disease	2.4*	3.2	2.3	2.7	1.5	2.5	0.7	1.9
Non-Hodgkin's lymphoma	18.0	20.3	14.5	13.5	11.2*	17.1	8.1	8.9
Multiple Myeloma	4.3	5.2	3.2	3.4	13.0	10.7	6.7	8.9
Leukemias	11.3	13.8	6.3	8.4	8.6	10.3	4.1	6.2

* significant at $\alpha = 0.05$

1. The Industrial Corridor includes East Baton Rouge, West Baton Rouge, Iberville, Ascension, St. John the Baptist, St. James, and St. Charles parishes
2. SEER rates are often cited as "national rates" and are compiled by the Surveillance, Epidemiology and End Results Program of the National Cancer Institute (see Introduction).

TABLES: MORTALITY

TABLE M1 - NUMBER OF CANCER DEATHS BY PRIMARY SITE, RACE AND SEX. LOUISIANA, 1994-1998

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
All Sites	46290	24977	21313	32399	17325	15074	13700	7549	6151
Oral Cavity & Pharynx	806	546	260	533	344	189	269	200	69
Lip	9	6	3	8	6	2	1	0	1
Tongue	165	116	49	116	78	38	49	38	11
Salivary Gland	39	18	21	33	17	16	6	1	5
Floor of Mouth	20	15	5	16	11	5	4	4	0
Gum & Other Mouth	111	59	52	80	40	40	31	19	12
Nasopharynx	77	55	22	51	36	15	24	18	6
Tonsil	41	33	8	28	23	5	13	10	3
Oropharynx	52	39	13	33	22	11	19	17	2
Hypopharynx	30	25	5	22	18	4	8	7	1
Other	262	180	82	146	93	53	114	86	28
Digestive System	10772	5813	4959	7242	3920	3322	3466	1855	1611
Esophagus	905	674	231	552	410	142	347	260	87
Stomach	1256	766	490	690	425	265	556	337	219
Small Intestine	75	45	30	49	32	17	26	13	13
Colon & Rectum	4624	2317	2307	3209	1621	1588	1403	689	714
Colon excluding Rectum	4088	2034	2054	2814	1420	1394	1264	609	655
Rectum and Rectosigmoid Junction	536	283	253	395	201	194	139	80	59
Anus, Anal Canal and Anorectum	22	8	14	15	4	11	7	4	3
Liver & Intrahepatic bile duct	1154	686	468	812	481	331	318	189	129
Liver	1042	644	398	724	445	279	295	183	112
Intrahepatic Bile Duct	112	42	70	88	36	52	23	6	17
Gallbladder	134	40	94	88	28	60	43	10	33
Other biliary tract	99	47	52	80	42	38	19	5	14
Pancreas	2426	1209	1217	1687	863	824	730	341	389
Retroperitoneum	11	3	8	8	2	6	3	1	2
Peritoneum, omentum & mesentery	34	6	28	31	6	25	3	0	3
Other	32	12	20	21	6	15	11	6	5
Respiratory System	14280	9141	5139	10312	6395	3917	3919	2714	1205
Nose, nasal cavity & middle Ear	42	30	12	26	19	7	14	9	5
Larynx	405	322	83	244	195	49	159	126	33
Lung & Bronchus	13765	8743	5022	9987	6141	3846	3733	2573	1160
Pleura	32	24	8	29	22	7	3	2	1
Trachea & Other	36	22	14	26	18	8	10	4	6
Bones & Joints	116	68	48	70	38	32	45	29	16
Soft tssue (incl heart)	254	124	130	169	84	85	85	40	45
Skin (excluding basal and squamous)	613	395	218	562	360	202	51	35	16
Melanoma of the skin	456	283	173	433	268	165	23	15	8
Other non-epithelial skin	157	112	45	129	92	37	28	20	8
Breast	3536	42	3494	2388	28	2360	1143	14	1129

Female Genital System	1969	–	1969	1247	–	1247	706	–	706
Cervix uteri	482	–	482	225	–	225	248	–	248
Corpus uteri	196	–	196	117	–	117	77	–	77
Uterus, NOS	252	–	252	141	–	141	109	–	109
Ovary	925	–	925	679	–	679	243	–	243
Vagina	43	–	43	26	–	26	17	–	17
Vulva	45	–	45	37	–	37	8	–	8
Other	26	–	26	22	–	22	4	–	4
Male Genital System	2965	2965	–	1741	1741	–	1218	1218	–
Prostate	2923	2923	–	1714	1714	–	1204	1204	–
Testis	25	25	–	16	16	–	8	8	–
Penis	12	12	–	7	7	–	5	5	–
Other	5	5	–	4	4	–	1	1	–
Urinary System	1804	1094	710	1377	863	514	419	228	191
Urinary bladder	782	498	284	598	401	197	180	95	85
Kidney & renal pelvis	991	578	413	751	445	306	236	132	104
Ureter	24	14	10	23	13	10	1	1	0
Other	7	4	3	5	4	1	2	0	2
Eye & Orbit	12	6	6	12	6	6	0	0	0
Brain & Nervous System	950	496	454	777	406	371	167	87	80
Brain	939	488	451	772	403	369	162	83	79
Cranial nerves & other	11	8	3	5	3	2	5	4	1
Endocrine System	147	60	87	106	44	62	41	16	25
Thyroid	87	31	56	66	25	41	21	6	15
Thymus & other	60	29	31	40	19	21	20	10	10
Lymphoma	1916	1006	910	1573	827	746	334	175	159
Hodgkin's disease	130	69	61	101	53	48	28	16	12
Non-Hodgkin lymphoma	1786	937	849	1472	774	698	306	159	147
Multiple Myeloma	927	464	463	559	285	274	365	176	189
Leukemia	1579	868	711	1215	667	548	359	197	162
Lymphocytic	450	262	188	340	187	153	110	75	35
Acute lymphocytic	93	55	38	68	37	31	25	18	7
Chronic lymphocytic	323	186	137	245	136	109	78	50	28
Other	34	21	13	27	14	13	7	7	0
Myeloid	661	350	311	519	276	243	137	70	67
Acute myeloid	470	248	222	375	200	175	91	45	46
Chronic myeloid	175	97	78	132	72	60	42	24	18
Other	16	5	11	12	4	8	4	1	3
Monocytic	11	7	4	7	3	4	4	4	0
Acute	10	7	3	6	3	3	4	4	0
Chronic	0	0	0	0	0	0	0	0	0
Other	1	0	1	1	0	1	0	0	0
Other Leukemia	457	249	208	349	201	148	108	48	60
Other Acute	163	81	82	131	70	61	32	11	21
Other Chronic	19	11	8	14	9	5	5	2	3
Aleukemic, Subleukemic and NOS	275	157	118	204	122	82	71	35	36
Miscellaneous Malignant Cancer	3644	1889	1755	2516	1317	1199	1113	565	548

Note: These counts cover five years.

TABLE M2 - PERCENT DISTRIBUTION OF CANCER DEATHS BY PRIMARY SITE, RACE AND SEX. LOUISIANA, 1994-1998

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
All Sites	100.0	100.0	100.0	100.2	100.0	100.0	100.0	100.0	100.0
Oral Cavity & Pharynx	1.7	2.2	1.2	1.6	2.0	1.3	2.0	2.6	1.1
Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tongue	0.4	0.5	0.2	0.4	0.5	0.3	0.4	0.5	0.2
Salivary Gland	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1
Floor of Mouth	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0
Gum & Other Mouth	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2
Nasopharynx	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1
Tonsil	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0
Oropharynx	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.0
Hypopharynx	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0
Other	0.6	0.7	0.4	0.5	0.5	0.4	0.8	1.1	0.5
Digestive System	23.3	23.3	23.3	22.4	22.6	22.0	25.3	24.6	26.2
Esophagus	2.0	2.7	1.1	1.7	2.4	0.9	2.5	3.4	1.4
Stomach	2.7	3.1	2.3	2.1	2.5	1.8	4.1	4.5	3.6
Small Intestine	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2
Colon & Rectum	10.0	9.3	10.8	9.9	9.4	10.5	10.2	9.1	11.6
Colon excluding Rectum	8.8	8.1	9.6	8.7	8.2	9.2	9.2	8.1	10.6
Rectum and Rectosigmoid Junction	1.2	1.1	1.2	1.2	1.2	1.3	1.0	1.1	1.0
Anus, Anal Canal and Anorectum	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0
Liver & Intrahepatic bile duct	2.5	2.7	2.2	2.5	2.8	2.2	2.3	2.5	2.1
Liver	2.3	2.6	1.9	2.2	2.6	1.9	2.2	2.4	1.8
Intrahepatic Bile Duct	0.2	0.2	0.3	0.3	0.2	0.3	0.2	0.1	0.3
Gallbladder	0.3	0.2	0.4	0.3	0.2	0.4	0.3	0.1	0.5
Other biliary tract	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.1	0.2
Pancreas	5.2	4.8	5.7	5.2	5.0	5.5	5.3	4.5	6.3
Retroperitoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peritoneum, omentum & mesentery	0.1	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0
Other	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1	
Respiratory System	30.8	36.6	24.1	31.9	36.9	26.0	28.6	36.0	19.6
Nose, nasal cavity & middle Ear	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Larynx	0.9	1.3	0.4	0.8	1.1	0.3	1.2	1.7	0.5
Lung & Bronchus	29.7	35.0	23.6	30.9	35.4	25.5	27.2	34.1	18.9
Pleura	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Trachea & Other	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Bones & Joints	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3
Soft tssue (incl heart)	0.5	0.5	0.6	0.5	0.5	0.6	0.6	0.5	0.7
Skin (excluding basal and squamous)	1.3	1.6	1.0	1.7	2.1	1.3	0.4	0.5	0.3
Melanoma of the skin	1.0	1.1	0.8	1.3	1.5	1.1	0.2	0.2	0.1
Other non-epithelial skin	0.3	0.4	0.2	0.4	0.5	0.2	0.2	0.3	0.1
Breast	7.6	0.2	16.4	7.4	0.2	15.7	8.3	0.2	18.4

Female Genital System	4.3	–	9.2	3.9	–	8.3	5.2	–	11.5
Cervix uteri	1.0	–	2.3	0.7	–	1.5	1.8	–	4.0
Corpus uteri	0.4	–	0.9	0.4	–	0.8	0.6	–	1.3
Uterus, NOS	0.5	–	1.2	0.4	–	0.9	0.8	–	1.8
Ovary	2.0	–	4.3	2.1	–	4.5	1.8	–	4.0
Vagina	0.1	–	0.2	0.1	–	0.2	0.1	–	0.3
Vulva	0.1	–	0.2	0.1	–	0.2	0.1	–	0.1
Other	0.1	–	0.1	0.1	–	0.1	0.0	–	0.1
Male Genital System	6.4	11.9	–	5.4	10.0	–	8.9	16.1	–
Prostate	6.3	11.7	–	5.3	9.9	–	8.8	15.9	–
Testis	0.1	0.1	–	0.0	0.1	–	0.1	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	3.9	4.4	3.3	4.3	5.0	3.4	3.1	3.0	3.1
Urinary bladder	1.7	2.0	1.3	1.8	2.3	1.3	1.3	1.3	1.4
Kidney & renal pelvis	2.1	2.3	1.9	2.3	2.6	2.0	1.7	1.7	1.7
Ureter	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eye & Orbit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brain & Nervous System	2.1	2.0	2.1	2.4	2.3	2.5	1.2	1.2	1.3
Brain	2.0	2.0	2.1	2.4	2.3	2.4	1.2	1.1	1.3
Cranial nerves & other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Endocrine System	0.3	0.2	0.4	0.3	0.3	0.4	0.3	0.2	0.4
Thyroid	0.2	0.1	0.3	0.2	0.1	0.3	0.2	0.1	0.2
Thymus & other	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Lymphoma	4.1	4.0	4.3	4.9	4.8	4.9	2.4	2.3	2.6
Hodgkin's disease	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
Non-Hodgkin lymphoma	3.9	3.8	4.0	4.6	4.5	4.6	2.2	2.1	2.4
Multiple Myeloma	2.0	1.9	2.2	1.7	1.6	1.8	2.7	2.3	3.1
Leukemia	3.4	3.5	3.3	3.8	3.8	3.6	2.6	2.6	2.6
Lymphocytic	1.0	1.0	0.9	1.1	1.1	1.0	0.8	1.0	0.6
Acute lymphocytic	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Chronic lymphocytic	0.7	0.7	0.6	0.8	0.8	0.7	0.6	0.7	0.5
Other	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Myeloid	1.4	1.4	1.5	1.6	1.6	1.6	1.0	0.9	1.1
Acute myeloid	1.0	1.0	1.0	1.2	1.2	1.2	0.7	0.6	0.7
Chronic myeloid	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
Other	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Monocytic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Acute	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Chronic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Leukemia	1.0	1.0	1.0	1.1	1.2	1.0	0.8	0.6	1.0
Other Acute	0.4	0.3	0.4	0.4	0.4	0.4	0.2	0.1	0.3
Other Chronic	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Aleukemic, Subleukemic and NOS	0.6	0.6	0.6	0.6	0.7	0.5	0.5	0.5	0.6
Miscellaneous Malignant Cancer	7.9	7.6	8.2	7.8	7.6	8.0	8.1	7.5	8.9

TABLE M3 - CANCER MORTALITY RATES BY PRIMARY SITE, RACE AND SEX. LOUISIANA, 1994-1998
AVERAGE ANNUAL AGE-ADJUSTED RATES (1970 U.S. STANDARD) PER 100,000 POPULATION

PRIMARY SITE:	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
All Sites	190.3	248.7	150.4	177.3	227.8	142.9	233.2	324.3	173.2
Oral Cavity & Pharynx	3.4	5.4	1.8	3.0	4.6	1.8	4.7	8.5	2.0
Lip	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Tongue	0.7	1.2	0.4	0.7	1.1	0.4	0.8	1.6	0.3
Salivary Gland	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.0	0.1
Floor of Mouth	0.1	0.2	0.0	0.1	0.1	0.0	0.1	0.2	0.0
Gum & Other Mouth	0.4	0.6	0.3	0.4	0.5	0.3	0.5	0.8	0.3
Nasopharynx	0.3	0.5	0.2	0.3	0.5	0.1	0.4	0.7	0.2
Tonsil	0.2	0.3	0.1	0.2	0.3	0.0	0.2	0.4	0.1
Oropharynx	0.2	0.4	0.1	0.2	0.3	0.1	0.3	0.7	0.1
Hypopharynx	0.1	0.3	0.0	0.1	0.2	0.0	0.2	0.3	0.0
Other	1.1	1.8	0.6	0.8	1.2	0.5	2.0	3.7	0.8
Digestive System	43.7	57.9	33.0	38.9	51.5	29.3	58.8	79.7	44.0
Esophagus	3.9	6.8	1.7	3.1	5.4	1.4	6.3	11.5	2.6
Stomach	5.1	7.6	3.2	3.7	5.6	2.3	9.3	14.3	5.9
Small Intestine	0.3	0.4	0.2	0.3	0.4	0.2	0.4	0.5	0.3
Colon & Rectum	18.5	23.1	15.1	17.0	21.3	13.8	23.5	29.6	19.3
Colon excluding Rectum	16.3	20.2	13.4	14.9	18.6	12.0	21.2	26.2	17.7
Rectum and Rectosigmoid Junction	2.2	2.8	1.7	2.2	2.7	1.8	2.4	3.4	1.6
Anus, Anal Canal and Anorectum	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Liver & Intrahepatic bile duct	4.8	6.8	3.3	4.5	6.3	3.0	5.4	8.0	3.6
Liver	4.3	6.4	2.8	4.0	5.8	2.6	5.0	7.7	3.1
Intrahepatic Bile Duct	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.2	0.5
Gallbladder	0.5	0.4	0.6	0.5	0.4	0.6	0.7	0.4	0.9
Other biliary tract	0.4	0.5	0.3	0.4	0.6	0.3	0.3	0.2	0.4
Pancreas	9.8	12.1	8.0	9.1	11.4	7.2	12.4	14.8	10.6
Retroperitoneum	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Peritoneum, omentum & mesentery	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.0	0.1
Other	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1
Respiratory System	60.6	91.6	37.8	57.9	84.1	38.7	69.7	119.1	35.8
Nose, nasal cavity & middle Ear	0.2	0.3	0.1	0.1	0.2	0.1	0.2	0.4	0.2
Larynx	1.8	3.2	0.6	1.4	2.6	0.5	2.8	5.4	1.0
Lung & Bronchus	58.3	87.6	37.0	56.1	80.8	38.0	66.4	113.1	34.4
Pleura	0.1	0.2	0.1	0.2	0.3	0.1	0.1	0.1	0.0
Trachea & Other	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.2
Bones & Joints	0.5	0.7	0.4	0.4	0.5	0.4	0.7	1.1	0.4
Soft tssue (incl heart)	1.1	1.2	1.0	0.9	1.1	0.8	1.3	1.5	1.3
Skin (excluding basal and squamous)	2.5	3.8	1.5	3.1	4.7	1.9	0.9	1.4	0.4
Melanoma of the skin	1.9	2.7	1.3	2.4	3.4	1.7	0.4	0.6	0.2
Other non-epithelial skin	0.6	1.1	0.3	0.7	1.2	0.3	0.5	0.9	0.2
Breast	14.5	0.4	25.6	13.2	0.4	23.4	18.8	0.6	31.7

Female Genital System	8.1	0.0	14.3	6.8	0.0	12.2	11.8	0.0	20.0
Cervix uteri	2.0	0.0	3.6	1.3	0.0	2.4	4.0	0.0	6.8
Corpus uteri	0.8	0.0	1.4	0.6	0.0	1.1	1.4	0.0	2.3
Uterus, NOS	1.0	0.0	1.8	0.8	0.0	1.3	1.8	0.0	3.0
Ovary	3.8	0.0	6.7	3.8	0.0	6.7	4.1	0.0	7.0
Vagina	0.2	0.0	0.3	0.1	0.0	0.2	0.3	0.0	0.5
Vulva	0.2	0.0	0.3	0.2	0.0	0.3	0.1	0.0	0.2
Other	0.1	0.0	0.2	0.1	0.0	0.2	0.1	0.0	0.1
Male Genital System	11.2	29.5	0.0	8.6	23.0	0.0	19.6	52.0	0.0
Prostate	11.0	29.2	0.0	8.5	22.6	0.0	19.4	51.5	0.0
Testis	0.1	0.2	0.0	0.1	0.2	0.0	0.1	0.2	0.0
Penis	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.2	0.0
Other	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Urinary System	7.3	10.9	4.7	7.4	11.4	4.5	7.1	9.8	5.3
Urinary bladder	3.0	5.0	1.7	3.0	5.3	1.6	2.9	4.1	2.2
Kidney & renal pelvis	4.1	5.7	2.9	4.2	5.9	2.9	4.1	5.6	3.0
Ureter	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Eye & Orbit	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0
Brain & Nervous System	4.1	4.8	3.5	4.5	5.3	3.9	2.8	3.4	2.3
Brain	4.0	4.7	3.5	4.5	5.2	3.9	2.7	3.2	2.3
Cranial nerves & other	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.0
Endocrine System	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.7
Thyroid	0.4	0.3	0.4	0.4	0.3	0.4	0.4	0.3	0.4
Thymus & other	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Lymphoma	7.8	9.8	6.3	8.6	10.8	6.9	5.5	6.8	4.4
Hodgkin's disease	0.6	0.6	0.5	0.6	0.7	0.5	0.4	0.6	0.3
Non-Hodgkin lymphoma	7.3	9.1	5.8	8.0	10.1	6.4	5.0	6.3	4.1
Multiple Myeloma	3.8	4.6	3.2	3.0	3.8	2.4	6.3	7.7	5.5
Leukemia	6.3	8.5	4.7	6.5	8.8	4.9	5.8	7.9	4.3
Lymphocytic	1.8	2.6	1.2	1.8	2.5	1.3	1.8	3.0	0.9
Acute lymphocytic	0.4	0.5	0.3	0.4	0.5	0.4	0.4	0.5	0.2
Chronic lymphocytic	1.2	1.9	0.8	1.2	1.8	0.8	1.3	2.2	0.7
Other	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.3	0.0
Myeloid	2.7	3.4	2.2	2.9	3.6	2.3	2.2	2.7	1.9
Acute myeloid	1.9	2.4	1.6	2.1	2.6	1.7	1.5	1.8	1.3
Chronic myeloid	0.7	0.9	0.5	0.7	0.9	0.6	0.7	0.9	0.5
Other	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1
Monocytic	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.0
Acute	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.0
Chronic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Leukemia	1.8	2.5	1.3	1.8	2.6	1.2	1.7	2.0	1.5
Other Acute	0.6	0.8	0.5	0.7	0.9	0.5	0.5	0.4	0.5
Other Chronic	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Aleukemic, Subleukemic and NOS	1.1	1.6	0.7	1.1	1.6	0.7	1.1	1.5	0.9
Miscellaneous Malignant Cancer	14.8	18.8	12.0	13.6	17.3	11.0	18.8	24.1	15.1

TABLE N - AVERAGE ANNUAL CANCER MORTALITY RATES LOUISIANA AND THE U.S.[1], 1994-1998

AGE-ADJUSTED (1970 U.S. STANDARD) RATES PER 100,000 POPULATION BY PRIMARY SITE, RACE, AND SEX,

PRIMARY SITE:	WHITE MALES		WHITE FEMALES		BLACK MALES		BLACK FEMALES	
	LOUISIANA	U.S.	LOUISIANA	U.S.	LOUISIANA	U.S.	LOUISIANA	U.S.
All Sites	227.8	200.5	142.9	137.3	324.3	292.3	173.2	165.7
Oral Cavity & Pharynx	4.6	3.6	1.8	1.4	8.5	7.6	2.0	1.9
Esophagus	5.4	5.9	1.4	1.3	11.5	11.9	2.6	3.1
Stomach	5.6	5.1	2.3	2.3	14.3	11.4	5.9	5.2
Colon & rectum	21.3	20.1	13.8	13.7	29.6	27.2	19.3	19.5
Pancreas	11.4	9.5	7.2	6.9	14.8	13.3	10.6	10.3
Larynx	2.6	2.1	0.5	0.4	5.4	5.2	1.0	0.9
Lung & bronchus	80.8	66.6	38.0	34.9	113.1	94.0	34.4	33.9
Breast	0.4	0.2	23.4	23.8	0.6	0.5	31.7	30.9
Cervix uteri	-	-	2.4	2.4	-	-	6.8	5.3
Corpus uteri	-	-	1.1	3.1	-	-	2.3	5.7
Ovary	-	-	6.7	7.7	-	-	7.0	6.3
Prostate	22.6	21.7	-	-	51.5	52.1	-	-
Testis	0.2	0.2	-	-	0.2	0.1	-	-
Bladder (incl. in situ)	5.3	5.7	1.6	1.7	4.1	4.2	2.2	2.3
Kidney & renal pelvis	5.9	5.1	2.9	2.4	5.6	5.2	3.0	2.3
Brain & other Nervous System	5.3	5.3	3.9	3.6	3.4	2.9	2.3	2.1
Hodgkin's disease	0.7	0.5	0.5	0.4	0.6	0.6	0.3	0.3
Non-Hodgkin's lymphoma	10.1	8.9	6.4	5.9	6.3	6.4	4.1	3.8
Multiple Myeloma	3.8	3.5	2.4	2.3	7.7	7.4	5.5	5.4
Leukemias	8.8	8.3	4.9	4.8	7.9	7.7	4.3	4.6

1. U.S. rates are from *Cancer in North America, 1994-1998. Volume Two: Mortality*. Springfield, Ill.: North American Association of Central Cancer Registries, 2001.

APPENDIXES

Appendix 1 - SEER Primary Site Groupings for Incidence Data Based on ICD-O-2 [17] Codes

Primary Site	Site (C) and Morphology (M) Codes	Excluded Morphology (M) Codes
Buccal cavity and pharynx		
Lip	C000:C009	M-9590:9989
Tongue	C019:C029	M-9590:9989
Major salivary gland	C079:C089	M-9590:9989
Floor of mouth	C040:C049	M-9590:9989
Gum and other mouth	C030:C039, C050:C059, C060:C069	M-9590:9989
Nasopharynx	C110:C119	M-9590:9989
Oropharynx	C100:C109	M-9590:9989
Hypopharynx	C129, C130:C139, C141	M-9590:9989
Other buccal cavity and pharynx	C090:C099, C140, C142:C148	M-9590:9989
Digestive system		
Esophagus	C150:C159	M-9590:9989
Stomach	C160:C169	M-9590:9989
Small intestine	C170:C179	M-9590:9989
Colon excluding rectum	C180:C189, C260	M-9590:9989
Rectum and rectosigmoid	C199, C209	M-9590:9989
Anus	C210:C212, C218	M-9590:9989
Liver	C220	M-9590:9989
Gallbladder	C239	M-9590:9989
Pancreas	C250:C259	M-9590:9989
Other digestive system	C240:C249, C221, C480, C481:C482, C268:C269, C488	M-9590:9989
Respiratory system		
Larynx	C320:C329	M-9590:9989
Lung and bronchus	C340:C349	M-9590:9989
Other respiratory system	C300:C301, C310:C319, C384, C339, C381:C383, C388, C390, C398, C399	M-9590:9989
Bones and joints	C400:C419	M-9590:9989
Soft tissue (including heart)	C380, C470:C479, C490:C499	M-9590:9989
Skin (excluding basal and squamous)		
Melanomas of the skin	C440:C449 (types 872:879)	
Other skin	C440:C449	M-8000:8004, 8010:8012, 8070:8076, 8090:8096, 8720:8790, 9590:9989
Breast	C500:C509	M-9590:9989
Female genital system		
Cervix uteri	C530:C539	M-9590:9989
Corpus uteri	C540:C549	M-9590:9989
Uterus, NOS	C559	M-9590:9989
Ovary	C569	M-9590:9989
Other female genital system	C529, C510:C519, C570:C589	M-9590:9989

Appendix 1 - SEER Primary Site Groupings for Incidence Data Based on ICD-O-2 [17] Codes

Primary Sites	Site (C) and Morphology (M) Codes	Excluded Morphology (M) Codes
Male genital system		
Prostate	C619	M-9590:9989
Testis	C620:C629	M-9590:9989
Penis	C600:C609	M-9590:9989
Other male genital system	C630:C639	M-9590:9989
Urinary system		
Bladder	C670:C679	M-9590:9989
Kidney and renal pelvis	C649, C659	M-9590:9989
Ureter	C669	M-9590:9989
Other urinary system	C680:C689	M-9590:9989
Eye	C690:C699	M-9590:9989
Brain and other nervous system		
Brain	C710:C719	M-9530:9539, 9590:9989
Other nervous system	C710:C719 (type 953), C700:C709, C720:C729	M-9590:9989
Endocrine		
Thyroid	C739	M-9590:9989
Other endocrine	C379, C740:C749,C750:C759	M-9590:9989
Lymphomas		
Hodgkin's disease	types 9650:9667	
Non-Hodgkin's lymphomas	types 9590:9595, 9670:9717	
Multiple myeloma	types 9731:9732	
Leukemias		
Acute lymphocytic	type 9821, 9828	
Chronic lymphocytic	type 9823	
Acute myeloid	types 9861, 9867,9871-9874	
Chronic myeloid	types 9863, 9868	
Other	types 9820, 9822, 9824, 9825, 9826, 9860, 9862, 9864, 9866, 9891, 9893, 9890, 9892, 9894, 9801, 9841, 9803, 9842, 9800, 9802, 9804, 9827, 9830, 9840, 9850, 9870, 9880, 9900, 9910, 9930:9941	
Other, ill-defined, and unknown	types 9720:9723, 9740, 9741, 9760:9764, 9950:9989 C760:C768, C809 (types 8000:9589) C420:C424 (types 8000:9589) C770:C779 (types 8000:9589)	

Appendix 2 - SEER Site Groupings for Mortality Data Based on ICD-9[22] Codes

Underlying Cause of Death	ICD-9 Codes
Buccal cavity and pharynx	
Lip	140.0-140.9
Tongue	141.0-141.9
Salivary glands	142.0-142.9
Floor of mouth	144.0-144.9
Gum and other mouth	143.0-143.9, 145.0-145.6, 145.8-145.9
Nasopharynx	147.0-147.9
Tonsil	146.0-146.2
Oropharynx	146.3-146.9
Hypopharynx	148.0-148.9
Other buccal cavity and pharynx	149.0-149.9
Digestive system	
Esophagus	150.0-150.9
Stomach	151.0-151.9
Small intestine	152.0-152.9
Colon excluding rectum	153.0-153.9, 159.0
Rectum and rectosigmoid	154.0-154.1
Anus, anal canal, and anorectum	154.2-154.3, 154.8
Liver and intrahepatic bile duct	
Liver	155.0, 155.2
Intrahepatic bile ducts	155.1
Gallbladder	156.0
Other biliary	156.1-156.9
Pancreas	157.0-157.9
Retroperitoneum	158.0
Peritoneum, omentum, and mesentery	158.8-158.9
Other digestive organs	159.8-159.9
Respiratory system	
Nasal cavity, middle ear, and accessory sinuses	161.0-160.9
Larynx	161.0-161.9
Lung and bronchus	162.2-162.9
Pleura	163.0-163.9
Trachea, mediastinum, and other respiratory organs	162.0, 164.2-165.9
Bones and joints	17.0-170.9
Soft tissue (including heart)	171.0-171.9, 164.1
Skin	
Melanomas of the skin	172.0-172.9
Other, non-epithelial skin	173.0-173.9
Breast	174.0-174.9, 175._
Female genital system	
Cervix	180.0-180.9
Corpus	182.0-182.1, 182.8
Uterus, NOS	179.-
Ovary	183.0
Vagina	184.0
Vulva	184.1-184.4
Other female genital organs	181._, 183.2-183.9, 184.8, 184.9

Appendix 2 - SEER Site Groupings for Mortality Data Based on ICD-9[22] Codes

Underlying Cause of Death	ICD-9 Codes
Male genital system	185._
Prostate	186.0-186.9
Testis	187.1-187.4
Penis	187.5-187.9
Other male genital organs	
Urinary system	
Urinary bladder	188.0-188.9
Kidney and renal pelvis	189.0-189.1
Ureter	189.2
Other urinary organs	189.3-189.4, 189.8-189.9
Eye and orbit	190.0-190.9
Brain and other nervous system	
Brain	191.0-191.9
Other nervous organs	192.0-192.3,192.8-192.9
Endocrine system	
Thyroid	193._
Other endocrine (including thymus)	164.0, 194.0-194.9
Lymphomas	
Hodgkin's disease	201.0-201.9
Non-Hodgkin's lymphomas	200.0-200.8, 202.0-202.2, 202.8-202.9
Multiple myeloma	203.0, 203.2-203.8
Leukemias	
Lymphocytic	
Acute lymphocytic	204.0
Chronic lymphocytic	204.1
Other lymphocytic	204.2-204.9
Granulocytic (myeloid)	
Acute myeloid	205.0
Chronic myeloid	205.1
Other myeloid	205.2-205.9
Monocytic	
Acute monocytic	206.0
Chronic monocytic	206.1
Other monocytic	206.2-206.9
Other	
Other acute	207.0, 208.0
Other chronic	207.1, 208.1
Aleukemic, subleukemic, and NOS	202.4, 203.1, 207.2, 207.8, 208.2-208.9
Ill-defined and unspecified sites	159.1, 195.0-195.8, 196.0-196.9, 199.0-199.1, 202.3, 202.5-202.6

Appendix 3

1970 U.S. Standard Population

All Ages	1,000,000
0-4	84,416
5-9	98,204
10-14	102,304
15-19	93,845
20-24	80,561
25-29	66,320
30-34	56,249
35-39	54,656
40-44	58,958
45-49	59,622
50-54	54,643
55-59	49,077
60-64	42,403
65-69	34,406
70-74	26,789
75-79	18,871
80-84	11,241
85+	7,435

APPENDIX 4. ESTIMATED 5-YEAR POPULATION BY RACE, SEX, AND AGE. LOUISIANA, 1994-1998

AGE	ALL RACES			WHITES			BLACKS		
	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
< 5	1,620,146	825,149	794,997	936,060	479,039	457,021	651,535	329,245	322,290
5 - 9	1,644,298	838,293	806,005	960,880	491,527	469,353	653,349	330,969	322,380
10 - 14	1,737,880	885,226	852,654	1,027,824	526,703	501,121	675,571	340,775	334,796
15 - 19	1,794,683	904,599	890,084	1,057,042	539,441	517,601	702,597	347,359	355,238
20 - 24	1,604,346	790,335	814,011	995,037	499,968	495,069	576,191	273,316	302,875
25 - 29	1,491,212	719,242	771,970	986,845	484,479	502,366	475,758	220,725	255,033
30 - 34	1,578,119	767,529	810,590	1,062,973	530,259	532,714	486,519	222,683	263,836
35 - 39	1,720,682	838,435	882,247	1,176,950	589,676	587,274	514,370	234,171	280,199
40 - 44	1,653,917	805,410	848,507	1,137,614	570,773	566,841	488,217	221,192	267,025
45 - 49	1,425,375	685,474	739,901	1,007,506	499,626	507,880	394,645	175,103	219,542
50 - 54	1,143,321	543,353	599,968	836,991	409,065	427,926	289,856	126,449	163,407
55 - 59	947,285	443,656	503,629	697,625	337,637	359,988	237,440	100,203	137,237
60 - 64	840,873	389,312	451,561	623,725	297,572	326,153	207,765	87,369	120,396
65 - 69	760,321	336,902	423,419	567,471	256,186	311,285	186,161	77,749	108,412
70 - 74	653,243	279,211	374,032	504,256	218,235	286,021	144,124	58,637	85,487
75 - 79	492,764	195,232	297,532	379,486	151,338	228,148	110,266	42,517	67,749
80 - 84	317,002	111,925	205,077	244,525	85,691	158,834	70,594	25,343	45,251
85+	262,637	73,481	189,156	193,691	52,030	141,661	67,151	20,694	46,457
ALL AGES	21,688,104	10,432,764	11,255,340	14,396,501	7,019,245	7,377,256	6,932,109	3,234,499	3,697,610