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Publication No. 10-10539



Cancer in Texas

Acknowledgments

The Texas Cancer Registry (TCR) of the Texas Department of Health (TDH) collects, analyzes and disseminates information on the occurrence of cancer in Texas. The TCR maintains a population-based, statewide database of cancer incidence reports. This report would not have been possible without the considerable efforts of TCR staff, both in the central office in Austin and in TDH regional offices. These staff are responsible for coding and processing cancer incidence reports from Texas health care providers. In turn, their work would not be possible if not for the dedication and hard work of Texas' cancer registrars and others responsible for cancer data collection throughout the state. This collaboration has enabled the production of this annual statewide cancer incidence report for Texas.

This report was prepared by the staff of the Epidemiology Program of the TCR. Inquiries regarding the content of this report should be directed to the Texas Cancer Registry, 1100 West 49th Street, Austin, Texas 78756-3199 or by telephoning (800)252-8059.

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Detailed summary data for all cancer sites are available for downloading from our website. In addition, the website contains detailed summary data for all 254 Texas counties.



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1998

Cancer in Texas



Overview

The Cancer Registry Division of the Texas Department of Health routinely publishes information on cancer incidence and mortality among Texas residents. The current report includes cancer incidence data for 1998. Summary cancer data are presented in this report by sex, age, and by race/ethnicity (non-Hispanic white, Hispanic, African American, and Other Races).

Overall Findings

A total of 73,299 new cases of invasive cancer and in-situ bladder cancer were reported among Texas residents in 1998. The overall age-adjusted incidence rate, which adjusts for growth and aging in a population, was 374.4 cases per 100,000 population. The national cancer incidence rate for 1998 was 395.3 per 100,000¹ (Figure 1).

The cancer experience of Texans differed substantially by race/ethnicity (Figure 2). The highest rate was in African Americans (431.1/100,000), followed by non-Hispanic whites (394.2/100,000), and Other Races (284.7/100,000). Hispanics had the lowest total cancer incidence rates at 272.7/100,000. Cancer rates for most cancer sites tended to be lower in Texas Hispanics, but there were important exceptions. Hispanic women in Texas had the highest rate of cervical cancer (13.2/100,000), over 1.5 times as high as non-Hispanic white women (8.2/100,000). Rates of stomach, liver and gallbladder cancers were also higher in Hispanic males and females compared with non-Hispanic white males and females.

Leading Cancer Sites

By Sex

The ten most commonly diagnosed cancers in Texas men and women are presented in Figures 3 and 4. These ten sites accounted for 81% of total cancers in men, and 79% of total cancers in women. Prostate cancer was the leading type of cancer newly diagnosed in Texas men, with 10,483 cases reported (27.5% of the total). Among women, breast cancer accounted for almost one-third, (31.3%) of all cancers reported, with 11,000 cases. Cancers of the lung and bronchus and colon and rectum were the second and third most commonly diagnosed cancers in Texas men and women, respectively. These four cancers together (prostate, breast, lung and bronchus, and colon and rectum) account

for more than 50 percent of all cancers reported among Texas residents in 1998.

By Sex and Race/Ethnicity

The five most commonly diagnosed cancers among men and women by race/ethnicity are presented in Table 1. Prostate cancer was the most commonly diagnosed cancer in men, regardless of race/ethnicity. Lung and bronchus as well as colon and rectum cancers were the second and third most commonly diagnosed cancers in each group of Texas men. The fourth and fifth leading sites varied among the different racial/ethnic groups. Similar to the patterns in 1996 and 1997, cancer of the urinary bladder was the fourth leading site in non-Hispanic white males; however, it was the fifth leading site in the Other Races category. Non-Hodgkin's lymphoma (NHL) was the fifth leading site in both non-Hispanic white and Hispanic males, but not in any other group. In African American males, oral and pharyngeal cancer was the fourth leading cancer site, followed by cancer of the kidney and renal pelvis. Kidney and renal pelvis was the fourth leading site in Hispanic males.

Breast cancer was the leading cancer site in females of each racial/ethnic group. Cancer of the lung and bronchus was second and colon and rectum was the third leading site in non-Hispanic white females, but in every other group the pattern was reversed, with colon and rectum second and lung and bronchus third. In Hispanic females, cancer of the cervix was the fourth leading site, while in non-Hispanic white, African American, and Other Race females the fourth leading site was corpus and uterus cancer. The fifth leading site was different in each female group, with NHL in non-Hispanic whites, cancer of the corpus and uterus, NOS, in Hispanics, cervix in African Americans, and ovary in Other Races.

Racial/Ethnic Comparisons with Non-Hispanic Whites

Racial and ethnic differences in cancer incidence for the total state were seen among both male and female residents (Tables 4-7). Figures 5-8 illustrate the risk of developing various types of cancer in African American males and females as well as Hispanic males and females, compared



with non-Hispanic white males and females.

African American males had significantly higher incidence rates for total cancer than non-Hispanic whites, and for most cancer types. As shown in Figure 5, the lung cancer incidence rate for African American males was over 1.4 times the rate for non-Hispanic white males. In addition, the African American male incidence rate for stomach cancer was 2.3 times the rate for non-Hispanic white males. Both liver and pancreatic cancer rates in African American males were over 1.7 times as high as in non-Hispanic white males.

In contrast with African American males, African American females have the same rate of total cancer as non-Hispanic white females (Figure 6). However, African American females had over 2 times the incidence rate for cancers of the esophagus and stomach, as well as for multiple myeloma, than non-Hispanic white females. Rates for several major cancers were statistically significantly lower in African American females than in non-Hispanic white females, including breast cancer, melanoma, and brain and CNS cancer.

On the other hand, both Hispanic males and females had statistically significantly lower total cancer incidence rates compared with non-Hispanic white males and females (Figures 7 and 8). In Hispanic males, the only sites with significantly higher incidence rates compared with non-Hispanic white males were stomach and liver and intrahepatic bile duct, while in females these cancers included stomach, liver and intrahepatic bile duct, and cervix. Most other major cancer sites were lower in Hispanic males and females compared with non-Hispanic whites.

Breast cancer was the leading cancer type in women of all age groups, except in the oldest group (85+) where colon and rectum cancer was the leading type and breast cancer ranked second. Cervix was one of the 5 leading cancer sites in women 15-54 years, but was not a leading site above age 55. Colon and rectum cancer was a leading cancer site from age 35 years and older, and lung and bronchus cancer was a leading cancer site in Texas women 45 years and older. Thyroid cancer was the third leading cancer site in Texas women 15-44 years of age, and cancer of the corpus and uterus, NOS was the fourth leading site in women aged 45-84 years. Cancer of the cervix was the second leading cancer in women 15-44 years of age.

Childhood Cancers (Age 0-14)

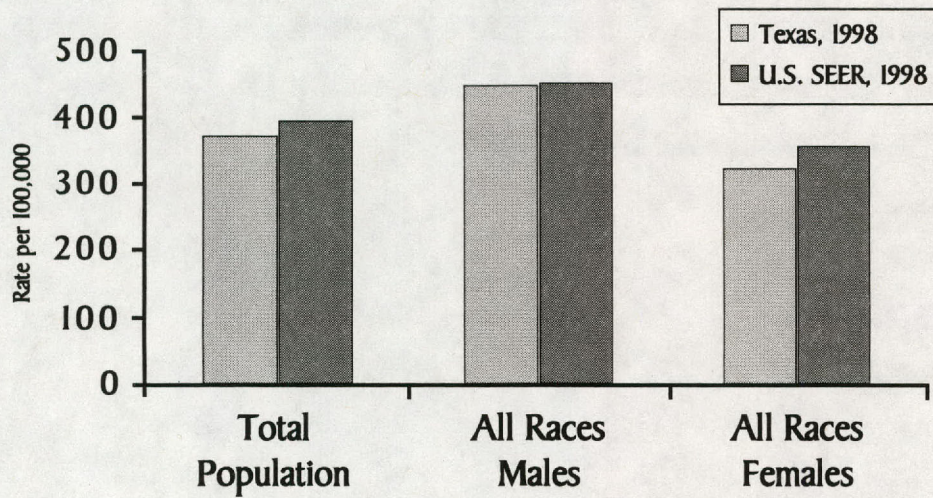
In 1998, a total of 740 cancers were diagnosed in children (ages 0-14). The majority of these were lymphoid leukemias (24.9%). Other major childhood cancers included astrocytoma (7.7%), neuroblastoma and ganglioneuroblastoma (7.8%), primitive neuroectodermal tumors (4.1%), and acute non-lymphocytic leukemia (5.7%). All other types of childhood cancer accounted for 49.9% of the total (Figure 9).

2

By Sex and Age at Diagnosis

The five most common cancer sites by sex and age at diagnosis are listed in Table 2. The pattern of leading cancer types differed in younger compared with older Texans. Testicular cancer was the leading cancer in men 15-34 years of age. Prostate cancer was the leading cancer in men aged 45 and over. Cancers of the lung and bronchus and colon and rectum were the second and third leading cancer sites in older men, beginning with the 45-54 years age group.

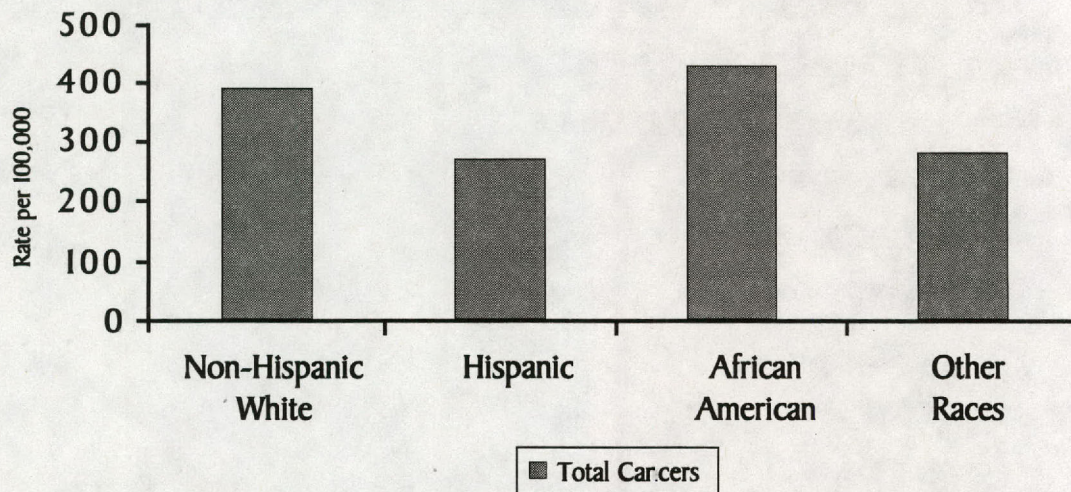
Figure 1. Total Cancer Incidence Rates* in Texas vs. SEER Program,**1998.



* Rates have been age-adjusted to the 1970 U.S. standard population.

** Surveillance Epidemiology and End Results Program of the National Cancer Institute

Figure 2. Total Cancer Incidence Rates* by Race/Ethnicity. Texas, 1998.



* Rates have been age-adjusted to the 1970 U.S. standard population.

Figure 3. Ten Leading Cancer Sites Among Males. All Races, Texas, 1998.

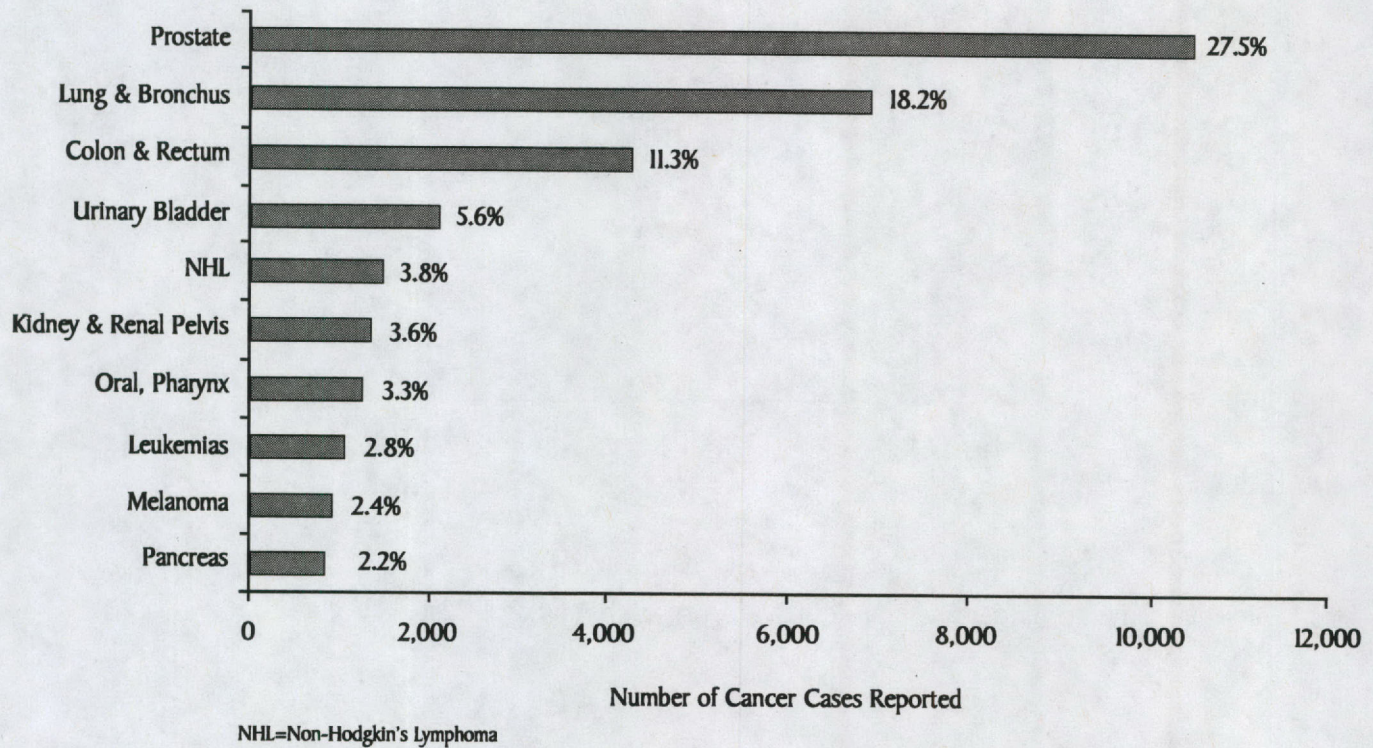


Figure 4. Ten Leading Cancer Sites Among Females. All Races, Texas, 1998.

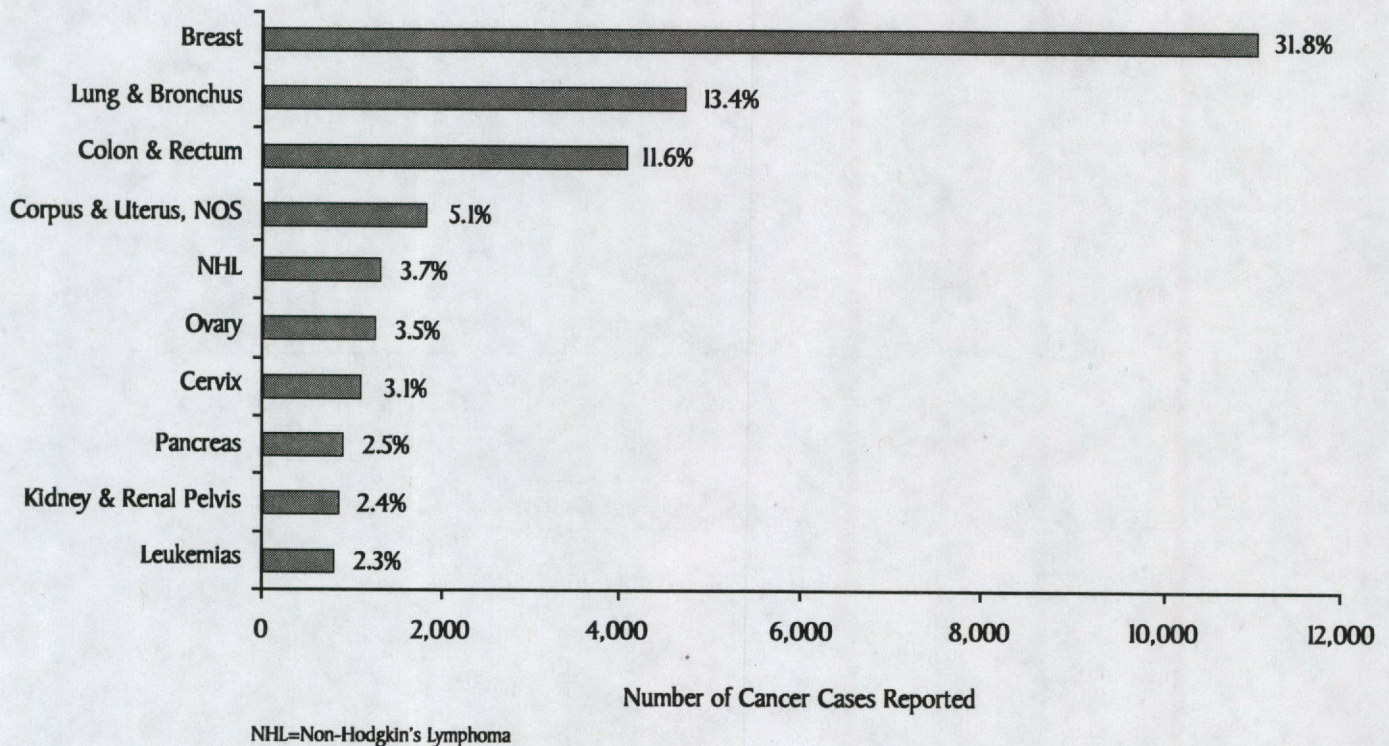
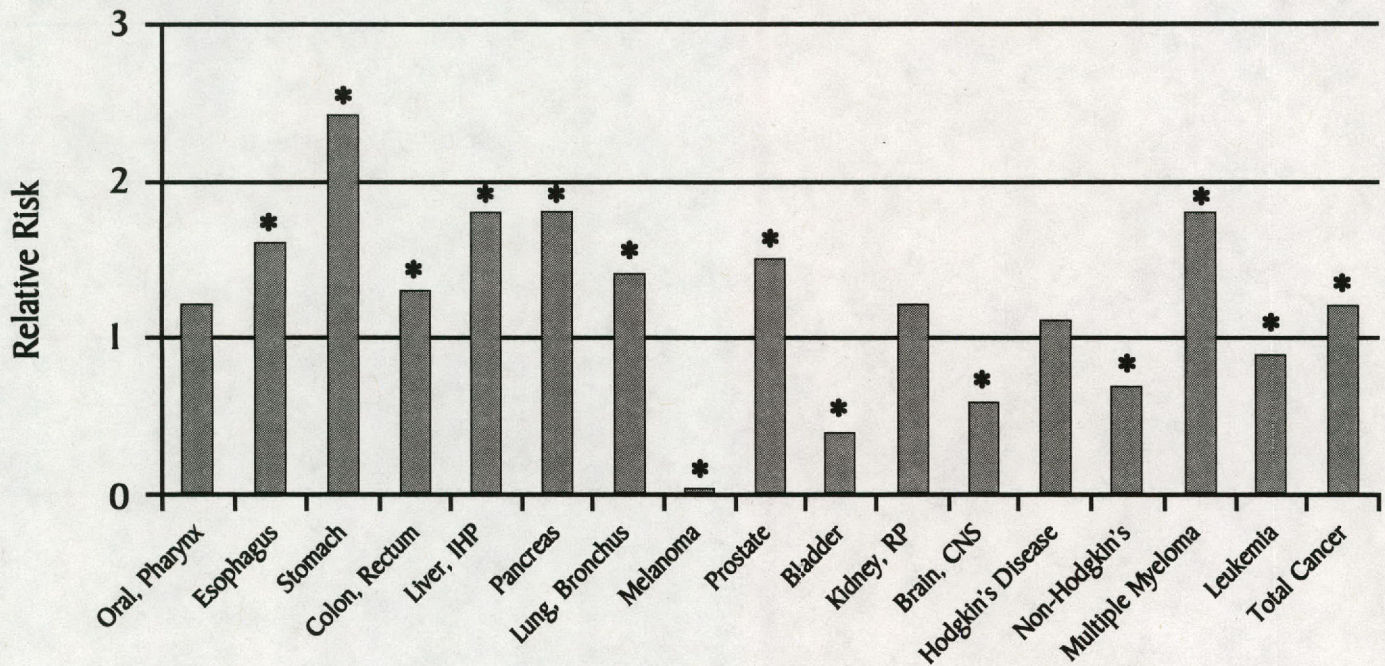
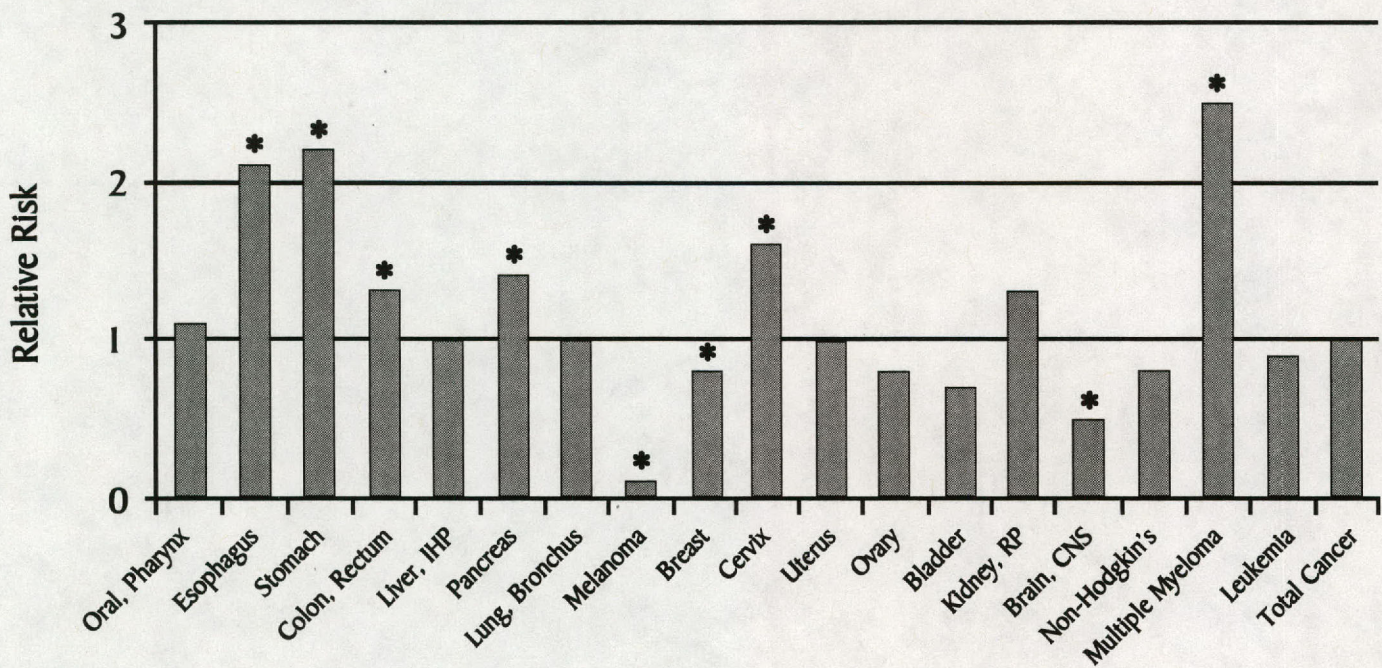


Figure 5. Relative Risk of Developing Cancer Among African American Males Compared to Non-Hispanic White Males. Texas, 1998.



* Rate in African American males is statistically significantly higher (if >1), or lower (if <1) than rate in non-Hispanic white males at p<0.05.

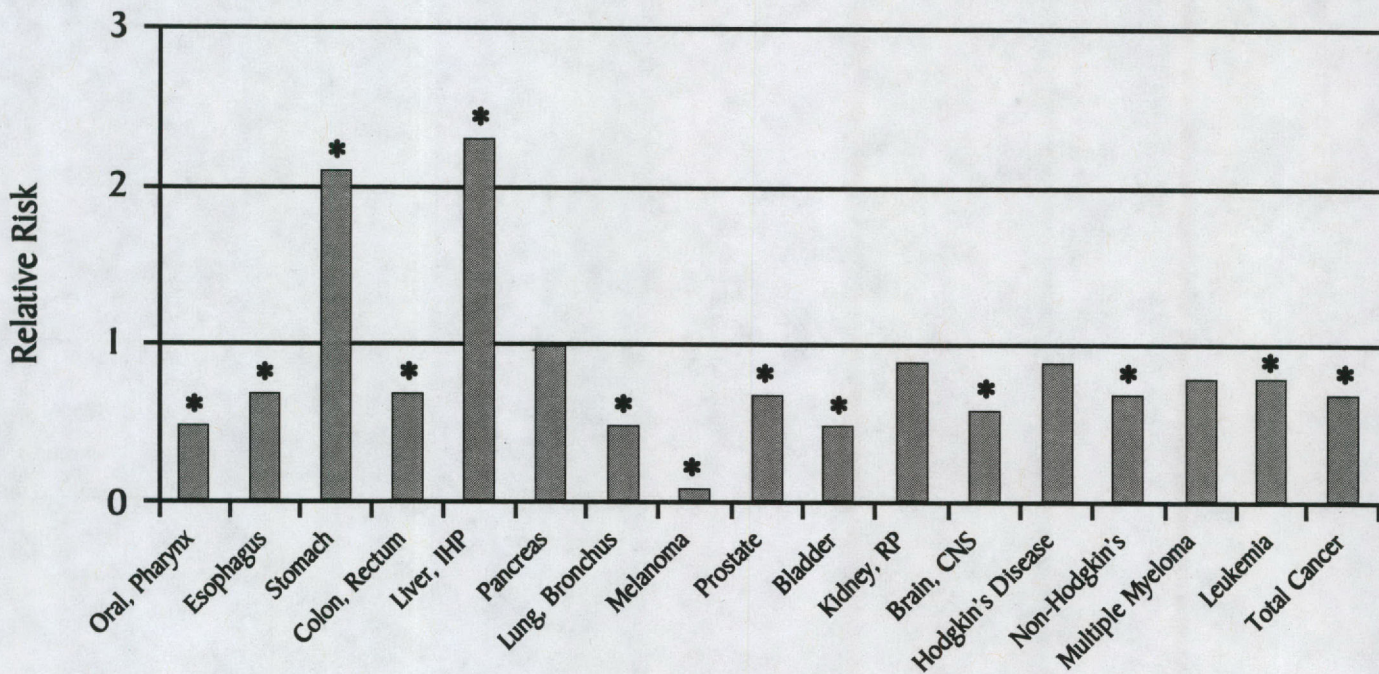
Figure 6. Relative Risk of Developing Cancer Among African American Females Compared to Non-Hispanic White Females. Texas, 1998.



* Rate in African American females is statistically significantly higher (if >1), or lower (if <1) than rate in non-Hispanic white females at p<0.05.

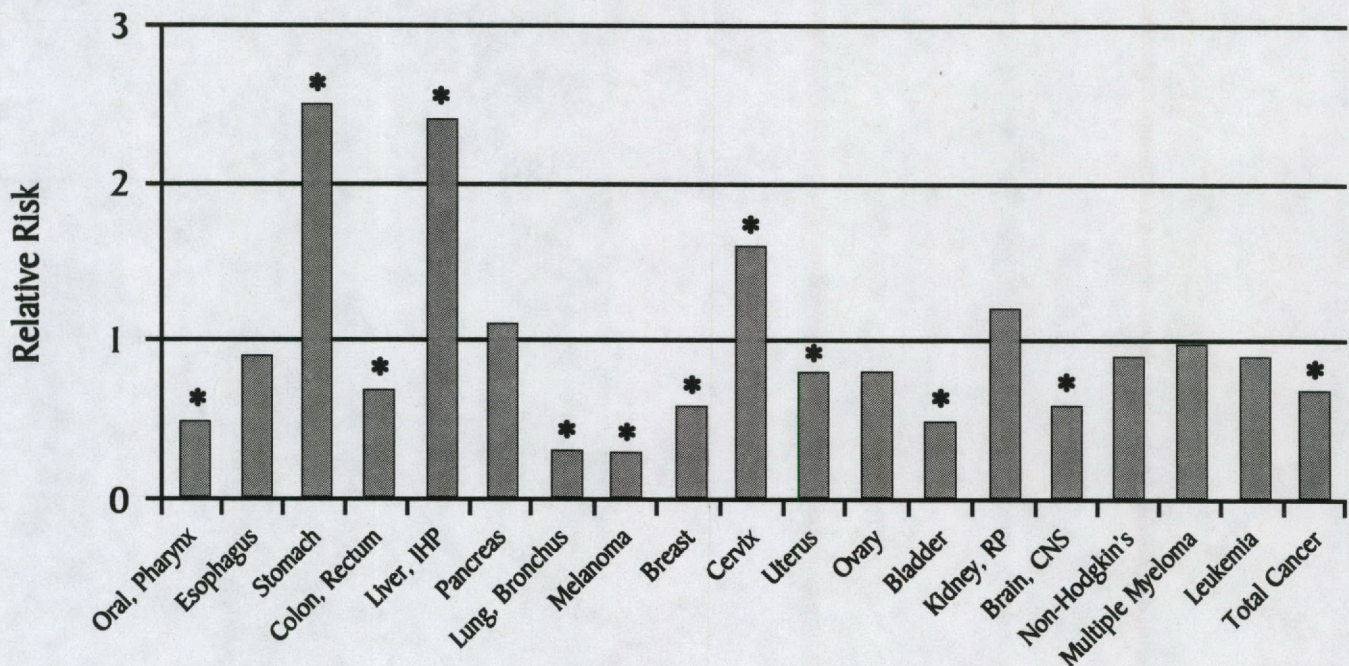


Figure 7. Relative Risk of Developing Cancer Among Hispanic Males Compared to Non-Hispanic White Males. Texas, 1998.



* Rate in Hispanic males is statistically significantly higher (if >1), or lower (if <1) than rate in non-Hispanic white males at p<0.05.

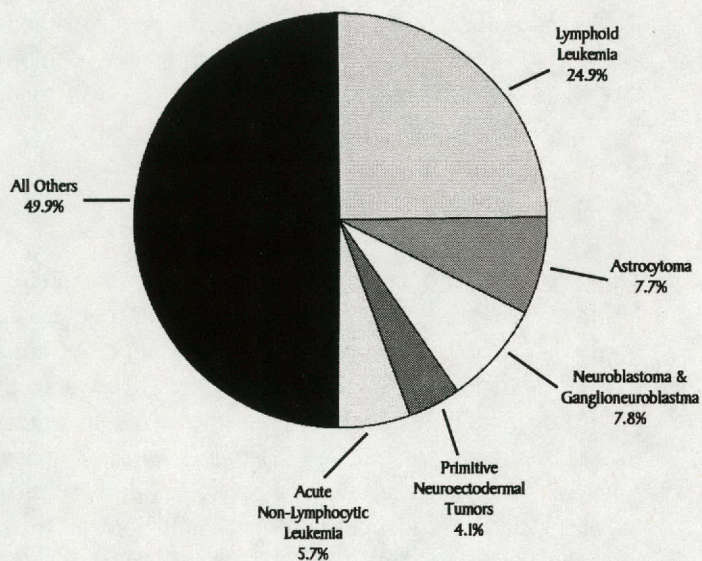
Figure 8. Relative Risk of Developing Cancer Among Hispanic Females Compared to Non-Hispanic White Females. Texas, 1998.



* Rate in Hispanic females is statistically significantly higher (if >1), or lower (if <1) than rate in non-Hispanic white females at p<0.05.

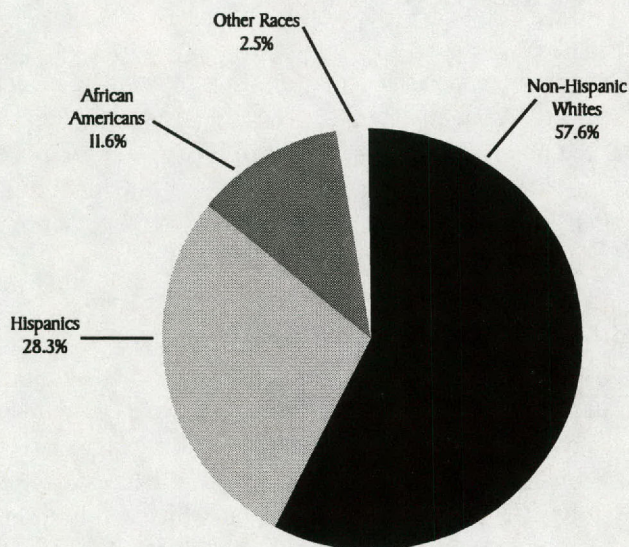


Figure 9. Childhood* Cancers. Texas, 1998.



*Ages 0-14 years

Figure 10. Distribution of the Texas Population by Race and Ethnicity, 1998.



Materials & Methods

Sources of Data

The Texas Cancer Registry (TCR) is a population-based cancer reporting system that includes incident reports of malignant neoplasms occurring among state residents. Certain benign tumors and borderline malignancies also are reported. The incidence rates in this report are for primary malignant neoplasms and in-situ tumors of the bladder. Texas hospitals and cancer treatment centers are the primary sources of case reporting. Reports also are received from outpatient clinics and free-standing pathology labs. Additionally, information is sought for Texas residents who are diagnosed and treated at facilities outside of Texas. The data used in this report were primarily abstracted from medical records and pathology reports.

The completeness of the 1998 data was evaluated by applying California's age- and race-specific cancer incidence rates to the Texas population in order to generate expected numbers of cases. Based on these calculations, the 1998 data presented here are estimated to be 99% complete.

Confidentiality

Maintaining the confidentiality of persons whose cancers are reported to the TCR is mandated by law and is the highest priority of the Registry in all aspects of operations. No data presented in this report are intended to be used to identify individuals who have been diagnosed with cancer.

Primary Site Codes

Primary site and histologic type were coded for each cancer incident case using the International Classification of Diseases for Oncology (ICD-O, version 2)². The ICD-O codes corresponding to each primary site category in this report are presented in Appendix I.

Data Management

Data on incident cancers are reported to the Texas Cancer Registry in accordance with the Texas Cancer Incidence Reporting Act (Chapter 82, Health and Safety Code). Standard data items are requested on the Confidential Cancer Incidence Reporting Form or in electronic format.

These data are entered into our cancer incident database after being checked for completeness and quality. Multiple reports for the same individual are consolidated to assure the most complete and correct information possible.

Race and Ethnicity of Cancer Cases

The race and ethnicity of each cancer patient was taken from the medical records and classified according to the categories defined in the North American Association of Central Cancer Registries (NAACCR) coding manual.³ The race/ethnic groups used in this report include the following mutually-exclusive categories: non-Hispanic white, African American, Hispanic, and Other Races (includes American Indians, Asians, etc.). The Hispanic designation can therefore be of any race, but in 1998, 99.1% of Hispanics diagnosed with cancers were of the white race. Unless persons of unknown race are coded as Hispanic (only 0.4% in 1998) they are not included in any of the race/ethnic-specific categories, but are included in the total for All Races.

Population Data

The population distribution for Texas in 1998 by race/ethnicity is shown in Figure 10. The largest group in this study is the non-Hispanic white population, 57.6% of the population. Texas Hispanics comprise 28.3% of the total population. African Americans represent 11.6% of the total population, and there were 2.5% Other Races.

Cancer Incidence Data Quality

Numerous quality assurance procedures were applied to the data based on the Surveillance, Epidemiology and End Results (SEER) Program procedures and NAACCR standards. The quality control procedures included both internal and external processes to insure the reliability, completeness, consistency and comparability of TCR data. The internal process included a review of the hard copy abstracts for multiple primaries, duplicate records, and valid codes for all fields. Both hard copy and computerized data were scrutinized for identification of: 1) possible duplicates of existing records, 2) unacceptable codes for any field, or inter-field inconsistencies, and 3) invalid or unusual site/sex, age/site, age/morphology or site/morphology com-

binations. Inconsistencies in date of birth, race, ethnicity, sex, county of residence, date of diagnosis, site and histologic type were rectified. Multiple primaries for an individual were identified among the various reports during the editing process. Information on the same primary from duplicate reports was consolidated and checked for consistency and legitimate codes.

External procedures included training of reporting facility staff, on-site case-finding studies, and reabstracting studies. Cancer death certificate files were also matched against reported incident cases for an additional check of reporting completeness. Information on all death certificates with the underlying cause of death due to malignant neoplasm was obtained from the Bureau of Vital Statistics, Texas Department of Health. Institutions listed on the death certificates as place of death were queried for additional cancer case information. Missed cases not identified from any institution were added to the cancer database. Cases for which the only available information is the death certificate, classified as "death certificate only" cases, were included in this report. The date of death was considered to be the date of diagnosis for these cases. The percentage of death certificate only cases are presented by primary site in Table 17. Of the 73,299 malignant cases, 4.2 percent were reported by death certificate only. This percentage varied greatly according to the primary site.

The percentage of cases microscopically confirmed measures the quality of the diagnostic information on which the assignment of primary site is based. A case is microscopically confirmed if the diagnosis is based on autopsy, histology, cytology, or hematology findings. Table 3 shows these percentages by primary site for 1998. Of the total primary malignant sites, 90.6 percent were microscopically confirmed.

Population-At-Risk

Population-at-risk data used in the calculation of age-adjusted rates were the 1998 population data provided by the Texas Department of Health, Office of Health Information and Analysis. Population data for the state as a whole (Appendix B) and for each of the 254 counties, by age, sex and race/ethnicity were provided. These data represent the standard 2000 Bureau of the Census classifica-

tion by race/ethnicity.

Data Analysis

In this report, average annual incidence rates were age-adjusted using the direct method. Age adjustment eliminates the effects of differences in the age structure between populations, and allows direct comparison of incidence rates for these populations. Direct standardization weights the age-specific rates for a given sex, race/ethnicity or geographic area by the age distribution of the standard population. The 1970 United States standard million population (Appendix 3) was used as the standard for all calculations.

The incidence rates and frequencies used in this report were calculated using SEER*Stat Software (version 4.1). This software was developed by SEER to analyze population-based cancer registry data, and provides the age-adjusted incidence rates for the standard set of cancer sites and site groups recognized by the SEER program. Information regarding availability and use of this software can be found on the SEER web site:

www-seer.ims.nci.nih.gov/-scientificsystems.

Figures 6–9 in this report make comparisons of the relative risk of developing cancer in Texas African-Americans and Hispanics compared with Texas non-Hispanic whites. This relative risk is calculated by dividing the age-adjusted rate in the relevant African American or Hispanic population by the age-adjusted rate in the corresponding non-Hispanic white population. A relative risk of 1.0 indicates the incidence of cancer is the same in each group. If the relative risk is greater than 1.0, the cancer incidence is higher in the group being studied (African Americans or Hispanics) than in the comparison population (non-Hispanic whites). If the relative risk is lower than 1.0 the cancer incidence rates are lower in the group being studied (African Americans or Hispanics) than in the comparison population (non-Hispanic whites).

The differences between these rates were then tested for statistical significance by calculating the 95% confidence interval for the ratio of the rate in one group compared with the other, and determining whether that confidence interval excluded 1.0. The 95% confidence intervals were obtained by the logarithmic transformation of the pooled rate ratio.⁴



Readers are cautioned that statistically significant variation in rates may occur for a variety of unknown factors, and additional assessment of any significant differences may be needed to determine which differences represent true public health problems. Statistical significance also does not reflect the overall importance of the result (that is, non-significant differences may be important, and statistically significant differences may be unimportant).

Cautions on Data Interpretation

Race/ethnicity information for cancer cases is based primarily on information contained in the patient's medical record. This information may be supplied directly by the patient for the medical record, or may be determined by admissions staff or other medical personnel and can be based on last name, race/ethnicity of parents, birthplace, or maiden name. The reporting of race/ethnicity may be influenced by the racial/ethnic distribution of the local population, by local interpretation of data collection guidelines, and other factors. It is likely that some differences in race-specific rates reflect biases of classification rather than true differences in risk.

Incidence data included in this report are based on cases of primary cancer diagnosed among Texas residents from January 1, 1998 through December 31, 1998, and which were reported to the Texas Cancer Registry by January 10, 2002. Case reporting for 1998 was estimated to be 99% complete. However, additional cases that were diagnosed in 1998 will continue to be reported to the TCR and, as a result, future reports which include 1998 cases will vary in the total numbers of cancer cases included.

Collection of stage-specific data for cancers diagnosed in Texas residents began with 1995 reports. Consequently, caution should be used in interpreting these data, as quality may be variable with the first few years of reporting of a new data item. Additionally, the percentage of cases identified through death certificates varies across cancer sites and should be considered when evaluating any particular cancer type. Since death certificates are often completed by non-medical personnel who have limited access to the medical background of the deceased, death certificate-only records do not have the same standard of data quality and completeness as those abstracted from the patient's medical record.

Finally, all users are cautioned to incorporate appropriate tests of statistical significance when making comparisons of rates presented in this report, particularly when evaluating county-level incidence data.

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Tables



Table 1. Five Most Common Cancer Sites and Percent of Total Cancers Diagnosed by Race/Ethnicity and Sex. Texas, 1998.

	Non-Hispanic White	Hispanic	African American	Other Races
RANK				
MALES				
1	Prostate 7,804 (27.5%)	Prostate 1,210 (24.0%)	Prostate 1,293 (31.6%)	Prostate 111 (23.9%)
2	Lung & Bronchus 5,385 (19.0%)	Lung & Bronchus 629 (12.5%)	Lung & Bronchus 867 (21.2%)	Colon & Rectum 55 (11.8%)
3	Colon & Rectum 3,166 (11.2%)	Colon & Rectum 599 (11.9%)	Colon & Rectum 465 (11.3%)	Lung & Bronchus 55 (11.8%)
4	Urinary Bladder 1,803 (6.4%)	Kidney & Renal Pelvis 236 (4.7%)	Oral Cavity & Pharynx 144 (3.5%)	Liver & IH Bile Duct 40 (8.6%)
5	NHL 1,091 (3.8%)	NHL 227 (4.5%)	Kidney & Renal Pelvis 144 (3.5%)	Urinary Bladder 25 (5.4%)
Total	28,392	5,048	4,098	465
RANK				
FEMALES				
1	Breast 8,282 (32.0%)	Breast 1,473 (29.0%)	Breast 1,031 (29.2%)	Breast 167 (30.7%)
2	Lung & Bronchus 3,863 (14.9%)	Colon & Rectum 477 (9.4%)	Colon & Rectum 490 (13.9%)	Colon & Rectum 56 (10.3%)
3	Colon & Rectum 3,032 (11.7%)	Lung & Bronchus 314 (6.2%)	Lung & Bronchus 475 (13.4%)	Lung & Bronchus 46 (8.5%)
4	Corpus & Uterus, NOS 1,296 (5.0%)	Cervix 312 (6.1%)	Corpus & Uterus, NOS 168 (4.8%)	Corpus & Uterus, NOS 34 (6.3%)
5	NHL 958 (3.7%)	Corpus & Uterus, NOS 291 (5.7%)	Cervix 152 (4.3%)	Ovary 31 (5.7%)
Total	25,886	5,085	3,534	544

NHL=Non-Hodgkin's Lymphoma
IH=Intrahepatic

Table 2. Five Most Common Cancer Sites and Percent of Total Cancers Diagnosed by Age at Diagnosis and Sex. Texas, 1998.

		Age at Diagnosis					
		15-34	35-44	45-54	55-64	65-84	85+
RANK		MALES					
1	Testis 269(25.3%)	Colon & Rectum 177(10.3%)	Prostate 773(18.6%)	Prostate 2,510(30.3%)	Prostate 6,667(32.5%)	Prostate 482(24.0%)	
2	Hodgkin's Disease 114(10.7%)	Lung & Bronchus 172(10.1%)	Lung & Bronchus 620(14.9%)	Lung & Bronchus 1,621(19.%) ⁶	Lung & Bronchus 4,188(20.4%)	Lung & Bronchus 324(16.1%)	
3	NHL 112(10.5%)	Testis 154(9.0%)	Colon & Rectum 543(13.0%)	Colon & Rectum 879(10.6%)	Colon & Rectum 2,332(11.4%)	Colon & Rectum 310(15.4%)	
4	Leukemias 95(8.9%)	NHL 152(8.9%)	Kidney & Renal Pelvis 248(6.0%)	Urinary Bladder 429(5.2%)	Urinary Bladder 1,302(6.4%)	Urinary Bladder 169(8.4%)	
5	Brain & CNS 83(7.8%)	Melanoma 116(6.8%)	Oral Cavity & Pharynx 245(5.9%)	Oral Cavity & Pharynx 329(4.0%)	NHL 632(3.1%)	NHL 83(4.1%)	
Total	1,065	1,711	4,166	8,279	20,495	2,011	
RANK		FEMALES					
1	Breast 258(18.6%)	Breast 1,354(43.4%)	Breast 2,404(45.1%)	Breast 2,293(35.5%)	Breast 4,115(26.2%)	Colon & Rectum 578(20.3%)	
2	Cervix 180(13.0%)	Cervix 297(9.5%)	Colon & Rectum 445(8.4%)	Lung & Bronchus 974(15.1%)	Lung & Bronchus 2,815(17.9%)	Breast 575(20.2%)	
3	Thyroid 176(12.7%)	Thyroid 182(5.8%)	Lung & Bronchus 441(8.3%)	Colon & Rectum 631(9.8%)	Colon & Rectum 2,190(14.0%)	Lung & Bronchus 328(11.5%)	
4	Ovary 90(6.5%)	Colon & Rectum 169(5.4%)	Corpus & Uterus, NOS 278(5.2%)	Corpus & Uterus, NOS 415(6.4%)	Corpus & Uterus, NOS 857(5.5%)	Pancreas 141(5.0%)	
5	Brain & CNS 89(6.4%)	Ovary 135(4.3%)	Cervix 238(4.5%)	Ovary 230(3.6%)	NHL 651(4.1%)	Urinary Bladder 114(4.0%)	
Total	1,387	3,120	5,329	6,458	15,698	2,847	

*Cancer site groups are presented according to the SEER recoding scheme, which is based largely on topography codes. Childhood cancers (ages 0-14) are grouped according to a different classification scheme, and therefore are not included in this table.

NHL=Non-Hodgkin's Lymphoma



Table 3. Number of Cases and Rate* per 100,000 by Primary Site and Sex. All Races, Texas, 1998.

	Cases							Rate		
	Total	(%) ¹	MC(%) ²	Male	(%) ¹	Female	(%) ¹	Total	Male	Female
All Sites	73,299	100.0	90.6	38,134	100.0	35,165	100.0	374.4	448.4	321.5
Oral Cavity and Pharynx	1,814	2.5	94.8	1,250	3.3	564	1.6	9.4	14.4	5.2
Lip	168	0.2	96.4	135	0.4	33	0.1	0.9	1.6	0.3
Tongue	422	0.6	97.4	298	0.8	124	0.4	2.2	3.4	1.1
Salivary Gland	213	0.3	94.4	126	0.3	87	0.2	1.1	1.5	0.8
Floor of Mouth	113	0.2	98.2	74	0.2	39	0.1	0.6	0.9	0.4
Gum & Other Mouth	298	0.4	93.3	163	0.4	135	0.4	1.5	1.9	1.2
Nasopharynx	94	0.1	91.5	75	0.2	19	0.1	0.5	0.8	0.2
Tonsil	224	0.3	98.2	160	0.4	64	0.2	1.2	1.8	0.6
Oropharynx	49	0.1	91.8	41	0.1	8	0.0	0.3	0.5	0.1
Hypopharynx	149	0.2	95.3	116	0.3	33	0.1	0.8	1.4	0.3
Other Oral Cavity & Pharynx	84	0.1	75.0	62	0.2	22	0.1	0.5	0.7	0.2
Digestive System	13,970	19.1	89.8	7,486	19.6	6,484	18.4	70.2	87.7	56.3
Esophagus	622	0.8	88.6	482	1.3	140	0.4	3.2	5.7	1.2
Stomach	1,256	1.7	92.4	752	2.0	504	1.4	6.3	8.8	4.4
Small Intestine	252	0.3	96.8	139	0.4	113	0.3	1.3	1.6	1.0
Colon & Rectum	8,360	11.4	94.9	4,298	11.3	4,062	11.6	41.9	50.4	35.2
Colon excluding Rectum	5,956	8.1	94.1	2,961	7.8	2,995	8.5	29.5	34.7	25.6
Cecum	1,177	1.6	98.1	542	1.4	635	1.8	5.8	6.4	5.3
Appendix	75	0.1	97.3	42	0.1	33	0.1	0.4	0.4	0.3
Ascending Colon	1,043	1.4	98.8	507	1.3	536	1.5	5.1	6.0	4.5
Hepatic Flexure	246	0.3	98.4	138	0.4	108	0.3	1.2	1.6	0.9
Transverse Colon	469	0.6	99.1	213	0.6	256	0.7	2.3	2.5	2.2
Splenic Flexure	166	0.2	98.2	73	0.2	93	0.3	0.8	0.9	0.8
Descending Colon	359	0.5	100.0	184	0.5	175	0.5	1.8	2.1	1.5
Sigmoid Colon	1,683	2.3	98.5	915	2.4	768	2.2	8.6	10.8	6.9
Large Intestine, NOS	738	1.0	62.1	347	0.9	391	1.1	3.5	4.1	3.0
Rectum & Rectosigmoid Junction	2,404	3.3	97.1	1,337	3.5	1,067	3.0	12.4	15.7	9.7
Rectosigmoid Junction	905	1.2	98.3	507	1.3	398	1.1	4.7	6.0	3.6
Rectum	1,499	2.0	96.3	830	2.2	669	1.9	7.7	9.7	6.0
Anus, Anal Canal & Anorectum	208	0.3	99.5	90	0.2	118	0.3	1.0	0.9	1.1
Liver & Intrahepatic Bile Duct	1,034	1.4	71.5	700	1.8	334	0.9	5.3	8.1	2.9
Liver	911	1.2	73.0	637	1.7	274	0.8	4.7	7.4	2.4
Intrahepatic Bile Duct	123	0.2	60.2	63	0.2	60	0.2	0.6	0.7	0.5
Gallbladder	194	0.3	92.3	46	0.1	148	0.4	1.0	0.5	1.3
Other Biliary	184	0.3	84.2	96	0.3	88	0.3	0.9	1.1	0.7
Pancreas	1,701	2.3	72.7	826	2.2	875	2.5	8.6	9.7	7.5
Retroperitoneum	59	0.1	98.3	25	0.1	34	0.1	0.3	0.3	0.3
Peritoneum, Omentum & Mesentery	57	0.1	89.5	14	0.0	43	0.1	0.3	0.2	0.4
Other Digestive Organs	43	0.1	69.8	18	0.0	25	0.1	0.2	0.2	0.2
Respiratory System	12,728	17.4	85.9	7,762	20.4	4,966	14.1	66.8	93.1	46.5
Nose, Nasal Cavity & Middle Ear	130	0.2	93.8	73	0.2	57	0.2	0.6	0.8	0.5
Larynx	804	1.1	95.3	645	1.7	159	0.5	4.4	7.7	1.6
Lung & Bronchus	11,644	15.9	85.2	6,941	18.2	4,703	13.4	61.1	83.3	44.0
Pleura	116	0.2	93.1	85	0.2	31	0.1	0.6	1.0	0.3
Trachea, Mediastinum & Other Respiratory	34	0.0	73.5	18	0.0	16	0.0	0.2	0.2	0.1
Bones and Joints	197	0.3	90.4	105	0.3	92	0.3	1.0	1.1	0.9
Soft Tissue including Heart	473	0.6	95.3	252	0.7	221	0.6	2.3	2.7	2.0
Skin excluding Basal and Squamous	1,844	2.5	92.3	1,135	3.0	709	2.0	9.0	12.5	6.3
Melanomas of the Skin	1,565	2.1	95.5	932	2.4	633	1.8	7.7	10.3	5.7
Other Non-Epithelial Skin	279	0.4	74.2	203	0.5	76	0.2	1.3	2.1	0.6
Breast	11,120	15.2	96.8	120	0.3	11,000	31.3	55.9	1.4	102.7
Female Genital System	4,427	6.0	95.1	0	0.0	4,427	12.6	22.0	0.0	41.0
Cervix	1,080	1.5	95.2	0	0.0	1,080	3.1	5.0	0.0	9.6

Table 3 (continued). Number of Cases and Rate* per 100,000 by Primary Site and Sex. All Races, Texas, 1998.

	Total	(%) ¹	MC(%) ²	Cases				Rate		
				Male	(%) ¹	Female	(%) ¹	Total	Male	Female
Corpus & Uterus, NOS	1,797	2.5	97.4	0	0.0	1,797	5.1	9.3	0.0	17.2
Corpus	1,650	2.3	98.5	0	0.0	1,650	4.7	8.6	0.0	15.8
Uterus, NOS	147	0.2	84.4	0	0.0	147	0.4	0.7	0.0	1.3
Ovary	1,241	1.7	91.4	0	0.0	1,241	3.5	6.2	0.0	11.5
Vagina	74	0.1	95.9	0	0.0	74	0.2	0.4	0.0	0.7
Vulva	188	0.3	96.3	0	0.0	188	0.5	0.9	0.0	1.6
Other Female Genital Organs	47	0.1	95.7	0	0.0	47	0.1	0.2	0.0	0.4
Male Genital System	11,075	15.1	92.8	11,075	29.0	0	0.0	59.0	133.2	0.0
Prostate	10,483	14.3	92.5	10,483	27.5	0	0.0	56.3	127.8	0.0
Testis	498	0.7	99.2	498	1.3	0	0.0	2.2	4.3	0.0
Penis	82	0.1	97.6	82	0.2	0	0.0	0.4	0.9	0.0
Other Male Genital Organs	12	0.0	91.7	12	0.0	0	0.0	0.1	0.1	0.0
Urinary System	5,153	7.0	93.1	3,557	9.3	1,596	4.5	26.4	41.9	14.4
Urinary Bladder	2,839	3.9	96.3	2,131	5.6	708	2.0	14.4	25.4	6.1
Kidney & Renal Pelvis	2,191	3.0	88.7	1,355	3.6	836	2.4	11.4	15.7	7.9
Ureter	86	0.1	98.8	56	0.1	30	0.1	0.4	0.7	0.3
Other Urinary Organs	37	0.1	97.3	15	0.0	22	0.1	0.2	0.2	0.2
Eye and Orbit	125	0.2	76.0	76	0.2	49	0.1	0.6	0.9	0.5
Brain & Other Nervous System	1,229	1.7	83.6	667	1.7	562	1.6	6.3	7.3	5.4
Brain	1,123	1.5	83.5	613	1.6	510	1.5	5.7	6.7	4.9
Cranial Nerves Other Nervous System	106	0.1	84.0	54	0.1	52	0.1	0.5	0.6	0.5
Endocrine System	1,127	1.5	97.1	342	0.9	785	2.2	5.4	3.6	7.3
Thyroid	1,013	1.4	97.8	284	0.7	729	2.1	4.8	2.9	6.8
Other Endocrine including Thymus	114	0.2	90.4	58	0.2	56	0.2	0.6	0.6	0.5
Lymphomas	3,267	4.5	93.5	1,755	4.6	1,512	4.3	16.3	19.3	13.7
Hodgkin's Disease	505	0.7	96.4	296	0.8	209	0.6	2.5	3.0	2.0
Hodgkin's - Nodal	482	0.7	96.5	284	0.7	198	0.6	2.4	2.9	1.9
Hodgkin's - Extranodal	23	0.0	95.7	12	0.0	11	0.0	0.1	0.1	0.1
Non-Hodgkin's Lymphomas	2,762	3.8	92.9	1,459	3.8	1,303	3.7	13.8	16.3	11.8
Non-Hodgkin's - Nodal	1,952	2.7	91.3	1,009	2.6	943	2.7	9.7	11.3	8.5
Non-Hodgkin's - Extranodal	810	1.1	96.8	450	1.2	360	1.0	4.1	5.0	3.3
Multiple Myeloma	827	1.1	79.6	442	1.2	385	1.1	4.2	5.2	3.5
Leukemias	1,850	2.5	80.0	1,057	2.8	793	2.3	9.3	11.9	7.1
Lymphocytic Leukemia	781	1.1	84.1	449	1.2	332	0.9	4.0	5.2	3.1
Acute Lymphocytic Leukemia	300	0.4	95.3	174	0.5	126	0.4	1.6	1.9	1.4
Chronic Lymphocytic Leukemia	451	0.6	76.7	257	0.7	194	0.6	2.3	3.1	1.6
Other Lymphocytic Leukemia	30	0.0	83.3	18	0.0	12	0.0	0.1	0.2	0.1
Myeloid Leukemia	796	1.1	86.3	457	1.2	339	1.0	4.0	5.1	3.1
Acute Myeloid Leukemia	512	0.7	86.5	283	0.7	229	0.7	2.5	3.1	2.1
Chronic Myeloid Leukemia	236	0.3	85.6	144	0.4	92	0.3	1.2	1.6	0.8
Other Myeloid Leukemia	48	0.1	87.5	30	0.1	18	0.1	0.2	0.3	0.2
Monocytic Leukemia	35	0.0	91.4	24	0.1	11	0.0	0.2	0.3	0.1
Acute Monocytic Leukemia	27	0.0	96.3	21	0.1	6	0.0	0.1	0.2	0.1
Chronic Monocytic Leukemia	6	0.0	100.0	2	0.0	4	0.0	0.0	0.0	0.0
Other Monocytic Leukemia	2	0.0	0.0	1	0.0	1	0.0	0.0	0.0	0.0
Other Leukemia	238	0.3	43.7	127	0.3	111	0.3	1.1	1.4	0.9
Other Acute Leukemia	58	0.1	53.4	35	0.1	23	0.1	0.3	0.4	0.2
Other Chronic Leukemia	46	0.1	2.2	21	0.1	25	0.1	0.2	0.2	0.2
Aleukemic, Subleukemic and NOS	134	0.2	53.7	71	0.2	63	0.2	0.6	0.8	0.5
Ill-defined & Unspecified Sites	2,073	2.8	67.1	1,053	2.8	1,020	2.9	10.2	12.3	8.5

*Rates are age-adjusted to the 1970 U.S. standard population.

1. Percentages are percent of total cases.

2. MC%=Percentage of cases that were microscopically confirmed.



Table 4. Number of Cases and Rate* per 100,000 by Primary Site and Sex. Non-Hispanic Whites, Texas, 1998.

	Cases							Rate		
	Total	(%) ¹	MC(%) ²	Male	(%) ¹	Female	(%) ¹	Total	Male	Female
All Sites	54,278	100.0	90.4	28,392	100.0	25,886	100.0	394.2	467.1	341.0
Oral Cavity & Pharynx	1,400	2.6	95.0	967	3.4	433	1.7	10.4	15.8	5.7
Lip	147	0.3	96.6	116	0.4	31	0.1	1.0	1.9	0.3
Tongue	329	0.6	97.6	236	0.8	93	0.4	2.5	3.9	1.2
Salivary Gland	168	0.3	94.6	104	0.4	64	0.2	1.2	1.7	0.9
Floor of Mouth	96	0.2	97.9	59	0.2	37	0.1	0.7	1.0	0.5
Gum & Other Mouth	231	0.4	94.4	129	0.5	102	0.4	1.7	2.1	1.3
Nasopharynx	66	0.1	90.9	51	0.2	15	0.1	0.5	0.8	0.2
Tonsil	166	0.3	98.2	118	0.4	48	0.2	1.3	1.9	0.7
Oropharynx	35	0.1	94.3	29	0.1	6	0.0	0.3	0.5	0.1
Hypopharynx	102	0.2	94.1	81	0.3	21	0.1	0.8	1.4	0.3
Other Oral Cavity & Pharynx	60	0.1	73.3	44	0.2	16	0.1	0.5	0.7	0.2
Digestive System	9,684	17.8	89.8	5,138	18.1	4,546	17.6	67.6	83.8	54.4
Esophagus	455	0.8	88.8	356	1.3	99	0.4	3.3	5.9	1.1
Stomach	667	1.2	91.5	410	1.4	257	1.0	4.7	6.7	3.1
Small Intestine	173	0.3	96.5	106	0.4	67	0.3	1.2	1.7	0.9
Colon & Rectum	6,198	11.4	94.6	3,166	11.2	3,032	11.7	43.1	51.6	36.3
Colon excluding Rectum	4,433	8.2	93.8	2,199	7.7	2,234	8.6	30.3	35.7	26.1
Cecum	915	1.7	98.1	418	1.5	497	1.9	6.2	6.8	5.7
Appendix	55	0.1	98.2	33	0.1	22	0.1	0.4	0.5	0.3
Ascending Colon	786	1.4	99.0	389	1.4	397	1.5	5.2	6.3	4.5
Hepatic Flexure	180	0.3	97.8	102	0.4	78	0.3	1.3	1.7	0.9
Transverse Colon	355	0.7	99.4	158	0.6	197	0.8	2.4	2.5	2.3
Splenic Flexure	122	0.2	98.4	54	0.2	68	0.3	0.9	0.9	0.8
Descending Colon	241	0.4	100.0	122	0.4	119	0.5	1.7	2.0	1.5
Sigmoid Colon	1,240	2.3	98.2	676	2.4	564	2.2	8.8	11.1	7.1
Large Intestine, NOS	539	1.0	59.2	247	0.9	292	1.1	3.5	4.0	3.0
Rectum & Rectosigmoid Junction	1,765	3.3	96.8	967	3.4	798	3.1	12.8	15.9	10.2
Rectosigmoid Junction	685	1.3	98.1	384	1.4	301	1.2	5.0	6.3	3.9
Rectum	1,080	2.0	96.0	583	2.1	497	1.9	7.8	9.6	6.3
Anus, Anal Canal & Anorectum	161	0.3	100.0	66	0.2	95	0.4	1.1	1.0	1.3
Liver & Intrahepatic Bile Duct	551	1.0	71.5	362	1.3	189	0.7	3.9	5.9	2.3
Liver	466	0.9	73.8	316	1.1	150	0.6	3.4	5.2	1.8
Intrahepatic Bile Duct	85	0.2	58.8	46	0.2	39	0.2	0.6	0.7	0.4
Gallbladder	91	0.2	91.2	20	0.1	71	0.3	0.6	0.3	0.8
Other Biliary	113	0.2	82.3	55	0.2	58	0.2	0.8	0.9	0.6
Pancreas	1,170	2.2	70.9	560	2.0	610	2.4	8.1	9.2	7.1
Retroperitoneum	36	0.1	100.0	13	0.0	23	0.1	0.3	0.2	0.3
Peritoneum, Omentum and Mesentery	39	0.1	89.7	9	0.0	30	0.1	0.3	0.1	0.4
Other Digestive Organs	30	0.1	73.3	15	0.1	15	0.1	0.2	0.3	0.1
Respiratory System	10,048	18.5	85.7	5,992	21.1	4,056	15.7	73.6	99.1	53.5
Nose, Nasal Cavity & Middle Ear	95	0.2	92.6	59	0.2	36	0.1	0.7	1.0	0.5
Larynx	583	1.1	95.0	463	1.6	120	0.5	4.5	7.8	1.7
Lung & Bronchus	9,248	17.0	85.0	5,385	19.0	3,863	14.9	67.5	88.9	50.9
Pleura	102	0.2	93.1	74	0.3	28	0.1	0.7	1.2	0.4
Trachea, Mediastinum & Other Respiratory	20	0.0	85.0	11	0.0	9	0.0	0.2	0.2	0.1
Bones & Joints	130	0.2	90.8	71	0.3	59	0.2	1.1	1.3	1.0
Soft Tissue including Heart	315	0.6	95.6	163	0.6	152	0.6	2.4	2.7	2.2
Skin excluding Basal and Squamous	1,641	3.0	92.6	1,026	3.6	615	2.4	11.9	16.3	8.3
Melanomas of the Skin	1,440	2.7	95.4	882	3.1	558	2.2	10.5	14.0	7.7
Other Non-Epithelial Skin	201	0.4	72.6	144	0.5	57	0.2	1.4	2.3	0.6
Breast	8,377	15.4	96.6	95	0.3	8,282	32.0	60.8	1.6	112.6
Female Genital System	2,980	5.5	94.7	0	0.0	2,980	11.5	21.6	0.0	40.6
Cervix	594	1.1	93.6	0	0.0	594	2.3	4.2	0.0	8.2

Table 4 (continued). Number of Cases and Rate* per 100,000 by Primary Site and Sex. Non-Hispanic Whites, Texas, 1998.

	Total	(%) ¹	MC(%) ²	Cases				Rate		
				Male	(%) ¹	Female	(%) ¹	Total	Male	Female
Corpus and Uterus, NOS	1,296	2.4	97.5	0	0.0	1,296	5.0	9.5	0.0	17.7
Corpus	1,219	2.2	98.7	0	0.0	1,219	4.7	9.0	0.0	16.7
Uterus, NOS	77	0.1	79.2	0	0.0	77	0.3	0.5	0.0	1.0
Ovary	888	1.6	90.8	0	0.0	888	3.4	6.4	0.0	12.0
Vagina	38	0.1	94.7	0	0.0	38	0.1	0.3	0.0	0.6
Vulva	139	0.3	96.4	0	0.0	139	0.5	1.0	0.0	1.8
Other Female Genital Organs	25	0.0	100.0	0	0.0	25	0.1	0.2	0.0	0.3
Male Genital System	8,202	15.1	92.8	8,202	28.9	0	0.0	61.3	136.2	0.0
Prostate	7,804	14.4	92.5	7,804	27.5	0	0.0	58.3	130.2	0.0
Testis	345	0.6	99.1	345	1.2	0	0.0	2.6	5.2	0.0
Penis	43	0.1	97.7	43	0.2	0	0.0	0.3	0.7	0.0
Other Male Genital Organs	10	0.0	90.0	10	0.0	0	0.0	0.1	0.2	0.0
Urinary System	3,994	7.4	93.4	2,820	9.9	1,174	4.5	28.7	46.2	14.9
Urinary Bladder	2,380	4.4	96.3	1,803	6.4	577	2.2	16.7	29.5	6.9
Kidney & Renal Pelvis	1,514	2.8	88.6	959	3.4	555	2.1	11.3	15.7	7.5
Ureter	72	0.1	98.6	46	0.2	26	0.1	0.5	0.8	0.3
Other Urinary Organs	28	0.1	100.0	12	0.0	16	0.1	0.2	0.2	0.2
Eye & Orbit	93	0.2	77.4	60	0.2	33	0.1	0.7	1.0	0.5
Brain & Other Nervous System	926	1.7	82.6	493	1.7	433	1.7	7.4	8.3	6.6
Brain	858	1.6	82.6	462	1.6	396	1.5	6.8	7.8	6.0
Cranial Nerves Other Nervous System	68	0.1	82.4	31	0.1	37	0.1	0.6	0.5	0.6
Endocrine System	764	1.4	96.7	258	0.9	506	2.0	5.8	4.1	7.5
Thyroid	684	1.3	97.4	215	0.8	469	1.8	5.1	3.3	6.9
Other Endocrine including Thymus	80	0.1	91.3	43	0.2	37	0.1	0.7	0.8	0.6
Lymphomas	2,376	4.4	93.4	1,284	4.5	1,092	4.2	17.4	20.9	14.5
Hodgkin's Disease	327	0.6	96.3	193	0.7	134	0.5	2.7	3.2	2.2
Hodgkin's - Nodal	312	0.6	96.5	184	0.6	128	0.5	2.6	3.1	2.1
Hodgkin's - Extranodal	15	0.0	93.3	9	0.0	6	0.0	0.1	0.1	0.1
Non-Hodgkin's Lymphomas	2,049	3.8	92.9	1,091	3.8	958	3.7	14.7	17.7	12.3
Non-Hodgkin's - Nodal	1,467	2.7	91.3	766	2.7	701	2.7	10.5	12.4	8.9
Non-Hodgkin's - Extranodal	582	1.1	96.9	325	1.1	257	1.0	4.2	5.3	3.4
Multiple Myeloma	554	1.0	79.8	311	1.1	243	0.9	3.9	5.1	3.0
Leukemias	1,280	2.4	77.1	736	2.6	544	2.1	9.5	12.3	7.1
Lymphocytic Leukemia	520	1.0	81.7	297	1.0	223	0.9	4.1	5.3	3.1
Acute Lymphocytic Leukemia	137	0.3	95.6	78	0.3	59	0.2	1.4	1.7	1.2
Chronic Lymphocytic Leukemia	358	0.7	76.3	203	0.7	155	0.6	2.5	3.3	1.7
Other Lymphocytic Leukemia	25	0.0	84.0	16	0.1	9	0.0	0.2	0.3	0.2
Myeloid Leukemia	556	1.0	84.2	324	1.1	232	0.9	4.0	5.3	3.0
Acute Myeloid Leukemia	357	0.7	84.0	196	0.7	161	0.6	2.6	3.2	2.1
Chronic Myeloid Leukemia	165	0.3	84.8	104	0.4	61	0.2	1.2	1.7	0.8
Other Myeloid Leukemia	34	0.1	82.4	24	0.1	10	0.0	0.3	0.4	0.1
Monocytic Leukemia	21	0.0	85.7	12	0.0	9	0.0	0.2	0.2	0.1
Acute Monocytic Leukemia	16	0.0	93.8	11	0.0	5	0.0	0.1	0.2	0.1
Chronic Monocytic Leukemia	3	0.0	100.0	0	0.0	3	0.0	0.0	0.0	0.0
Other Monocytic Leukemia	2	0.0	0.0	1	0.0	1	0.0	0.0	0.0	0.0
Other Leukemia	183	0.3	41.5	103	0.4	80	0.3	1.2	1.6	0.9
Other Acute Leukemia	45	0.1	55.6	31	0.1	14	0.1	0.3	0.5	0.1
Other Chronic Leukemia	38	0.1	2.6	18	0.1	20	0.1	0.2	0.3	0.2
Aleukemic, Subleukemic & NOS	100	0.2	50.0	54	0.2	46	0.2	0.7	0.8	0.6
Ill-defined & Unspecified Sites	1,514	2.8	66.6	776	2.7	738	2.9	10.3	12.6	8.5

*Rates are age-adjusted to the 1970 U.S. standard population.

1. Percentages are percent of total cases.

2. MC%=Percentage of cases that were microscopically confirmed.

Table 5. Number of Cases and Rate* per 100,000 by Primary Site and Sex. Hispanics, Texas, 1998.

	Cases							Rate		
	Total	(%) ¹	MC(%) ²	Male	(%) ¹	Female	(%) ¹	Total	Male	Female
All Sites	10,133	100.0	92.0	5,048	100.0	5,085	100.0	272.7	319.8	242.8
Oral Cavity & Pharynx	177	1.7	94.9	120	2.4	57	1.1	4.9	7.6	2.8
Lip	17	0.2	94.1	15	0.3	2	0.0	0.5	1.0	0.1
Tongue	44	0.4	93.2	26	0.5	18	0.4	1.2	1.6	0.8
Salivary Gland	16	0.2	93.8	10	0.2	6	0.1	0.4	0.6	0.2
Floor of Mouth	7	0.1	100.0	7	0.1	0	0.0	0.2	0.5	0.0
Gum & Other Mouth	27	0.3	92.6	11	0.2	16	0.3	0.7	0.7	0.8
Nasopharynx	5	0.0	100.0	5	0.1	0	0.0	0.1	0.3	0.0
Tonsil	30	0.3	100.0	19	0.4	11	0.2	0.8	1.1	0.6
Oropharynx	5	0.0	80.0	5	0.1	0	0.0	0.1	0.3	0.0
Hypopharynx	21	0.2	100.0	19	0.4	2	0.0	0.7	1.3	0.1
Other Oral Cavity & Pharynx	5	0.0	80.0	3	0.1	2	0.0	0.2	0.2	0.1
Digestive System	2,341	23.1	89.6	1,303	25.8	1,038	20.4	66.2	84.1	52.6
Esophagus	74	0.7	82.4	56	1.1	18	0.4	2.2	3.9	1.0
Stomach	374	3.7	94.4	216	4.3	158	3.1	10.4	14.0	7.7
Small Intestine	38	0.4	97.4	16	0.3	22	0.4	1.0	1.0	1.0
Colon and Rectum	1,076	10.6	96.9	599	11.9	477	9.4	30.3	38.4	24.1
Colon excluding Rectum	725	7.2	96.3	375	7.4	350	6.9	20.5	24.1	17.8
Cecum	116	1.1	99.1	62	1.2	54	1.1	3.3	4.0	2.8
Appendix	9	0.1	100.0	5	0.1	4	0.1	0.2	0.2	0.2
Ascending Colon	116	1.1	100.0	50	1.0	66	1.3	3.4	3.4	3.3
Hepatic Flexure	34	0.3	100.0	19	0.4	15	0.3	1.0	1.3	0.8
Transverse Colon	56	0.6	96.4	30	0.6	26	0.5	1.6	1.9	1.3
Splenic Flexure	21	0.2	95.2	11	0.2	10	0.2	0.6	0.6	0.5
Descending Colon	47	0.5	100.0	26	0.5	21	0.4	1.3	1.5	1.1
Sigmoid Colon	245	2.4	98.8	133	2.6	112	2.2	7.0	8.6	5.7
Large Intestine, NOS	81	0.8	75.3	39	0.8	42	0.8	2.2	2.4	2.0
Rectum & Rectosigmoid Junction	351	3.5	98.3	224	4.4	127	2.5	9.8	14.3	6.3
Rectosigmoid Junction	133	1.3	99.2	84	1.7	49	1.0	3.8	5.5	2.4
Rectum	218	2.2	97.7	140	2.8	78	1.5	6.0	8.7	3.9
Anus, Anal Canal & Anorectum	20	0.2	100.0	5	0.1	15	0.3	0.6	0.3	0.8
Liver & Intrahepatic Bile Duct	326	3.2	70.2	220	4.4	106	2.1	9.3	13.8	5.6
Liver	302	3.0	71.5	209	4.1	93	1.8	8.5	13.1	4.9
Intrahepatic Bile Duct	24	0.2	54.2	11	0.2	13	0.3	0.7	0.7	0.7
Gallbladder	73	0.7	91.8	15	0.3	58	1.1	2.1	1.1	3.0
Other Biliary	47	0.5	87.2	28	0.6	19	0.4	1.4	1.9	1.0
Pancreas	284	2.8	78.5	136	2.7	148	2.9	8.4	9.2	7.7
Retroperitoneum	18	0.2	94.4	8	0.2	10	0.2	0.4	0.4	0.5
Peritoneum, Omentum & Mesentery	5	0.0	100.0	2	0.0	3	0.1	0.1	0.1	0.1
Other Digestive Organs	6	0.1	33.3	2	0.0	4	0.1	0.2	0.1	0.2
Respiratory System	1,077	10.6	87.7	735	14.6	342	6.7	31.8	50.9	17.5
Nose, Nasal Cavity & Middle Ear	19	0.2	100.0	8	0.2	11	0.2	0.5	0.5	0.4
Larynx	100	1.0	98.0	87	1.7	13	0.3	2.9	5.9	0.6
Lung & Bronchus	943	9.3	86.4	629	12.5	314	6.2	28.1	44.0	16.4
Pleura	8	0.1	87.5	8	0.2	0	0.0	0.3	0.6	0.0
Trachea, Mediastinum & Other Respiratory	7	0.1	85.7	3	0.1	4	0.1	0.1	0.1	0.1
Bones & Joints	46	0.5	93.5	25	0.5	21	0.4	1.0	1.0	0.9
Soft Tissue including Heart	95	0.9	97.9	59	1.2	36	0.7	2.1	2.7	1.6
Skin excluding Basal and Squamous	124	1.2	87.9	66	1.3	58	1.1	3.0	3.5	2.6
Melanomas of the Skin	80	0.8	98.8	31	0.6	49	1.0	2.0	1.9	2.2
Other Non-Epithelial Skin	44	0.4	68.2	35	0.7	9	0.2	0.9	1.6	0.4
Breast	1,489	14.7	97.8	16	0.3	1,473	29.0	37.7	0.8	69.7
Female Genital System	885	8.7	97.4	0	0.0	885	17.4	21.9	0.0	40.8
Cervix	312	3.1	98.1	0	0.0	312	6.1	6.9	0.0	13.2

Table 5 (continued). Number of Cases and Rate* per 100,000 by Primary Site and Sex. Hispanics, Texas, 1998.

	Total	(%) ¹	MC(%) ²	Cases				Rate		
				Male	(%) ¹	Female	(%) ¹	Total	Male	Female
Corpus & Uterus, NOS	291	2.9	98.6	0	0.0	291	5.7	7.8	0.0	14.5
Corpus	256	2.5	99.6	0	0.0	256	5.0	6.9	0.0	12.8
Uterus, NOS	35	0.3	91.4	0	0.0	35	0.7	0.9	0.0	1.7
Ovary	219	2.2	95.9	0	0.0	219	4.3	5.4	0.0	10.1
Vagina	22	0.2	95.5	0	0.0	22	0.4	0.6	0.0	1.0
Vulva	29	0.3	93.1	0	0.0	29	0.6	0.8	0.0	1.4
Other Female Genital Organs	12	0.1	91.7	0	0.0	12	0.2	0.3	0.0	0.6
Male Genital System	1,374	13.6	93.5	1,374	27.2	0	0.0	40.2	92.5	0.0
Prostate	1,210	11.9	92.8	1,210	24.0	0	0.0	37.3	86.7	0.0
Testis	133	1.3	99.2	133	2.6	0	0.0	2.1	4.0	0.0
Penis	30	0.3	96.7	30	0.6	0	0.0	0.8	1.7	0.0
Other Male Genital Organs	1	0.0	100.0	1	0.0	0	0.0	0.0	0.1	0.0
Urinary System	711	7.0	92.4	456	9.0	255	5.0	19.9	28.8	13.0
Urinary Bladder	279	2.8	96.8	208	4.1	71	1.4	8.0	13.9	3.6
Kidney & Renal Pelvis	416	4.1	89.2	236	4.7	180	3.5	11.4	14.1	9.2
Ureter	11	0.1	100.0	9	0.2	2	0.0	0.3	0.7	0.1
Other Urinary Organs	5	0.0	100.0	3	0.1	2	0.0	0.1	0.2	0.1
Eye & Orbit	21	0.2	76.2	11	0.2	10	0.2	0.4	0.5	0.3
Brain & Other Nervous System	198	2.0	87.9	109	2.2	89	1.8	4.4	5.1	3.8
Brain	171	1.7	86.5	93	1.8	78	1.5	3.8	4.3	3.3
Cranial Nerves Other Nervous System	27	0.3	96.3	16	0.3	11	0.2	0.6	0.7	0.5
Endocrine System	236	2.3	98.3	56	1.1	180	3.5	5.1	2.7	7.4
Thyroid	215	2.1	100.0	45	0.9	170	3.3	4.7	2.2	7.0
Other Endocrine including Thymus	21	0.2	81.0	11	0.2	10	0.2	0.4	0.4	0.4
Lymphomas	558	5.5	93.4	288	5.7	270	5.3	14.0	15.4	12.7
Hodgkin's Disease	110	1.1	96.4	61	1.2	49	1.0	2.4	3.0	2.0
Hodgkin's - Nodal	105	1.0	96.2	59	1.2	46	0.9	2.3	2.9	1.8
Hodgkin's - Extranodal	5	0.0	100.0	2	0.0	3	0.1	0.1	0.1	0.2
Non-Hodgkin's Lymphomas	448	4.4	92.6	227	4.5	221	4.3	11.5	12.4	10.8
Non-Hodgkin's - Nodal	290	2.9	91.0	147	2.9	143	2.8	7.3	7.8	6.9
Non-Hodgkin's - Extranodal	158	1.6	95.6	80	1.6	78	1.5	4.2	4.5	3.9
Multiple Myeloma	120	1.2	83.3	63	1.2	57	1.1	3.5	4.1	3.0
Leukemias	363	3.6	89.8	204	4.0	159	3.1	7.8	9.5	6.5
Lymphocytic Leukemia	180	1.8	91.1	104	2.1	76	1.5	3.6	4.4	2.9
Acute Lymphocytic Leukemia	135	1.3	95.6	79	1.6	56	1.1	2.3	2.7	1.9
Chronic Lymphocytic Leukemia	42	0.4	78.6	24	0.5	18	0.4	1.3	1.7	0.9
Other Lymphocytic Leukemia	3	0.0	66.7	1	0.0	2	0.0	0.1	0.0	0.1
Myeloid Leukemia	143	1.4	93.0	76	1.5	67	1.3	3.3	3.8	2.9
Acute Myeloid Leukemia	91	0.9	94.5	50	1.0	41	0.8	2.1	2.5	1.8
Chronic Myeloid Leukemia	44	0.4	88.6	22	0.4	22	0.4	1.0	1.1	0.9
Other Myeloid Leukemia	8	0.1	100.0	4	0.1	4	0.1	0.1	0.1	0.2
Monocytic Leukemia	10	0.1	100.0	9	0.2	1	0.0	0.2	0.5	0.0
Acute Monocytic Leukemia	9	0.1	100.0	8	0.2	1	0.0	0.2	0.4	0.0
Chronic Monocytic Leukemia	1	0.0	100.0	1	0.0	0	0.0	0.0	0.1	0.0
Other Monocytic Leukemia	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Other Leukemia	30	0.3	63.3	15	0.3	15	0.3	0.7	0.8	0.6
Other Acute Leukemia	7	0.1	57.1	2	0.0	5	0.1	0.1	0.1	0.2
Other Chronic Leukemia	3	0.0	0.0	1	0.0	2	0.0	0.1	0.1	0.1
Aleukemic, Subleukemic and NOS	20	0.2	75.0	12	0.2	8	0.2	0.5	0.6	0.3
Ill-defined & Unspecified Sites	318	3.1	73.3	163	3.2	155	3.0	8.9	10.7	7.5

*Rates are age-adjusted to the 1970 U.S. standard population.

1. Percentages are percent of total cases.

2. MC%=Percentage of cases that were microscopically confirmed.

**Table 6. Number of Cases and Rate* per 100,000 by Primary Site and Sex.
African Americans, Texas, 1998.**

	Total	(%) ¹	Cases					Rate		
			MC(%) ²	Male	(%) ¹	Female	(%) ¹	Total	Male	Female
All Sites	7,632	100.0	89.6	4,098	100.0	3,534	100.0	431.1	580.7	332.2
Oral Cavity & Pharynx	206	2.7	92.7	144	3.5	62	1.8	11.8	19.5	6.0
Lip	2	0.0	100.0	2	0.0	0	0.0	0.1	0.3	0.0
Tongue	43	0.6	100.0	35	0.9	8	0.2	2.5	4.9	0.8
Salivary Gland	23	0.3	91.3	9	0.2	14	0.4	1.2	1.2	1.3
Floor of Mouth	10	0.1	100.0	8	0.2	2	0.1	0.6	1.1	0.2
Gum & Other Mouth	36	0.5	86.1	21	0.5	15	0.4	2.0	2.7	1.4
Nasopharynx	15	0.2	86.7	12	0.3	3	0.1	0.7	1.1	0.2
Tonsil	24	0.3	95.8	20	0.5	4	0.1	1.4	2.8	0.4
Oropharynx	9	0.1	88.9	7	0.2	2	0.1	0.6	1.0	0.2
Hypopharynx	26	0.3	96.2	16	0.4	10	0.3	1.5	2.2	1.1
Other Oral Cavity & Pharynx	18	0.2	83.3	14	0.3	4	0.1	1.2	2.2	0.5
Digestive System	1,679	22.0	90.1	898	21.9	781	22.1	95.2	125.3	73.9
Esophagus	88	1.2	92.0	67	1.6	21	0.6	5.4	9.7	2.3
Stomach	192	2.5	91.1	115	2.8	77	2.2	10.4	15.8	6.9
Small Intestine	38	0.5	97.4	16	0.4	22	0.6	2.2	2.3	2.2
Colon & Rectum	955	12.5	94.7	465	11.3	490	13.9	54.1	65.3	46.0
Colon excluding Rectum	709	9.3	93.7	340	8.3	369	10.4	40.0	48.5	34.1
Cecum	133	1.7	97.0	53	1.3	80	2.3	7.3	7.4	7.2
Appendix	9	0.1	88.9	4	0.1	5	0.1	0.4	0.4	0.5
Ascending Colon	125	1.6	97.6	59	1.4	66	1.9	7.1	8.7	6.0
Hepatic Flexure	30	0.4	100.0	16	0.4	14	0.4	1.8	2.4	1.4
Transverse Colon	54	0.7	100.0	24	0.6	30	0.8	3.1	3.4	2.9
Splenic Flexure	21	0.3	100.0	8	0.2	13	0.4	1.1	1.0	1.1
Descending Colon	59	0.8	100.0	30	0.7	29	0.8	3.3	4.3	2.6
Sigmoid Colon	175	2.3	99.4	93	2.3	82	2.3	10.3	13.4	8.2
Large Intestine, NOS	103	1.3	65.0	53	1.3	50	1.4	5.6	7.6	4.3
Rectum & Rectosigmoid Junction	246	3.2	97.6	125	3.1	121	3.4	14.1	16.7	11.9
Rectosigmoid Junction	77	1.0	98.7	34	0.8	43	1.2	4.2	4.6	4.0
Rectum	169	2.2	97.0	91	2.2	78	2.2	9.8	12.2	7.9
Anus, Anal Canal & Anorectum	27	0.4	96.3	19	0.5	8	0.2	1.4	2.2	0.9
Liver & Intrahepatic Bile Duct	100	1.3	75.0	77	1.9	23	0.7	5.8	10.5	2.2
Liver	91	1.2	74.7	74	1.8	17	0.5	5.2	10.0	1.7
Intrahepatic Bile Duct	9	0.1	77.8	3	0.1	6	0.2	0.5	0.5	0.6
Gallbladder	19	0.2	94.7	6	0.1	13	0.4	1.0	1.0	1.1
Other Biliary	16	0.2	81.3	7	0.2	9	0.3	0.9	1.0	0.9
Pancreas	223	2.9	73.5	119	2.9	104	2.9	12.7	16.5	10.0
Retroperitoneum	4	0.1	100.0	3	0.1	1	0.0	0.2	0.5	0.1
Peritoneum, Omentum & Mesentery	12	0.2	83.3	3	0.1	9	0.3	0.7	0.4	0.9
Other Digestive Organs	5	0.1	100.0	1	0.0	4	0.1	0.3	0.2	0.3
Respiratory System	1,478	19.4	86.2	967	23.6	511	14.5	88.5	140.9	52.3
Nose, Nasal Cavity & Middle Ear	11	0.1	90.9	6	0.1	5	0.1	0.6	0.8	0.5
Larynx	115	1.5	94.8	89	2.2	26	0.7	7.0	12.7	2.8
Lung & Bronchus	1,342	17.6	85.6	867	21.2	475	13.4	80.4	126.7	48.5
Pleura	4	0.1	100.0	2	0.0	2	0.1	0.2	0.2	0.2
Trachea, Mediastinum & Other Respiratory	6	0.1	33.3	3	0.1	3	0.1	0.3	0.4	0.3
Bones & Joints	18	0.2	83.3	7	0.2	11	0.3	0.9	0.7	1.0
Soft Tissue including Heart	49	0.6	87.8	22	0.5	27	0.8	2.3	2.2	2.5
Skin excluding Basal & Squamous	41	0.5	92.7	23	0.6	18	0.5	1.9	2.1	1.6
Melanomas of the Skin	14	0.2	92.9	4	0.1	10	0.3	0.7	0.4	0.9
Other Non-Epithelial Skin	27	0.4	92.6	19	0.5	8	0.2	1.1	1.7	0.6
Breast	1,038	13.6	96.4	7	0.2	1,031	29.2	53.5	1.1	93.8
Female Genital System	453	5.9	93.2	0	0.0	453	12.8	24.3	0.0	42.3
Cervix	152	2.0	95.4	0	0.0	152	4.3	7.2	0.0	13.0

Table 6 (continued). Number of Cases and Rate* per 100,000 by Primary Site and Sex. African Americans, Texas, 1998.

	Total	(%) ¹	MC(%) ²	Cases				Rate		
				Male	(%) ¹	Female	(%) ¹	Total	Male	Female
Corpus & Uterus, NOS	168	2.2	94.0	0	0.0	168	4.8	10.0	0.0	17.0
Corpus	138	1.8	95.7	0	0.0	138	3.9	8.2	0.0	14.0
Uterus, NOS	30	0.4	86.7	0	0.0	30	0.8	1.8	0.0	3.0
Ovary	96	1.3	86.5	0	0.0	96	2.7	5.3	0.0	9.1
Vagina	13	0.2	100.0	0	0.0	13	0.4	0.7	0.0	1.1
Vulva	15	0.2	100.0	0	0.0	15	0.4	0.8	0.0	1.3
Other Female Genital Organs	9	0.1	88.9	0	0.0	9	0.3	0.4	0.0	0.7
Male Genital System	1,317	17.3	92.0	1,317	32.1	0	0.0	80.6	198.0	0.0
Prostate	1,293	16.9	91.8	1,293	31.6	0	0.0	79.5	195.7	0.0
Testis	16	0.2	100.0	16	0.4	0	0.0	0.6	1.2	0.0
Penis	8	0.1	100.0	8	0.2	0	0.0	0.4	1.1	0.0
Other Male Genital Organs	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Urinary System	385	5.0	90.6	234	5.7	151	4.3	22.0	32.7	14.7
Urinary Bladder	141	1.8	93.6	89	2.2	52	1.5	8.1	12.9	4.8
Kidney & Renal Pelvis	238	3.1	89.1	144	3.5	94	2.7	13.6	19.5	9.4
Ureter	2	0.0	100.0	1	0.0	1	0.0	0.1	0.2	0.1
Other Urinary Organs	4	0.1	75.0	0	0.0	4	0.1	0.2	0.0	0.4
Eye & Orbit	5	0.1	80.0	2	0.0	3	0.1	0.2	0.2	0.3
Brain & Other Nervous System	83	1.1	85.5	49	1.2	34	1.0	4.0	5.2	3.1
Brain	75	1.0	89.3	45	1.1	30	0.8	3.6	4.8	2.7
Cranial Nerves Other Nervous System	8	0.1	50.0	4	0.1	4	0.1	0.4	0.5	0.4
Endocrine System	82	1.1	96.3	14	0.3	68	1.9	3.9	1.6	5.8
Thyroid	72	0.9	95.8	12	0.3	60	1.7	3.4	1.4	5.0
Other Endocrine including Thymus	10	0.1	100.0	2	0.0	8	0.2	0.5	0.1	0.7
Lymphomas	280	3.7	94.3	157	3.8	123	3.5	13.5	16.4	11.0
Hodgkin's Disease	58	0.8	96.6	37	0.9	21	0.6	2.5	3.4	1.7
Hodgkin's - Nodal	55	0.7	96.4	36	0.9	19	0.5	2.4	3.3	1.5
Hodgkin's - Extranodal	3	0.0	100.0	1	0.0	2	0.1	0.1	0.1	0.2
Non-Hodgkin's Lymphomas	222	2.9	93.7	120	2.9	102	2.9	11.0	12.9	9.3
Non-Hodgkin's - Nodal	161	2.1	91.9	80	2.0	81	2.3	7.9	8.4	7.4
Non-Hodgkin's - Extranodal	61	0.8	98.4	40	1.0	21	0.6	3.1	4.5	1.9
Multiple Myeloma	143	1.9	75.5	64	1.6	79	2.2	8.2	9.3	7.6
Leukemias	163	2.1	77.9	90	2.2	73	2.1	8.5	11.1	6.7
Lymphocytic Leukemia	57	0.7	82.5	33	0.8	24	0.7	3.1	4.3	2.2
Acute Lymphocytic Leukemia	19	0.2	94.7	12	0.3	7	0.2	0.9	1.2	0.6
Chronic Lymphocytic Leukemia	37	0.5	75.7	21	0.5	16	0.5	2.1	3.1	1.5
Other Lymphocytic Leukemia	1	0.0	100.0	0	0.0	1	0.0	0.0	0.0	0.1
Myeloid Leukemia	79	1.0	87.3	46	1.1	33	0.9	4.0	5.2	3.1
Acute Myeloid Leukemia	53	0.7	86.8	31	0.8	22	0.6	2.6	3.3	2.0
Chronic Myeloid Leukemia	20	0.3	85.0	13	0.3	7	0.2	1.1	1.6	0.7
Other Myeloid Leukemia	6	0.1	100.0	2	0.0	4	0.1	0.3	0.3	0.4
Monocytic Leukemia	3	0.0	100.0	2	0.0	1	0.0	0.2	0.3	0.1
Acute Monocytic Leukemia	1	0.0	100.0	1	0.0	0	0.0	0.0	0.1	0.0
Chronic Monocytic Leukemia	2	0.0	100.0	1	0.0	1	0.0	0.1	0.1	0.1
Other Monocytic Leukemia	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Other Leukemia	24	0.3	33.3	9	0.2	15	0.4	1.2	1.3	1.2
Other Acute Leukemia	6	0.1	33.3	2	0.0	4	0.1	0.2	0.3	0.2
Other Chronic Leukemia	5	0.1	0.0	2	0.0	3	0.1	0.3	0.3	0.3
Aleukemic, Subleukemic and NOS	13	0.2	46.2	5	0.1	8	0.2	0.7	0.7	0.7
Ill-defined & Unspecified Sites	212	2.8	60.4	103	2.5	109	3.1	11.8	14.5	9.8

*Rates are age-adjusted to the 1970 U.S. standard population.

1. Percentages are percent of total cases.

2. MC%=Percentage of cases that were microscopically confirmed.

Table 7. Number of Cases and Rate* per 100,000 by Primary Site and Sex. Other Races, Texas, 1998.

	Total	(%) ¹	MC(%) ²	Cases				Rate		
				Male	(%) ¹	Female	(%) ¹	Total	Male	Female
All Sites	1,009	100.0	92.1	465	100.0	544	100.0	284.7	307.1	270.5
Oral Cavity & Pharynx	29	2.9	96.6	18	3.9	11	2.0	7.2	9.4	5.4
Lip	1	0.1	100.0	1	0.2	0	0.0	0.2	0.4	0.0
Tongue	5	0.5	100.0	1	0.2	4	0.7	1.2	0.3	1.9
Salivary Gland	6	0.6	100.0	3	0.6	3	0.6	1.2	1.5	1.1
Floor of Mouth	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Gum & Other Mouth	4	0.4	100.0	2	0.4	2	0.4	1.1	0.6	1.4
Nasopharynx	8	0.8	100.0	7	1.5	1	0.2	1.8	3.4	0.3
Tonsil	4	0.4	100.0	3	0.6	1	0.2	1.4	2.3	0.7
Oropharynx	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Hypopharynx	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Other Oral Cavity & Pharynx	1	0.1	0.0	1	0.2	0	0.0	0.4	0.9	0.0
Digestive System	238	23.6	89.1	130	28.0	108	19.9	69.9	79.4	61.0
Esophagus	5	0.5	100.0	3	0.6	2	0.4	1.9	2.8	1.2
Stomach	23	2.3	100.0	11	2.4	12	2.2	6.4	8.4	5.0
Small Intestine	2	0.2	100.0	1	0.2	1	0.2	0.7	0.9	0.7
Colon & Rectum	111	11.0	93.7	55	11.8	56	10.3	32.9	33.7	31.4
Colon excluding Rectum	74	7.3	93.2	37	8.0	37	6.8	22.9	24.0	21.8
Cecum	9	0.9	100.0	5	1.1	4	0.7	3.3	3.7	2.9
Appendix	2	0.2	100.0	0	0.0	2	0.4	0.5	0.0	1.0
Ascending Colon	13	1.3	92.3	7	1.5	6	1.1	3.6	3.8	3.4
Hepatic Flexure	1	0.1	100.0	1	0.2	0	0.0	0.4	0.9	0.0
Transverse Colon	2	0.2	100.0	0	0.0	2	0.4	0.5	0.0	0.9
Splenic Flexure	2	0.2	100.0	0	0.0	2	0.4	0.8	0.0	1.4
Descending Colon	10	1.0	100.0	6	1.3	4	0.7	2.3	2.9	1.9
Sigmoid Colon	22	2.2	100.0	12	2.6	10	1.8	7.1	8.1	6.1
Large Intestine, NOS	13	1.3	69.2	6	1.3	7	1.3	4.4	4.6	4.1
Rectum & Rectosigmoid Junction	37	3.7	94.6	18	3.9	19	3.5	9.9	9.7	9.6
Rectosigmoid Junction	8	0.8	100.0	4	0.9	4	0.7	2.0	2.4	1.6
Rectum	29	2.9	93.1	14	3.0	15	2.8	8.0	7.3	8.0
Anus, Anal Canal & Anorectum	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Liver & Intrahepatic Bile Duct	55	5.5	74.5	40	8.6	15	2.8	15.3	22.7	8.7
Liver	50	5.0	74.0	37	8.0	13	2.4	14.2	21.6	7.8
Intrahepatic Bile Duct	5	0.5	80.0	3	0.6	2	0.4	1.1	1.1	1.0
Gallbladder	10	1.0	100.0	5	1.1	5	0.9	3.1	3.1	3.1
Other Biliary	8	0.8	100.0	6	1.3	2	0.4	1.8	2.5	1.1
Pancreas	22	2.2	81.8	9	1.9	13	2.4	7.2	5.4	8.5
Retroperitoneum	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
Other Digestive Organs	2	0.2	50.0	0	0.0	2	0.4	0.7	0.0	1.2
Respiratory System	112	11.1	85.7	62	13.3	50	9.2	38.6	48.1	30.7
Nose, Nasal Cavity & Middle Ear	3	0.3	100.0	0	0.0	3	0.6	1.0	0.0	1.7
Larynx	5	0.5	80.0	5	1.1	0	0.0	1.5	3.4	0.0
Lung & Bronchus	101	10.0	86.1	55	11.8	46	8.5	35.0	43.0	28.3
Pleura	2	0.2	100.0	1	0.2	1	0.2	0.7	0.7	0.7
Trachea, Mediastinum & Other Respiratory Organs	1	0.1	0.0	1	0.2	0	0.0	0.4	1.0	0.0
Bones & Joints	3	0.3	66.7	2	0.4	1	0.2	0.7	1.3	0.4
Soft Tissue including Heart	12	1.2	100.0	7	1.5	5	0.9	2.4	3.4	1.4
Skin excluding Basal & Squamous	18	1.8	100.0	9	1.9	9	1.7	3.7	4.8	3.0
Melanomas of the Skin	15	1.5	100.0	7	1.5	8	1.5	3.0	3.5	2.7
Other Non-Epithelial Skin	3	0.3	100.0	2	0.4	1	0.2	0.7	1.3	0.2
Breast	169	16.7	98.2	2	0.4	167	30.7	39.1	1.0	72.6
Female Genital System	87	8.6	94.3	0	0.0	87	16.0	22.0	0.0	41.5
Cervix	18	1.8	94.4	0	0.0	18	3.3	3.9	0.0	7.6

Table 7 (continued). Number of Cases and Rate* per 100,000 by Primary Site and Sex. Other Races, Texas, 1998.

	Total	(%) ¹	MC(%) ²	Cases				Rate		
				Male	(%) ¹	Female	(%) ¹	Total	Male	Female
Corpus & Uterus, NOS	34	3.4	97.1	0	0.0	34	6.3	9.2	0.0	17.2
Corpus	29	2.9	96.6	0	0.0	29	5.3	7.9	0.0	14.8
Uterus, NOS	5	0.5	100.0	0	0.0	5	0.9	1.3	0.0	2.4
Ovary	31	3.1	90.3	0	0.0	31	5.7	7.6	0.0	14.4
Vagina	1	0.1	100.0	0	0.0	1	0.2	0.1	0.0	0.3
Vulva	2	0.2	100.0	0	0.0	2	0.4	0.7	0.0	1.2
Other Female Genital Organs	1	0.1	100.0	0	0.0	1	0.2	0.5	0.0	0.8
Male Genital System	117	11.6	97.4	117	25.2	0	0.0	39.5	88.8	0.0
Prostate	111	11.0	97.3	111	23.9	0	0.0	38.5	86.8	0.0
Testis	4	0.4	100.0	4	0.9	0	0.0	0.6	1.3	0.0
Penis	1	0.1	100.0	1	0.2	0	0.0	0.1	0.3	0.0
Other Male Genital Organs	1	0.1	100.0	1	0.2	0	0.0	0.2	0.4	0.0
Urinary System	54	5.4	92.6	39	8.4	15	2.8	17.2	28.0	8.6
Urinary Bladder	32	3.2	100.0	25	5.4	7	1.3	10.5	18.8	4.1
Kidney & Renal Pelvis	21	2.1	81.0	14	3.0	7	1.3	6.4	9.3	3.8
Ureter	1	0.1	100.0	0	0.0	1	0.2	0.3	0.0	0.6
Other Urinary Organs	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Eye & Orbit	2	0.2	50.0	0	0.0	2	0.4	0.5	0.0	0.9
Brain & Other Nervous System	21	2.1	76.2	16	3.4	5	0.9	5.1	7.8	2.9
Brain	18	1.8	72.2	13	2.8	5	0.9	4.5	6.4	2.9
Cranial Nerves Other Nervous System	3	0.3	100.0	3	0.6	0	0.0	0.6	1.4	0.0
Endocrine System	43	4.3	97.7	13	2.8	30	5.5	9.1	4.5	13.1
Thyroid	40	4.0	97.5	11	2.4	29	5.3	8.6	3.9	12.8
Other Endocrine including Thymus	3	0.3	100.0	2	0.4	1	0.2	0.5	0.7	0.3
Lymphomas	41	4.1	95.1	19	4.1	22	4.0	11.7	12.8	11.0
Hodgkin's Disease	9	0.9	100.0	5	1.1	4	0.7	2.2	2.5	1.8
Hodgkin's - Nodal	9	0.9	100.0	5	1.1	4	0.7	2.2	2.5	1.8
Hodgkin's - Extranodal	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Non-Hodgkin's Lymphomas	32	3.2	93.8	14	3.0	18	3.3	9.5	10.3	9.2
Non-Hodgkin's - Nodal	24	2.4	91.7	10	2.2	14	2.6	7.4	7.4	7.6
Non-Hodgkin's - Extranodal	8	0.8	100.0	4	0.9	4	0.7	2.1	2.9	1.6
Multiple Myeloma	7	0.7	85.7	3	0.6	4	0.7	2.5	2.4	2.6
Leukemias	31	3.1	90.3	19	4.1	12	2.2	7.5	9.2	6.1
Lymphocytic Leukemia	12	1.2	83.3	7	1.5	5	0.9	3.0	3.4	2.7
Acute Lymphocytic Leukemia	9	0.9	88.9	5	1.1	4	0.7	2.0	1.7	2.2
Chronic Lymphocytic Leukemia	2	0.2	50.0	1	0.2	1	0.2	0.7	0.7	0.6
Other Lymphocytic Leukemia	1	0.1	100.0	1	0.2	0	0.0	0.4	0.9	0.0
Myeloid Leukemia	17	1.7	94.1	11	2.4	6	1.1	4.0	5.1	3.1
Acute Myeloid Leukemia	10	1.0	100.0	6	1.3	4	0.7	2.8	3.7	2.2
Chronic Myeloid Leukemia	7	0.7	85.7	5	1.1	2	0.4	1.2	1.4	0.9
Other Myeloid Leukemia	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Monocytic Leukemia	1	0.1	100.0	1	0.2	0	0.0	0.3	0.7	0.0
Acute Monocytic Leukemia	1	0.1	100.0	1	0.2	0	0.0	0.3	0.7	0.0
Chronic Monocytic Leukemia	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Other Monocytic Leukemia	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Other Leukemia	1	0.1	100.0	0	0.0	1	0.2	0.1	0.0	0.3
Other Acute Leukemia	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Other Chronic Leukemia	0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Aleukemic, Subleukemic and NOS	1	0.1	100.0	0	0.0	1	0.2	0.1	0.0	0.3
Ill-defined & Unspecified Sites	25	2.5	68.0	9	1.9	16	2.9	8.0	6.2	9.4

*Rates are age-adjusted to the 1970 U.S. standard population.

1. Percentages are percent of total cases.

2. MC%=Percentage of cases that were microscopically confirmed.

Table 8. Number of Cases, Percent of Total, and Age-specific Rate per 100,000 by Primary Site. Females, Texas, 1998.

	Age Group																	
	15-34			35-44			45-54			55-64			65-84			85+		
	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate
All Sites	1,387	100.0	47.3	3,120	100.0	199.4	5,329	100.0	448.2	6,458	100.0	847.4	15,698	100.0	1559.2	2,847	100.0	1747.6
Oral Cavity & Pharynx	23	1.7	0.8	48	1.5	3.1	78	1.5	6.6	117	1.8	15.4	250	1.6	24.8	43	1.5	26.4
Lip	0	0.0	0	1	0.0	0.1	2	0.0	0.2	5	0.1	0.7	18	0.1	1.8	7	0.2	4.3
Tongue	3	0.2	0.1	13	0.4	0.8	14	0.3	1.2	26	0.4	3.4	55	0.4	5.5	13	0.5	8.0
Salivary Gland	14	1.0	0.5	11	0.4	0.7	8	0.2	0.7	15	0.2	2	31	0.2	3.1	5	0.2	3.1
Floor of Mouth	0	0.0	0	1	0.0	0.1	6	0.1	0.5	11	0.2	1.4	20	0.1	2.0	1	0.0	0.6
Gum & Other Mouth	5	0.4	0.2	7	0.2	0.4	24	0.5	2	25	0.4	3.3	61	0.4	6.1	13	0.5	8.0
Nasopharynx	0	0.0	0	4	0.1	0.3	3	0.1	0.3	2	0.0	0.3	9	0.1	0.9	0	0.0	0.0
Tonsil	1	0.1	0	8	0.3	0.5	14	0.3	1.2	16	0.2	2.1	24	0.2	2.4	1	0.0	0.6
Oropharynx	0	0.0	0	1	0.0	0.1	1	0.0	0.1	2	0.0	0.3	4	0.0	0.4	0	0.0	0.0
Hypopharynx	0	0.0	0	2	0.1	0.1	4	0.1	0.3	8	0.1	1	17	0.1	1.7	1	0.0	0.6
Other Oral Cavity & Pharynx	0	0.0	0	0	0.0	0	2	0.0	0.2	7	0.1	0.9	11	0.1	1.1	2	0.1	1.2
Digestive System	92	6.6	3.1	278	8.9	17.8	674	12.6	56.7	1,005	15.6	131.9	3,519	22.4	349.5	908	31.9	557.4
Esophagus	2	0.1	0.1	2	0.1	0.1	11	0.2	0.9	20	0.3	2.6	87	0.6	8.6	18	0.6	11.0
Stomach	20	1.4	0.7	39	1.3	2.5	46	0.9	3.9	79	1.2	10.4	255	1.6	25.3	64	2.2	39.3
Small Intestine	1	0.1	0	7	0.2	0.4	14	0.3	1.2	22	0.3	2.9	60	0.4	6.0	9	0.3	5.5
Colon & Rectum	49	3.5	1.7	169	5.4	10.8	445	8.4	37.4	631	9.8	82.8	2,190	14.0	217.5	578	20.3	354.8
Colon excluding Rectum	35	2.5	1.2	111	3.6	7.1	263	4.9	22.1	432	6.7	56.7	1,686	10.7	167.5	468	16.4	287.3
Cecum	4	0.3	0.1	14	0.4	0.9	42	0.8	3.5	81	1.3	10.6	377	2.4	37.4	117	4.1	71.8
Appendix	6	0.4	0.2	6	0.2	0.4	9	0.2	0.8	6	0.1	0.8	6	0.0	0.6	0	0.0	0.0
Ascending Colon	3	0.2	0.1	16	0.5	1	42	0.8	3.5	61	0.9	8	322	2.1	32.0	92	3.2	56.5
Hepatic Flexure	0	0.0	0	3	0.1	0.2	13	0.2	1.1	17	0.3	2.2	62	0.4	6.2	13	0.5	8.0
Transverse Colon	3	0.2	0.1	11	0.4	0.7	19	0.4	1.6	43	0.7	5.6	145	0.9	14.4	35	1.2	21.5
Splenic Flexure	2	0.1	0.1	2	0.1	0.1	13	0.2	1.1	14	0.2	1.8	50	0.3	5.0	12	0.4	7.4
Descending Colon	4	0.3	0.1	13	0.4	0.8	18	0.3	1.5	26	0.4	3.4	93	0.6	9.2	21	0.7	12.9
Sigmoid Colon	8	0.6	0.3	36	1.2	2.3	88	1.7	7.4	140	2.2	18.4	430	2.7	42.7	66	2.3	40.5
Large Intestine, NOS	5	0.4	0.2	10	0.3	0.6	19	0.4	1.6	44	0.7	5.8	201	1.3	20.0	112	3.9	68.8
Rectum & Rectosigmoid Junction	14	1.0	0.5	58	1.9	3.7	182	3.4	15.3	199	3.1	26.1	504	3.2	50.1	110	3.9	67.5
Rectosigmoid Junction	4	0.3	0.1	25	0.8	1.6	75	1.4	6.3	78	1.2	10.2	173	1.1	17.2	43	1.5	26.4
Rectum	10	0.7	0.3	33	1.1	2.1	107	2.0	9	121	1.9	15.9	331	2.1	32.9	67	2.4	41.1
Anus, Anal Canal & Anorectum	3	0.2	0.1	13	0.4	0.8	27	0.5	2.3	18	0.3	2.4	50	0.3	5.0	7	0.2	4.3
Liver and Intrahepatic Bile Duct	6	0.4	0.2	8	0.3	0.5	25	0.5	2.1	47	0.7	6.2	202	1.3	20.1	41	1.4	25.2
Liver	6	0.4	0.2	8	0.3	0.5	19	0.4	1.6	40	0.6	5.2	169	1.1	16.8	27	0.9	16.6
Intrahepatic Bile Duct	0	0.0	0	0	0.0	0	6	0.1	0.5	7	0.1	0.9	33	0.2	3.3	14	0.5	8.6
Gallbladder	1	0.1	0	5	0.2	0.3	13	0.2	1.1	28	0.4	3.7	80	0.5	7.9	21	0.7	12.9
Other Biliary	1	0.1	0	1	0.0	0.1	7	0.1	0.6	9	0.1	1.2	48	0.3	4.8	22	0.8	13.5
Pancreas	7	0.5	0.2	26	0.8	1.7	66	1.2	5.6	134	2.1	17.6	500	3.2	49.7	141	5.0	86.6

Table 8 (continued). Number of Cases, Percent of Total, and Age-specific Rate per 100,000 by Primary Site. Females, Texas, 1998.

	Age Group																	
	15-34			35-44			45-54			55-64			65-84			85+		
	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate
Retroperitoneum	1	0.1	0	5	0.2	0.3	8	0.2	0.7	7	0.1	0.9	12	0.1	1.2	0	0.0	0.0
Peritoneum, Omentum & Mesentery	0	0.0	0	1	0.0	0.1	10	0.2	0.8	8	0.1	1	24	0.2	2.4	0	0.0	0.0
Other Digestive Organs	1	0.1	0	2	0.1	0.1	2	0.0	0.2	2	0.0	0.3	11	0.1	1.1	7	0.2	4.3
Respiratory System	37	2.7	1.3	135	4.3	8.6	479	9.0	40.3	1,036	16.0	135.9	2,927	18.6	290.7	347	12.2	213.0
Nose, Nasal Cavity & Middle Ear	9	0.6	0.3	2	0.1	0.1	7	0.1	0.6	7	0.1	0.9	21	0.1	2.1	8	0.3	4.9
Larynx	2	0.1	0.1	8	0.3	0.5	26	0.5	2.2	49	0.8	6.4	66	0.4	6.6	8	0.3	4.9
Lung & Bronchus	22	1.6	0.8	122	3.9	7.8	441	8.3	37.1	974	15.1	127.8	2,815	17.9	279.6	328	11.5	201.3
Pleura	1	0.1	0	1	0.0	0.1	4	0.1	0.3	6	0.1	0.8	18	0.1	1.8	1	0.0	0.6
Trachea, Mediastinum, Other Respiratory	3	0.2	0.1	2	0.1	0.1	1	0.0	0.1	0	0.0	0	7	0.0	0.7	2	0.1	1.2
Bones & Joints	19	1.4	0.6	15	0.5	1	9	0.2	0.8	6	0.1	0.8	21	0.1	2.1	4	0.1	2.5
Soft Tissue including Heart	33	2.4	1.1	27	0.9	1.7	25	0.5	2.1	25	0.4	3.3	78	0.5	7.7	19	0.7	11.7
Skin excluding Basal & Squamous	87	6.3	3	127	4.1	8.1	108	2.0	9.1	123	1.9	16.1	203	1.3	20.2	60	2.1	36.8
Melanomas of the Skin	85	6.1	2.9	118	3.8	7.5	102	1.9	8.6	114	1.8	15	171	1.1	17.0	42	1.5	25.8
Other Non-Epithelial Skin	2	0.1	0.1	9	0.3	0.6	6	0.1	0.5	9	0.1	1.2	32	0.2	3.2	18	0.6	11.0
Breast	258	18.6	8.8	1,354	43.4	86.5	2,404	45.1	202.2	2,293	35.5	300.9	4,115	26.2	408.7	575	20.2	353.0
Female Genital System	323	23.3	11	594	19.0	38	773	14.5	65	831	12.9	109	1,672	10.7	166.1	223	7.8	136.9
Cervix	180	13.0	6.1	297	9.5	19	238	4.5	20	138	2.1	18.1	206	1.3	20.5	21	0.7	12.9
Corpus & Uterus, NOS	36	2.6	1.2	126	4.0	8.1	278	5.2	23.4	415	6.4	54.5	857	5.5	85.1	85	3.0	52.2
Corpus	32	2.3	1.1	110	3.5	7	256	4.8	21.5	378	5.9	49.6	802	5.1	79.7	72	2.5	44.2
Uterus, NOS	4	0.3	0.1	16	0.5	1	22	0.4	1.9	37	0.6	4.9	55	0.4	5.5	13	0.5	8.0
Ovary	90	6.5	3.1	135	4.3	8.6	218	4.1	18.3	230	3.6	30.2	483	3.1	48.0	76	2.7	46.7
Vagina	1	0.1	0	4	0.1	0.3	6	0.1	0.5	18	0.3	2.4	32	0.2	3.2	11	0.4	6.8
Vulva	8	0.6	0.3	28	0.9	1.8	29	0.5	2.4	21	0.3	2.8	77	0.5	7.6	25	0.9	15.3
Other Female Genital Organs	8	0.6	0.3	4	0.1	0.3	4	0.1	0.3	9	0.1	1.2	17	0.1	1.7	5	0.2	3.1
Male Genital System	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0.0	0	0.0	0.0
Prostate	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0.0	0	0.0	0.0
Testis	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0.0	0	0.0	0.0
Penis	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0.0	0	0.0	0.0
Other Male Genital Organs	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0.0	0	0.0	0.0
Urinary System	16	1.2	0.5	78	2.5	5	178	3.3	15	289	4.5	37.9	837	5.3	83.1	173	6.1	106.2
Urinary Bladder	2	0.1	0.1	30	1.0	1.9	54	1.0	4.5	110	1.7	14.4	398	2.5	39.5	114	4.0	70.0
Kidney & Renal Pelvis	14	1.0	0.5	48	1.5	3.1	121	2.3	10.2	170	2.6	22.3	405	2.6	40.2	54	1.9	33.1
Ureter	0	0.0	0	0	0.0	0	0	0.0	0	2	0.0	0.3	23	0.1	2.3	5	0.2	3.1
Other Urinary Organs	0	0.0	0	0	0.0	0	3	0.1	0.3	7	0.1	0.9	11	0.1	1.1	0	0.0	0.0
Eye & Orbit	1	0.1	0	3	0.1	0.2	7	0.1	0.6	7	0.1	0.9	16	0.1	1.6	1	0.0	0.6
Brain & Other Nervous System	89	6.4	3	54	1.7	3.5	74	1.4	6.2	70	1.1	9.2	177	1.1	17.6	24	0.8	14.7
Brain	79	5.7	2.7	49	1.6	3.1	67	1.3	5.6	59	0.9	7.7	166	1.1	16.5	22	0.8	13.5

Table 8 (continued). Number of Cases, Percent of Total, and Age-specific Rate per 100,000 by Primary Site.
Females, Texas, 1998.

	15-34			35-44			Age Group 45-54			55-64			65-84			85+		
	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate
Cranial Nerves, Other Nervous System	10	0.7	0.3	5	0.2	0.3	7	0.1	0.6	11	0.2	1.4	11	0.1	1.1	2	0.1	1.2
Endocrine System	182	13.1	6.2	189	6.1	12.1	162	3.0	13.6	108	1.7	14.2	122	0.8	12.1	9	0.3	5.5
Thyroid	176	12.7	6	182	5.8	11.6	150	2.8	12.6	100	1.5	13.1	106	0.7	10.5	8	0.3	4.9
Other Endocrine including Thymus	6	0.4	0.2	7	0.2	0.4	12	0.2	1	8	0.1	1	16	0.1	1.6	1	0.0	0.6
Lymphomas	153	11.0	5.2	123	3.9	7.9	174	3.3	14.6	240	3.7	31.5	687	4.4	68.2	112	3.9	68.8
Hodgkin's Disease	86	6.2	2.9	36	1.2	2.3	23	0.4	1.9	14	0.2	1.8	36	0.2	3.6	4	0.1	2.5
Hodgkin's - Nodal	83	6.0	2.8	34	1.1	2.2	21	0.4	1.8	13	0.2	1.7	33	0.2	3.3	4	0.1	2.5
Hodgkin's - Extranodal	3	0.2	0.1	2	0.1	0.1	2	0.0	0.2	1	0.0	0.1	3	0.0	0.3	0	0.0	0.0
Non-Hodgkin's Lymphomas	67	4.8	2.3	87	2.8	5.6	151	2.8	12.7	226	3.5	29.7	651	4.1	64.7	108	3.8	66.3
Non-Hodgkin's - Nodal	52	3.7	1.8	66	2.1	4.2	113	2.1	9.5	156	2.4	20.5	466	3.0	46.3	82	2.9	50.3
Non-Hodgkin's - Extranodal	15	1.1	0.5	21	0.7	1.3	38	0.7	3.2	70	1.1	9.2	185	1.2	18.4	26	0.9	16.0
Multiple Myeloma	2	0.1	0.1	8	0.3	0.5	40	0.8	3.4	68	1.1	8.9	226	1.4	22.4	41	1.4	25.2
Leukemias	61	4.4	2.1	45	1.4	2.9	64	1.2	5.4	100	1.5	13.1	308	2.0	30.6	112	3.9	68.8
Lymphocytic Leukemia	24	1.7	0.8	11	0.4	0.7	17	0.3	1.4	40	0.6	5.2	114	0.7	11.3	46	1.6	28.2
Acute Lymphocytic Leukemia	23	1.7	0.8	5	0.2	0.3	6	0.1	0.5	6	0.1	0.8	8	0.1	0.8	3	0.1	1.8
Chronic Lymphocytic Leukemia	0	0.0	0	6	0.2	0.4	9	0.2	0.8	34	0.5	4.5	102	0.6	10.1	42	1.5	25.8
Other Lymphocytic Leukemia	1	0.1	0	0	0.0	0	2	0.0	0.2	0	0.0	0	4	0.0	0.4	1	0.0	0.6
Myeloid Leukemia	26	1.9	0.9	28	0.9	1.8	41	0.8	3.4	47	0.7	6.2	146	0.9	14.5	32	1.1	19.6
Acute Myeloid Leukemia	16	1.2	0.5	16	0.5	1	25	0.5	2.1	28	0.4	3.7	103	0.7	10.2	26	0.9	16.0
Chronic Myeloid Leukemia	8	0.6	0.3	10	0.3	0.6	14	0.3	1.2	15	0.2	2	38	0.2	3.8	5	0.2	3.1
Other Myeloid Leukemia	2	0.1	0.1	2	0.1	0.1	2	0.0	0.2	4	0.1	0.5	5	0.0	0.5	1	0.0	0.6
Monocytic Leukemia	1	0.1	0	1	0.0	0.1	0	0.0	0	1	0.0	0.1	6	0.0	0.6	1	0.0	0.6
Acute Monocytic Leukemia	1	0.1	0	1	0.0	0.1	0	0.0	0	1	0.0	0.1	1	0.0	0.1	1	0.0	0.6
Chronic Monocytic Leukemia	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	4	0.0	0.4	0	0.0	0.0
Other Monocytic Leukemia	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	1	0.0	0.1	0	0.0	0.0
Other Leukemia	10	0.7	0.3	5	0.2	0.3	6	0.1	0.5	12	0.2	1.6	42	0.3	4.2	33	1.2	20.3
Other Acute Leukemia	5	0.4	0.2	1	0.0	0.1	2	0.0	0.2	0	0.0	0	6	0.0	0.6	8	0.3	4.9
Other Chronic Leukemia	0	0.0	0	0	0.0	0	0	0.0	0	4	0.1	0.5	12	0.1	1.2	9	0.3	5.5
Aleukemic, Subleukemic & NOS	5	0.4	0.2	4	0.1	0.3	4	0.1	0.3	8	0.1	1	24	0.2	2.4	16	0.6	9.8
Ill-defined & Unspecified Sites	11	0.8	0.4	42	1.3	2.7	80	1.5	6.7	140	2.2	18.4	540	3.4	53.6	196	6.9	120.3

Percentages are percent of total site-specific cases.

Table 9. Number of Cases, Percent of Total, and Age-specific Rate per 100,000 by Primary Site. Males, Texas, 1998.

	15-34			35-44			Age Group 45-54			55-64			65-84			85+		
	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate
All Sites	1,065	100.0	34.3	1,711	100.0	109.0	4,166	100.0	361.2	8,279	100.0	1176.0	20,495	100.0	2730.4	2,011	100.0	3094.0
Oral Cavity & Pharynx	27	2.5	0.9	92	5.4	5.9	245	5.9	21.2	329	4.0	46.7	510	2.5	67.9	42	2.1	64.6
Lip	2	0.2	0.1	7	0.4	0.4	18	0.4	1.6	24	0.3	3.4	74	0.4	9.9	10	0.5	15.4
Tongue	7	0.7	0.2	25	1.5	1.6	66	1.6	5.7	87	1.1	12.4	107	0.5	14.3	5	0.2	7.7
Salivary Gland	3	0.3	0.1	9	0.5	0.6	15	0.4	1.3	24	0.3	3.4	65	0.3	8.7	9	0.4	13.8
Floor of Mouth	2	0.2	0.1	1	0.1	0.1	14	0.3	1.2	23	0.3	3.3	31	0.2	4.1	3	0.1	4.6
Gum & Other Mouth	3	0.3	0.1	10	0.6	0.6	36	0.9	3.1	41	0.5	5.8	65	0.3	8.7	6	0.3	9.2
Nasopharynx	8	0.8	0.3	13	0.8	0.8	13	0.3	1.1	17	0.2	2.4	20	0.1	2.7	3	0.1	4.6
Tonsil	2	0.2	0.1	18	1.1	1.1	51	1.2	4.4	45	0.5	6.4	41	0.2	5.5	3	0.1	4.6
Oropharynx	0	0.0	0.0	2	0.1	0.1	4	0.1	0.3	13	0.2	1.8	20	0.1	2.7	2	0.1	3.1
Hypopharynx	0	0.0	0.0	4	0.2	0.3	21	0.5	1.8	39	0.5	5.5	51	0.2	6.8	1	0.0	1.5
Other Oral Cavity & Pharynx	0	0.0	0.0	3	0.2	0.2	7	0.2	0.6	16	0.2	2.3	36	0.2	4.8	0	0.0	0.0
Digestive System	91	8.5	2.9	354	20.7	22.6	996	23.9	86.4	1,576	19.0	223.9	3,925	19.2	522.9	525	26.1	807.7
Esophagus	1	0.1	0.0	14	0.8	0.9	56	1.3	4.9	113	1.4	16.1	274	1.3	36.5	24	1.2	36.9
Stomach	16	1.5	0.5	43	2.5	2.7	87	2.1	7.5	161	1.9	22.9	377	1.8	50.2	68	3.4	104.6
Small Intestine	2	0.2	0.1	9	0.5	0.6	14	0.3	1.2	33	0.4	4.7	65	0.3	8.7	16	0.8	24.6
Colon & Rectum	54	5.1	1.7	177	10.3	11.3	543	13.0	47.1	879	10.6	124.9	2,332	11.4	310.7	310	15.4	477.0
Colon excluding Rectum	37	3.5	1.2	118	6.9	7.5	326	7.8	28.3	548	6.6	77.8	1,684	8.2	224.3	246	12.2	378.5
Cecum	5	0.5	0.2	23	1.3	1.5	45	1.1	3.9	92	1.1	13.1	329	1.6	43.8	47	2.3	72.3
Appendix	6	0.6	0.2	8	0.5	0.5	8	0.2	0.7	4	0.0	0.6	13	0.1	1.7	3	0.1	4.6
Ascending Colon	3	0.3	0.1	11	0.6	0.7	47	1.1	4.1	90	1.1	12.8	302	1.5	40.2	54	2.7	83.1
Hepatic Flexure	1	0.1	0.0	2	0.1	0.1	13	0.3	1.1	23	0.3	3.3	90	0.4	12.0	9	0.4	13.8
Transverse Colon	2	0.2	0.1	13	0.8	0.8	27	0.6	2.3	38	0.5	5.4	113	0.6	15.1	20	1.0	30.8
Splenic Flexure	0	0.0	0.0	5	0.3	0.3	11	0.3	1.0	13	0.2	1.8	40	0.2	5.3	4	0.2	6.2
Descending Colon	5	0.5	0.2	9	0.5	0.6	30	0.7	2.6	31	0.4	4.4	103	0.5	13.7	6	0.3	9.2
Sigmoid Colon	8	0.8	0.3	38	2.2	2.4	115	2.8	10.0	197	2.4	28.0	498	2.4	66.3	59	2.9	90.8
Large Intestine, NOS	7	0.7	0.2	9	0.5	0.6	30	0.7	2.6	60	0.7	8.5	196	1.0	26.1	44	2.2	67.7
Rectum & Rectosigmoid Junction	17	1.6	0.5	59	3.4	3.8	217	5.2	18.8	331	4.0	47.0	648	3.2	86.3	64	3.2	98.5
Rectosigmoid Junction	3	0.3	0.1	23	1.3	1.5	78	1.9	6.8	124	1.5	17.6	258	1.3	34.4	21	1.0	32.3
Rectum	14	1.3	0.5	36	2.1	2.3	139	3.3	12.1	207	2.5	29.4	390	1.9	52.0	43	2.1	66.2
Anus, Anal Canal & Anorectum	6	0.6	0.2	21	1.2	1.3	20	0.5	1.7	10	0.1	1.4	30	0.1	4.0	3	0.1	4.6
Liver & Intrahepatic Bile Duct	6	0.6	0.2	35	2.0	2.2	145	3.5	12.6	143	1.7	20.3	326	1.6	43.4	32	1.6	49.2
Liver	6	0.6	0.2	31	1.8	2.0	138	3.3	12.0	131	1.6	18.6	293	1.4	39.0	25	1.2	38.5
Intrahepatic Bile Duct	0	0.0	0.0	4	0.2	0.3	7	0.2	0.6	12	0.1	1.7	33	0.2	4.4	7	0.3	10.8
Gallbladder	0	0.0	0.0	4	0.2	0.3	6	0.1	0.5	7	0.1	1.0	26	0.1	3.5	3	0.1	4.6
Other Biliary	1	0.1	0.0	2	0.1	0.1	13	0.3	1.1	23	0.3	3.3	49	0.2	6.5	8	0.4	12.3
Pancreas	3	0.3	0.1	43	2.5	2.7	109	2.6	9.5	196	2.4	27.8	420	2.0	56.0	55	2.7	84.6

Table 9 (continued). Number of Cases, Percent of Total, and Age-specific Rate per 100,000 by Primary Site. Males, Texas, 1998.

	Age Group																	
	15-34			35-44			45-54			55-64			65-84			85+		
	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate
Retroperitoneum	1	0.1	0.0	3	0.2	0.2	3	0.1	0.3	4	0.0	0.6	10	0.0	1.3	1	0.0	1.5
Peritoneum, Omentum & Mesentery	1	0.1	0.0	2	0.1	0.1	0	0.0	0.0	1	0.0	0.1	9	0.0	1.2	1	0.0	1.5
Other Digestive Organs	0	0.0	0.0	1	0.1	0.1	0	0.0	0.0	6	0.1	0.9	7	0.0	0.9	4	0.2	6.2
Respiratory System	28	2.6	0.9	204	11.9	13.0	741	17.8	64.2	1,874	22.6	266.2	4,558	22.2	607.2	352	17.5	541.6
Nose, Nasal Cavity & Middle Ear	5	0.5	0.2	7	0.4	0.4	14	0.3	1.2	14	0.2	2.0	28	0.1	3.7	5	0.2	7.7
Larynx	3	0.3	0.1	22	1.3	1.4	102	2.4	8.8	217	2.6	30.8	284	1.4	37.8	17	0.8	26.2
Lung and Bronchus	16	1.5	0.5	172	10.1	11.0	620	14.9	53.8	1,621	19.6	230.3	4,188	20.4	557.9	324	16.1	498.5
Pleura	0	0.0	0.0	1	0.1	0.1	4	0.1	0.3	20	0.2	2.8	54	0.3	7.2	6	0.3	9.2
Trachea, Mediastinum & Other Respiratory	4	0.4	0.1	2	0.1	0.1	1	0.0	0.1	2	0.0	0.3	4	0.0	0.5	0	0.0	0.0
Bones & Joints	32	3.0	1.0	13	0.8	0.8	14	0.3	1.2	6	0.1	0.9	16	0.1	2.1	4	0.2	6.2
Soft Tissue including Heart	32	3.0	1.0	31	1.8	2.0	42	1.0	3.6	35	0.4	5.0	78	0.4	10.4	9	0.4	13.8
Skin excluding Basal & Squamous	85	8.0	2.7	151	8.8	9.6	185	4.4	16.0	191	2.3	27.1	466	2.3	62.1	51	2.5	78.5
Melanomas of the Skin	54	5.1	1.7	116	6.8	7.4	164	3.9	14.2	172	2.1	24.4	389	1.9	51.8	32	1.6	49.2
Other Non-Epithelial Skin	31	2.9	1.0	35	2.0	2.2	21	0.5	1.8	19	0.2	2.7	77	0.4	10.3	19	0.9	29.2
Breast	0	0.0	0.0	13	0.8	0.8	17	0.4	1.5	33	0.4	4.7	52	0.3	6.9	4	0.2	6.2
Female Genital System	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Cervix	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Corpus & Uterus, NOS	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Corpus	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	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	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	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	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	0.0	0	0.0	0.0	0	0.0	0.0
Other Female Genital Organs	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Male Genital System	272	25.5	8.8	218	12.7	13.9	832	20.0	72.1	2,536	30.6	360.2	6,718	32.8	895.0	488	24.3	750.8
Prostate	1	0.1	0.0	50	2.9	3.2	773	18.6	67.0	2,510	30.3	356.5	6,667	32.5	888.2	482	24.0	741.6
Testis	269	25.3	8.7	154	9.0	9.8	45	1.1	3.9	10	0.1	1.4	8	0.0	1.1	2	0.1	3.1
Penis	2	0.2	0.1	14	0.8	0.9	10	0.2	0.9	15	0.2	2.1	37	0.2	4.9	4	0.2	6.2
Other Male Genital Organs	0	0.0	0.0	0	0.0	0.0	4	0.1	0.3	1	0.0	0.1	6	0.0	0.8	0	0.0	0.0
Urinary System	27	2.5	0.9	147	8.6	9.4	417	10.0	36.2	772	9.3	109.7	1,948	9.5	259.5	225	11.2	346.2
Urinary Bladder	14	1.3	0.5	50	2.9	3.2	165	4.0	14.3	429	5.2	60.9	1,302	6.4	173.5	169	8.4	260.0
Kidney & Renal Pelvis	12	1.1	0.4	97	5.7	6.2	248	6.0	21.5	327	3.9	46.4	603	2.9	80.3	49	2.4	75.4
Ureter	1	0.1	0.0	0	0.0	0.0	3	0.1	0.3	14	0.2	2.0	34	0.2	4.5	4	0.2	6.2
Other Urinary Organs	0	0.0	0.0	0	0.0	0.0	1	0.0	0.1	2	0.0	0.3	9	0.0	1.2	3	0.1	4.6
Eye & Orbit	3	0.3	0.1	6	0.4	0.4	9	0.2	0.8	13	0.2	1.8	29	0.1	3.9	7	0.3	10.8
Brain & Other Nervous System	83	7.8	2.7	83	4.9	5.3	97	2.3	8.4	109	1.3	15.5	193	0.9	25.7	14	0.7	21.5

Table 9 (continued). Number of Cases, Percent of Total, and Age-specific Rate per 100,000 by Primary Site. Males, Texas, 1998.

	Age Group																	
	15-34			35-44			45-54			55-64			65-84			85+		
	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate	Count	(%)	Rate
Brain	79	7.4	2.5	76	4.4	4.8	86	2.1	7.5	101	1.2	14.3	185	0.9	24.6	11	0.5	16.9
Cranial Nerves, Other Nervous System	4	0.4	0.1	7	0.4	0.4	11	0.3	1.0	8	0.1	1.1	8	0.0	1.1	3	0.1	4.6
Endocrine System	42	3.9	1.4	69	4.0	4.4	78	1.9	6.8	50	0.6	7.1	81	0.4	10.8	5	0.2	7.7
Thyroid	35	3.3	1.1	60	3.5	3.8	69	1.7	6.0	43	0.5	6.1	70	0.3	9.3	5	0.2	7.7
Other Endocrine including Thymus	7	0.7	0.2	9	0.5	0.6	9	0.2	0.8	7	0.1	1.0	11	0.1	1.5	0	0.0	0.0
Lymphomas	226	21.2	7.3	204	11.9	13.0	224	5.4	19.4	298	3.6	42.3	678	3.3	90.3	87	4.3	133.9
Hodgkin's Disease	114	10.7	3.7	52	3.0	3.3	34	0.8	2.9	31	0.4	4.4	46	0.2	6.1	4	0.2	6.2
Hodgkin's - Nodal	108	10.1	3.5	50	2.9	3.2	34	0.8	2.9	31	0.4	4.4	42	0.2	5.6	4	0.2	6.2
Hodgkin's - Extranodal	6	0.6	0.2	2	0.1	0.1	0	0.0	0.0	0	0.0	0.0	4	0.0	0.5	0	0.0	0.0
Non-Hodgkin's Lymphomas	112	10.5	3.6	152	8.9	9.7	190	4.6	16.5	267	3.2	37.9	632	3.1	84.2	83	4.1	127.7
Non-Hodgkin's - Nodal	82	7.7	2.6	109	6.4	6.9	132	3.2	11.4	188	2.3	26.7	422	2.1	56.2	60	3.0	92.3
Non-Hodgkin's - Extranodal	30	2.8	1.0	43	2.5	2.7	58	1.4	5.0	79	1.0	11.2	210	1.0	28.0	23	1.1	35.4
Multiple Myeloma	5	0.5	0.2	16	0.9	1.0	51	1.2	4.4	97	1.2	13.8	245	1.2	32.6	28	1.4	43.1
Leukemias	95	8.9	3.1	73	4.3	4.7	96	2.3	8.3	160	1.9	22.7	435	2.1	58.0	64	3.2	98.5
Lymphocytic Leukemia	37	3.5	1.2	13	0.8	0.8	30	0.7	2.6	74	0.9	10.5	165	0.8	22.0	23	1.1	35.4
Acute Lymphocytic Leukemia	36	3.4	1.2	4	0.2	0.3	5	0.1	0.4	11	0.1	1.6	9	0.0	1.2	2	0.1	3.1
Chronic Lymphocytic Leukemia	0	0.0	0.0	8	0.5	0.5	24	0.6	2.1	60	0.7	8.5	146	0.7	19.5	19	0.9	29.2
Other Lymphocytic Leukemia	1	0.1	0.0	1	0.1	0.1	1	0.0	0.1	3	0.0	0.4	10	0.0	1.3	2	0.1	3.1
Myeloid Leukemia	52	4.9	1.7	47	2.7	3.0	49	1.2	4.2	68	0.8	9.7	192	0.9	25.6	24	1.2	36.9
Acute Myeloid Leukemia	30	2.8	1.0	29	1.7	1.8	30	0.7	2.6	33	0.4	4.7	121	0.6	16.1	19	0.9	29.2
Chronic Myeloid Leukemia	19	1.8	0.6	15	0.9	1.0	17	0.4	1.5	28	0.3	4.0	61	0.3	8.1	3	0.1	4.6
Other Myeloid Leukemia	3	0.3	0.1	3	0.2	0.2	2	0.0	0.2	7	0.1	1.0	10	0.0	1.3	2	0.1	3.1
Monocytic Leukemia	1	0.1	0.0	4	0.2	0.3	5	0.1	0.4	4	0.0	0.6	6	0.0	0.8	2	0.1	3.1
Acute Monocytic Leukemia	1	0.1	0.0	4	0.2	0.3	5	0.1	0.4	2	0.0	0.3	5	0.0	0.7	2	0.1	3.1
Chronic Monocytic Leukemia	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	2	0.0	0.3	0	0.0	0.0	0	0.0	0.0
Other Monocytic Leukemia	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	1	0.0	0.1	0	0.0	0.0
Other Leukemia	5	0.5	0.2	9	0.5	0.6	12	0.3	1.0	14	0.2	2.0	72	0.4	9.6	15	0.7	23.1
Other Acute Leukemia	1	0.1	0.0	0	0.0	0.0	3	0.1	0.3	4	0.0	0.6	24	0.1	3.2	3	0.1	4.6
Other Chronic Leukemia	0	0.0	0.0	0	0.0	0.0	1	0.0	0.1	2	0.0	0.3	15	0.1	2.0	3	0.1	4.6
Aleukemic, Subleukemic & NOS	4	0.4	0.1	9	0.5	0.6	8	0.2	0.7	8	0.1	1.1	33	0.2	4.4	9	0.4	13.8
Ill-defined & Unspecified Sites	17	1.6	0.5	37	2.2	2.4	122	2.9	10.6	200	2.4	28.4	563	2.7	75.0	106	5.3	163.1

Percentages are percent of total site-specific cases.

**Table 10. Distribution of Malignant Cancer Cases by Stage at Diagnosis.*
All Races, Texas, 1998.**

	Local		Regional		Distant		Unstaged		Total Count
	Count	%	Count	%	Count	%	Count	%	
All Sites	28,178	38.8	15,193	20.9	13,396	18.4	15,895	21.9	72,662
Oral Cavity & Pharynx	640	35.3	741	40.8	118	6.5	315	17.4	1,814
Lip	133	79.2	7	4.2	3	1.8	25	14.9	168
Tongue	159	37.7	173	41.0	31	7.3	59	14.0	422
Salivary Gland	84	39.4	79	37.1	9	4.2	41	19.2	213
Floor of Mouth	42	37.2	56	49.6	0	0.0	15	13.3	113
Gum & Other Mouth	105	35.2	111	37.2	20	6.7	62	20.8	298
Nasopharynx	21	22.3	38	40.4	18	19.1	17	18.1	94
Tonsil	51	22.8	137	61.2	11	4.9	25	11.2	224
Oropharynx	5	10.2	25	51.0	5	10.2	14	28.6	49
Hypopharynx	29	19.5	85	57.0	15	10.1	20	13.4	149
Other Oral Cavity & Pharynx	11	13.1	30	35.7	6	7.1	37	44.0	84
Digestive System	3,623	25.9	4,705	33.7	2,625	18.8	3,017	21.6	13,970
Esophagus	132	21.2	147	23.6	132	21.2	211	33.9	622
Stomach	229	18.2	415	33.0	316	25.2	296	23.6	1,256
Small Intestine	48	19.0	99	39.3	50	19.8	55	21.8	252
Colon & Rectum	2,609	31.2	3,183	38.1	1,297	15.5	1,271	15.2	8,360
Colon excluding Rectum	1,758	29.5	2,406	40.4	931	15.6	861	14.5	5,956
Cecum	362	30.8	507	43.1	194	16.5	114	9.7	1,177
Appendix	32	42.7	17	22.7	17	22.7	9	12.0	75
Ascending Colon	300	28.8	502	48.1	141	13.5	100	9.6	1,043
Hepatic Flexure	77	31.3	118	48.0	25	10.2	26	10.6	246
Transverse Colon	118	25.2	247	52.7	52	11.1	52	11.1	469
Splenic Flexure	47	28.3	78	47.0	24	14.5	17	10.2	166
Descending Colon	115	32.0	158	44.0	63	17.5	23	6.4	359
Sigmoid Colon	599	35.6	616	36.6	299	17.8	169	10.0	1,683
Large Intestine, NOS	108	14.6	163	22.1	116	15.7	351	47.6	738
Rectum & Rectosigmoid Junction	851	35.4	777	32.3	366	15.2	410	17.1	2,404
Rectosigmoid Junction	317	35.0	354	39.1	143	15.8	91	10.1	905
Rectum	534	35.6	423	28.2	223	14.9	319	21.3	1,499
Anus, Anal Canal & Anorectum	102	49.0	50	24.0	13	6.3	43	20.7	208
Liver & Intrahepatic Bile Duct	230	22.2	123	11.9	194	18.8	487	47.1	1,034
Liver	217	23.8	105	11.5	174	19.1	415	45.6	911
Intrahepatic Bile Duct	13	10.6	18	14.6	20	16.3	72	58.5	123
Gallbladder	52	26.8	67	34.5	47	24.2	28	14.4	194
Other Biliary	36	19.6	74	40.2	15	8.2	59	32.1	184
Pancreas	161	9.5	522	30.7	517	30.4	501	29.5	1,701
Retroperitoneum	15	25.4	14	23.7	13	22.0	17	28.8	59
Peritoneum, Omentum & Mesentery	7	12.3	6	10.5	20	35.1	24	42.1	57
Other Digestive Organs	2	4.7	5	11.6	11	25.6	25	58.1	43
Respiratory System	2,485	19.5	2,869	22.5	4,233	33.3	3,141	24.7	12,728
Nose, Nasal Cavity & Middle Ear	32	24.6	47	36.2	17	13.1	34	26.2	130
Larynx	390	48.5	219	27.2	45	5.6	150	18.7	804
Lung and Bronchus	2,043	17.5	2,577	22.1	4,134	35.5	2,890	24.8	11,644
Pleura	15	12.9	22	19.0	32	27.6	47	40.5	116
Trachea, Mediastinum & Other Respiratory	5	14.7	4	11.8	5	14.7	20	58.8	34
Bones & Joints	75	38.1	41	20.8	28	14.2	53	26.9	197
Soft Tissue including Heart	202	42.7	57	12.1	67	14.2	147	31.1	473
Skin excluding Basal & Squamous	1,188	64.4	155	8.4	108	5.9	393	21.3	1,844
Melanomas of the Skin	1,082	69.1	138	8.8	77	4.9	268	17.1	1,565
Other Non-Epithelial Skin	106	38.0	17	6.1	31	11.1	125	44.8	279
Breast	6,138	55.2	3,263	29.3	523	4.7	1,196	10.8	11,120
Female Genital System	2,165	48.9	813	18.4	762	17.2	687	15.5	4,427

Table 10 (continued). Distribution of Malignant Cancer Cases by Stage at Diagnosis.*
All Races, Texas, 1998.

	Local		Regional		Distant		Unstaged		Total Count
	Count	%	Count	%	Count	%	Count	%	
Cervix	544	50.4	268	24.8	78	7.2	190	17.6	1,080
Corpus & Uterus, NOS	1,171	65.2	266	14.8	142	7.9	218	12.1	1,797
Corpus	1,131	68.5	237	14.4	117	7.1	165	10.0	1,650
Uterus, NOS	40	27.2	29	19.7	25	17.0	53	36.1	147
Ovary	300	24.2	209	16.8	515	41.5	217	17.5	1,241
Vagina	33	44.6	16	21.6	7	9.5	18	24.3	74
Vulva	110	58.5	42	22.3	3	1.6	33	17.6	188
Other Female Genital Organs	7	14.9	12	25.5	17	36.2	11	23.4	47
Male Genital System	6,964	62.9	1,094	9.9	525	4.7	2,492	22.5	11,075
Prostate	6,582	62.8	1,015	9.7	459	4.4	2,427	23.2	10,483
Testis	327	65.7	61	12.2	64	12.9	46	9.2	498
Penis	49	59.8	17	20.7	2	2.4	14	17.1	82
Other Male Genital Organs	6	50.0	1	8.3	0	0.0	5	41.7	12
Urinary System	2,548	56.4	675	14.9	517	11.4	776	17.2	4,516
Urinary Bladder	1,414	64.2	267	12.1	93	4.2	428	19.4	2,202
Kidney & Renal Pelvis	1,066	48.7	380	17.3	419	19.1	326	14.9	2,191
Ureter	50	58.1	23	26.7	3	3.5	10	11.6	86
Other Urinary Organs	18	48.6	5	13.5	2	5.4	12	32.4	37
Eye & Orbit	88	70.4	11	8.8	6	4.8	20	16.0	125
Brain & Other Nervous System	649	52.8	115	9.4	15	1.2	450	36.6	1,229
Brain	602	53.6	106	9.4	13	1.2	402	35.8	1,123
Cranial Nerves Other Nervous System	47	44.3	9	8.5	2	1.9	48	45.3	106
Endocrine System	636	56.4	272	24.1	77	6.8	142	12.6	1,127
Thyroid	602	59.4	251	24.8	49	4.8	111	11.0	1,013
Other Endocrine including Thymus	34	29.8	21	18.4	28	24.6	31	27.2	114
Lymphomas	757	23.2	373	11.4	1,078	33.0	1,059	32.4	3,267
Hodgkin's Disease	111	22.0	97	19.2	127	25.1	170	33.7	505
Hodgkin's - Nodal	108	22.4	93	19.3	116	24.1	165	34.2	482
Hodgkin's - Extranodal	3	13.0	4	17.4	11	47.8	5	21.7	23
Non-Hodgkin's Lymphomas	646	23.4	276	10.0	951	34.4	889	32.2	2,762
Non-Hodgkin's - Nodal	363	18.6	179	9.2	726	37.2	684	35.0	1,952
Non-Hodgkin's - Extranodal	283	34.9	97	12.0	225	27.8	205	25.3	810
Multiple Myeloma	11	1.3	1	0.1	809	97.8	6	0.7	827
Leukemias	0	0.0	0	0.0	1,850	100.0	0	0.0	1,850
Lymphocytic Leukemia	0	0.0	0	0.0	781	100.0	0	0.0	781
Acute Lymphocytic Leukemia	0	0.0	0	0.0	300	100.0	0	0.0	300
Chronic Lymphocytic Leukemia	0	0.0	0	0.0	451	100.0	0	0.0	451
Other Lymphocytic Leukemia	0	0.0	0	0.0	30	100.0	0	0.0	30
Myeloid Leukemia	0	0.0	0	0.0	796	100.0	0	0.0	796
Acute Myeloid Leukemia	0	0.0	0	0.0	512	100.0	0	0.0	512
Chronic Myeloid Leukemia	0	0.0	0	0.0	236	100.0	0	0.0	236
Other Myeloid Leukemia	0	0.0	0	0.0	48	100.0	0	0.0	48
Monocytic Leukemia	0	0.0	0	0.0	35	100.0	0	0.0	35
Acute Monocytic Leukemia	0	0.0	0	0.0	27	100.0	0	0.0	27
Chronic Monocytic Leukemia	0	0.0	0	0.0	6	100.0	0	0.0	6
Other Monocytic Leukemia	0	0.0	0	0.0	2	100.0	0	0.0	2
Other Leukemia	0	0.0	0	0.0	238	100.0	0	0.0	238
Other Acute Leukemia	0	0.0	0	0.0	58	100.0	0	0.0	58
Other Chronic Leukemia	0	0.0	0	0.0	46	100.0	0	0.0	46
Aleukemic, Subleukemic & NOS	0	0.0	0	0.0	134	100.0	0	0.0	134
Il-defined & Unspecified Sites	9	0.4	8	0.4	55	2.7	2,001	96.5	2,073

*Total does not include in-situ bladder cases.

Percentages are percent of total site-specific cases.

Table 11. Distribution of Malignant Cancer Cases by Stage at Diagnosis.*
Non-Hispanic Whites, Texas, 1998.

	Local		Regional		Distant		Unstaged		Total Count
	Count	%	Count	%	Count	%	Count	%	
All Sites	21,661	40.3	10,990	20.5	9,381	17.5	11,686	21.8	53,718
Oral Cavity & Pharynx	530	37.9	552	39.4	75	5.4	243	17.4	1,400
Lip	117	79.6	5	3.4	1	0.7	24	16.3	147
Tongue	132	40.1	131	39.8	18	5.5	48	14.6	329
Salivary Gland	68	40.5	63	37.5	5	3.0	32	19.0	168
Floor of Mouth	39	40.6	43	44.8	0	0.0	14	14.6	96
Gum & Other Mouth	91	39.4	78	33.8	17	7.4	45	19.5	231
Nasopharynx	15	22.7	26	39.4	12	18.2	13	19.7	66
Tonsil	39	23.5	101	60.8	7	4.2	19	11.4	166
Oropharynx	4	11.4	20	57.1	3	8.6	8	22.9	35
Hypopharynx	17	16.7	62	60.8	8	7.8	15	14.7	102
Other Oral Cavity & Pharynx	8	13.3	23	38.3	4	6.7	25	41.7	60
Digestive System	2,649	27.4	3,284	33.9	1,694	17.5	2,057	21.2	9,684
Esophagus	96	21.1	102	22.4	101	22.2	156	34.3	455
Stomach	122	18.3	218	32.7	168	25.2	159	23.8	667
Small Intestine	35	20.2	70	40.5	33	19.1	35	20.2	173
Colon & Rectum	2,008	32.4	2,348	37.9	895	14.4	947	15.3	6,198
Colon excluding Rectum	1,360	30.7	1,787	40.3	641	14.5	645	14.5	4,433
Cecum	287	31.4	395	43.2	145	15.8	88	9.6	915
Appendix	24	43.6	13	23.6	11	20.0	7	12.7	55
Ascending Colon	237	30.2	378	48.1	93	11.8	78	9.9	786
Hepatic Flexure	58	32.2	86	47.8	18	10.0	18	10.0	180
Transverse Colon	97	27.3	185	52.1	36	10.1	37	10.4	355
Splenic Flexure	33	27.0	59	48.4	17	13.9	13	10.7	122
Descending Colon	77	32.0	104	43.2	43	17.8	17	7.1	241
Sigmoid Colon	461	37.2	455	36.7	204	16.5	120	9.7	1,240
Large Intestine, NOS	86	16.0	112	20.8	74	13.7	267	49.5	539
Rectum & Rectosigmoid Junction	648	36.7	561	31.8	254	14.4	302	17.1	1,765
Rectosigmoid Junction	247	36.1	266	38.8	103	15.0	69	10.1	685
Rectum	401	37.1	295	27.3	151	14.0	233	21.6	1,080
Anus, Anal Canal & Anorectum	84	52.2	33	20.5	10	6.2	34	21.1	161
Liver & Intrahepatic Bile Duct	126	22.9	64	11.6	92	16.7	269	48.8	551
Liver	116	24.9	55	11.8	82	17.6	213	45.7	466
Intrahepatic Bile Duct	10	11.8	9	10.6	10	11.8	56	65.9	85
Gallbladder	19	20.9	31	34.1	23	25.3	18	19.8	91
Other Biliary	26	23.0	39	34.5	10	8.8	38	33.6	113
Pancreas	116	9.9	358	30.6	335	28.6	361	30.9	1,170
Retroperitoneum	8	22.2	12	33.3	6	16.7	10	27.8	36
Peritoneum, Omentum & Mesentery	7	17.9	6	15.4	12	30.8	14	35.9	39
Other Digestive Organs	2	6.7	3	10.0	9	30.0	16	53.3	30
Respiratory System	2,028	20.2	2,264	22.5	3,271	32.6	2,485	24.7	10,048
Nose, Nasal Cavity & Middle Ear	27	28.4	31	32.6	8	8.4	29	30.5	95
Larynx	289	49.6	155	26.6	30	5.1	109	18.7	583
Lung & Bronchus	1,696	18.3	2,054	22.2	3,201	34.6	2,297	24.8	9,248
Pleura	13	12.7	20	19.6	30	29.4	39	38.2	102
Trachea, Mediastinum & Other Respiratory	3	15.0	4	20.0	2	10.0	11	55.0	20
Bones & Joints	52	40.0	24	18.5	19	14.6	35	26.9	130
Soft Tissue including Heart	140	44.4	35	11.1	39	12.4	101	32.1	315
Skin excluding Basal & Squamous	1,078	65.7	133	8.1	92	5.6	338	20.6	1,641
Melanomas of the Skin	1,001	69.5	118	8.2	74	5.1	247	17.2	1,440
Other Non-Epithelial Skin	77	38.3	15	7.5	18	9.0	91	45.3	201
Breast	4,829	57.6	2,334	27.9	342	4.1	872	10.4	8,377
Female Genital System	1,516	50.9	506	17.0	504	16.9	454	15.2	2,980

Table 11 (continued). Distribution of Malignant Cancer Cases by Stage at Diagnosis.*
Non-Hispanic Whites, Texas, 1998.

	Local		Regional		Distant		Unstaged		Total Count
	Count	%	Count	%	Count	%	Count	%	
Cervix	305	51.3	134	22.6	41	6.9	114	19.2	594
Corpus & Uterus, NOS	907	70.0	177	13.7	76	5.9	136	10.5	1,296
Corpus	881	72.3	162	13.3	68	5.6	108	8.9	1,219
Uterus, NOS	26	33.8	15	19.5	8	10.4	28	36.4	77
Ovary	198	22.3	151	17.0	373	42.0	166	18.7	888
Vagina	15	39.5	10	26.3	4	10.5	9	23.7	38
Vulva	86	61.9	27	19.4	2	1.4	24	17.3	139
Other Female Genital Organs	5	20.0	7	28.0	8	32.0	5	20.0	25
Male Genital System	5,273	64.3	791	9.6	319	3.9	1,819	22.2	8,202
Prostate	5,001	64.1	743	9.5	286	3.7	1,774	22.7	7,804
Testis	242	70.1	37	10.7	32	9.3	34	9.9	345
Penis	25	58.1	10	23.3	1	2.3	7	16.3	43
Other Male Genital Organs	5	50.0	1	10.0	0	0.0	4	40.0	10
Urinary System	1,985	57.8	520	15.1	339	9.9	590	17.2	3,434
Urinary Bladder	1,189	65.3	219	12.0	70	3.8	342	18.8	1,820
Kidney & Renal Pelvis	741	48.9	275	18.2	266	17.6	232	15.3	1,514
Ureter	40	55.6	22	30.6	1	1.4	9	12.5	72
Other Urinary Organs	15	53.6	4	14.3	2	7.1	7	25.0	28
Eye & Orbit	66	71.0	11	11.8	6	6.5	10	10.8	93
Brain & Other Nervous System	485	52.4	86	9.3	11	1.2	344	37.1	926
Brain	455	53.0	79	9.2	9	1.0	315	36.7	858
Cranial Nerves Other Nervous System	30	44.1	7	10.3	2	2.9	29	42.6	68
Endocrine System	456	59.7	167	21.9	44	5.8	97	12.7	764
Thyroid	430	62.9	153	22.4	29	4.2	72	10.5	684
Other Endocrine including Thymus	26	32.5	14	17.5	15	18.8	25	31.3	80
Lymphomas	564	23.7	275	11.6	761	32.0	776	32.7	2,376
Hodgkin's Disease	76	23.2	72	22.0	74	22.6	105	32.1	327
Hodgkin's - Nodal	75	24.0	69	22.1	67	21.5	101	32.4	312
Hodgkin's - Extranodal	1	6.7	3	20.0	7	46.7	4	26.7	15
Non-Hodgkin's Lymphomas	488	23.8	203	9.9	687	33.5	671	32.7	2,049
Non-Hodgkin's - Nodal	279	19.0	131	8.9	529	36.1	528	36.0	1,467
Non-Hodgkin's - Extranodal	209	35.9	72	12.4	158	27.1	143	24.6	582
Multiple Myeloma	5	0.9	1	0.2	544	98.2	4	0.7	554
Leukemias	0	0.0	0	0.0	1,280	100.0	0	0.0	1,280
Lymphocytic Leukemia	0	0.0	0	0.0	520	100.0	0	0.0	520
Acute Lymphocytic Leukemia	0	0.0	0	0.0	137	100.0	0	0.0	137
Chronic Lymphocytic Leukemia	0	0.0	0	0.0	358	100.0	0	0.0	358
Other Lymphocytic Leukemia	0	0.0	0	0.0	25	100.0	0	0.0	25
Myeloid Leukemia	0	0.0	0	0.0	556	100.0	0	0.0	556
Acute Myeloid Leukemia	0	0.0	0	0.0	357	100.0	0	0.0	357
Chronic Myeloid Leukemia	0	0.0	0	0.0	165	100.0	0	0.0	165
Other Myeloid Leukemia	0	0.0	0	0.0	34	100.0	0	0.0	34
Monocytic Leukemia	0	0.0	0	0.0	21	100.0	0	0.0	21
Acute Monocytic Leukemia	0	0.0	0	0.0	16	100.0	0	0.0	16
Chronic Monocytic Leukemia	0	0.0	0	0.0	3	100.0	0	0.0	3
Other Monocytic Leukemia	0	0.0	0	0.0	2	100.0	0	0.0	2
Other Leukemia	0	0.0	0	0.0	183	100.0	0	0.0	183
Other Acute Leukemia	0	0.0	0	0.0	45	100.0	0	0.0	45
Other Chronic Leukemia	0	0.0	0	0.0	38	100.0	0	0.0	38
Aleukemic, Subleukemic and NOS	0	0.0	0	0.0	100	100.0	0	0.0	100
Ill-defined & Unspecified Sites	5	0.3	7	0.5	41	2.7	1,461	96.5	1,514

*Total does not include in-situ bladder cases.
 Percentages are percent of total site-specific cases.

Table 12. Distribution of Malignant Cancer Cases by Stage at Diagnosis.*
Hispanics, Texas, 1998.

	Local		Regional		Distant		Unstaged		Total Count
	Count	%	Count	%	Count	%	Count	%	
All Sites	3,619	35.9	2,200	21.8	2,099	20.8	2,165	21.5	10,083
Oral Cavity & Pharynx	49	27.7	86	48.6	17	9.6	25	14.1	177
Lip	12	70.6	2	11.8	2	11.8	1	5.9	17
Tongue	15	34.1	20	45.5	4	9.1	5	11.4	44
Salivary Gland	5	31.3	5	31.3	1	6.3	5	31.3	16
Floor of Mouth	2	28.6	5	71.4	0	0.0	0	0.0	7
Gum & Other Mouth	6	22.2	15	55.6	2	7.4	4	14.8	27
Nasopharynx	0	0.0	3	60.0	1	20.0	1	20.0	5
Tonsil	4	13.3	23	76.7	0	0.0	3	10.0	30
Oropharynx	0	0.0	2	40.0	1	20.0	2	40.0	5
Hypopharynx	4	19.0	10	47.6	6	28.6	1	4.8	21
Other Oral Cavity & Pharynx	1	20.0	1	20.0	0	0.0	3	60.0	5
Digestive System	566	24.2	764	32.6	486	20.8	525	22.4	2,341
Esophagus	17	23.0	17	23.0	12	16.2	28	37.8	74
Stomach	66	17.6	123	32.9	102	27.3	83	22.2	374
Small Intestine	5	13.2	16	42.1	6	15.8	11	28.9	38
Colon & Rectum	328	30.5	417	38.8	187	17.4	144	13.4	1,076
Colon excluding Rectum	212	29.2	294	40.6	128	17.7	91	12.6	725
Cecum	42	36.2	46	39.7	20	17.2	8	6.9	116
Appendix	4	44.4	3	33.3	2	22.2	0	0.0	9
Ascending Colon	30	25.9	62	53.4	18	15.5	6	5.2	116
Hepatic Flexure	13	38.2	12	35.3	4	11.8	5	14.7	34
Transverse Colon	13	23.2	28	50.0	7	12.5	8	14.3	56
Splenic Flexure	7	33.3	9	42.9	2	9.5	3	14.3	21
Descending Colon	14	29.8	25	53.2	4	8.5	4	8.5	47
Sigmoid Colon	81	33.1	88	35.9	49	20.0	27	11.0	245
Large Intestine, NOS	8	9.9	21	25.9	22	27.2	30	37.0	81
Rectum & Rectosigmoid Junction	116	33.0	123	35.0	59	16.8	53	15.1	351
Rectosigmoid Junction	41	30.8	54	40.6	26	19.5	12	9.0	133
Rectum	75	34.4	69	31.7	33	15.1	41	18.8	218
Anus, Anal Canal & Anorectum	7	35.0	7	35.0	2	10.0	4	20.0	20
Liver & Intrahepatic Bile Duct	73	22.4	39	12.0	60	18.4	154	47.2	326
Liver	70	23.2	33	10.9	56	18.5	143	47.4	302
Intrahepatic Bile Duct	3	12.5	6	25.0	4	16.7	11	45.8	24
Gallbladder	25	34.2	23	31.5	17	23.3	8	11.0	73
Other Biliary	8	17.0	22	46.8	3	6.4	14	29.8	47
Pancreas	31	10.9	96	33.8	88	31.0	69	24.3	284
Retroperitoneum	6	33.3	2	11.1	6	33.3	4	22.2	18
Peritoneum, Omentum & Mesentery	0	0.0	0	0.0	3	60.0	2	40.0	5
Other Digestive Organs	0	0.0	2	33.3	0	0.0	4	66.7	6
Respiratory System	193	17.9	225	20.9	399	37.0	260	24.1	1,077
Nose, Nasal Cavity & Middle Ear	4	21.1	7	36.8	6	31.6	2	10.5	19
Larynx	45	45.0	29	29.0	7	7.0	19	19.0	100
Lung & Bronchus	141	15.0	188	19.9	382	40.5	232	24.6	943
Pleura	1	12.5	1	12.5	2	25.0	4	50.0	8
Trachea, Mediastinum & Other Respiratory	2	28.6	0	0.0	2	28.6	3	42.9	7
Bones & Joints	13	28.3	14	30.4	8	17.4	11	23.9	46
Soft Tissue including Heart	40	42.1	12	12.6	16	16.8	27	28.4	95
Skin excluding Basal & Squamous	66	53.2	16	12.9	10	8.1	32	25.8	124
Melanomas of the Skin	53	66.3	15	18.8	3	3.8	9	11.3	80
Other Non-Epithelial Skin	13	29.5	1	2.3	7	15.9	23	52.3	44
Breast	728	48.9	508	34.1	85	5.7	168	11.3	1,489
Female Genital System	426	48.1	175	19.8	151	17.1	133	15.0	885

Table 12 (continued). Distribution of Malignant Cancer Cases by Stage at Diagnosis.*
Hispanics, Texas, 1998.

	Local		Regional		Distant		Unstaged		Total Count
	Count	%	Count	%	Count	%	Count	%	
Cervix	156	50.0	84	26.9	23	7.4	49	15.7	312
Corpus & Uterus, NOS	171	58.8	44	15.1	36	12.4	40	13.7	291
Corpus	163	63.7	39	15.2	27	10.5	27	10.5	256
Uterus, NOS	8	22.9	5	14.3	9	25.7	13	37.1	35
Ovary	73	33.3	32	14.6	82	37.4	32	14.6	219
Vagina	11	50.0	2	9.1	3	13.6	6	27.3	22
Vulva	13	44.8	10	34.5	1	3.4	5	17.2	29
Other Female Genital Organs	2	16.7	3	25.0	6	50.0	1	8.3	12
Male Genital System	819	59.6	152	11.1	112	8.2	291	21.2	1,374
Prostate	725	59.9	125	10.3	82	6.8	278	23.0	1,210
Testis	74	55.6	21	15.8	29	21.8	9	6.8	133
Penis	19	63.3	6	20.0	1	3.3	4	13.3	30
Other Male Genital Organs	1	100.0	0	0.0	0	0.0	0	0.0	1
Urinary System	347	52.5	103	15.6	111	16.8	100	15.1	661
Urinary Bladder	141	61.6	27	11.8	14	6.1	47	20.5	229
Kidney & Renal Pelvis	196	47.1	74	17.8	96	23.1	50	12.0	416
Ureter	8	72.7	1	9.1	1	9.1	1	9.1	11
Other Urinary Organs	2	40.0	1	20.0	0	0.0	2	40.0	5
Eye & Orbit	16	76.2	0	0.0	0	0.0	5	23.8	21
Brain & Other Nervous System	110	55.6	19	9.6	4	2.0	65	32.8	198
Brain	99	57.9	18	10.5	4	2.3	50	29.2	171
Cranial Nerves Other Nervous System	11	40.7	1	3.7	0	0.0	15	55.6	27
Endocrine System	114	48.3	74	31.4	22	9.3	26	11.0	236
Thyroid	109	50.7	70	32.6	15	7.0	21	9.8	215
Other Endocrine including Thymus	5	23.8	4	19.0	7	33.3	5	23.8	21
Lymphomas	125	22.4	52	9.3	190	34.1	191	34.2	558
Hodgkin's Disease	20	18.2	13	11.8	36	32.7	41	37.3	110
Hodgkin's - Nodal	19	18.1	12	11.4	33	31.4	41	39.0	105
Hodgkin's - Extranodal	1	20.0	1	20.0	3	60.0	0	0.0	5
Non-Hodgkin's Lymphomas	105	23.4	39	8.7	154	34.4	150	33.5	448
Non-Hodgkin's - Nodal	55	19.0	26	9.0	113	39.0	96	33.1	290
Non-Hodgkin's - Extranodal	50	31.6	13	8.2	41	25.9	54	34.2	158
Multiple Myeloma	5	4.2	0	0.0	114	95.0	1	0.8	120
Leukemias	0	0.0	0	0.0	363	100.0	0	0.0	363
Lymphocytic Leukemia	0	0.0	0	0.0	180	100.0	0	0.0	180
Acute Lymphocytic Leukemia	0	0.0	0	0.0	135	100.0	0	0.0	135
Chronic Lymphocytic Leukemia	0	0.0	0	0.0	42	100.0	0	0.0	42
Other Lymphocytic Leukemia	0	0.0	0	0.0	3	100.0	0	0.0	3
Myeloid Leukemia	0	0.0	0	0.0	143	100.0	0	0.0	143
Acute Myeloid Leukemia	0	0.0	0	0.0	91	100.0	0	0.0	91
Chronic Myeloid Leukemia	0	0.0	0	0.0	44	100.0	0	0.0	44
Other Myeloid Leukemia	0	0.0	0	0.0	8	100.0	0	0.0	8
Monocytic Leukemia	0	0.0	0	0.0	10	100.0	0	0.0	10
Acute Monocytic Leukemia	0	0.0	0	0.0	9	100.0	0	0.0	9
Chronic Monocytic Leukemia	0	0.0	0	0.0	1	100.0	0	0.0	1
Other Monocytic Leukemia	0	0.0	0	0.0	0	0.0	0	0.0	0
Other Leukemia	0	0.0	0	0.0	30	100.0	0	0.0	30
Other Acute Leukemia	0	0.0	0	0.0	7	100.0	0	0.0	7
Other Chronic Leukemia	0	0.0	0	0.0	3	100.0	0	0.0	3
Aleukemic, Subleukemic and NOS	0	0.0	0	0.0	20	100.0	0	0.0	20
Ill-defined & Unspecified Sites	2	0.6	0	0.0	11	3.5	305	95.9	318

*Total does not include in-situ bladder cases.
 Percentages are percent of total site-specific cases.

**Table 13. Distribution of Malignant Cancer Cases by Stage at Diagnosis.*
African Americans, Texas, 1998.**

	Local		Regional		Distant		Unstaged		Total Count
	Count	%	Count	%	Count	%	Count	%	
All Sites	2,406	31.6	1,734	22.8	1,703	22.4	1,770	23.2	7,613
Oral Cavity & Pharynx	47	22.8	93	45.1	24	11.7	42	20.4	206
Lip	2	100.0	0	0.0	0	0.0	0	0.0	2
Tongue	10	23.3	19	44.2	9	20.9	5	11.6	43
Salivary Gland	7	30.4	9	39.1	3	13.0	4	17.4	23
Floor of Mouth	1	10.0	8	80.0	0	0.0	1	10.0	10
Gum & Other Mouth	6	16.7	17	47.2	1	2.8	12	33.3	36
Nasopharynx	2	13.3	7	46.7	4	26.7	2	13.3	15
Tonsil	8	33.3	11	45.8	3	12.5	2	8.3	24
Oropharynx	1	11.1	3	33.3	1	11.1	4	44.4	9
Hypopharynx	8	30.8	13	50.0	1	3.8	4	15.4	26
Other Oral Cavity & Pharynx	2	11.1	6	33.3	2	11.1	8	44.4	18
Digestive System	351	20.9	559	33.3	398	23.7	371	22.1	1,679
Esophagus	18	20.5	28	31.8	18	20.5	24	27.3	88
Stomach	36	18.8	65	33.9	39	20.3	52	27.1	192
Small Intestine	7	18.4	11	28.9	11	28.9	9	23.7	38
Colon & Rectum	240	25.1	360	37.7	205	21.5	150	15.7	955
Colon excluding Rectum	165	23.3	282	39.8	156	22.0	106	15.0	709
Cecum	30	22.6	61	45.9	28	21.1	14	10.5	133
Appendix	3	33.3	1	11.1	4	44.4	1	11.1	9
Ascending Colon	30	24.0	55	44.0	28	22.4	12	9.6	125
Hepatic Flexure	5	16.7	19	63.3	3	10.0	3	10.0	30
Transverse Colon	8	14.8	30	55.6	9	16.7	7	13.0	54
Splenic Flexure	6	28.6	9	42.9	5	23.8	1	4.8	21
Descending Colon	17	28.8	24	40.7	16	27.1	2	3.4	59
Sigmoid Colon	54	30.9	60	34.3	44	25.1	17	9.7	175
Large Intestine, NOS	12	11.7	23	22.3	19	18.4	49	47.6	103
Rectum & Rectosigmoid Junction	75	30.5	78	31.7	49	19.9	44	17.9	246
Rectosigmoid Junction	24	31.2	32	41.6	12	15.6	9	11.7	77
Rectum	51	30.2	46	27.2	37	21.9	35	20.7	169
Anus, Anal Canal & Anorectum	11	40.7	10	37.0	1	3.7	5	18.5	27
Liver & Intrahepatic Bile Duct	19	19.0	13	13.0	24	24.0	44	44.0	100
Liver	19	20.9	12	13.2	20	22.0	40	44.0	91
Intrahepatic Bile Duct	0	0.0	1	11.1	4	44.4	4	44.4	9
Gallbladder	6	31.6	8	42.1	4	21.1	1	5.3	19
Other Biliary	1	6.3	8	50.0	1	6.3	6	37.5	16
Pancreas	13	5.8	56	25.1	87	39.0	67	30.0	223
Retroperitoneum	0	0.0	0	0.0	1	25.0	3	75.0	4
Peritoneum, Omentum & Mesentery	0	0.0	0	0.0	5	41.7	7	58.3	12
Other Digestive Organs	0	0.0	0	0.0	2	40.0	3	60.0	5
Respiratory System	240	16.2	353	23.9	523	35.4	362	24.5	1,478
Nose, Nasal Cavity & Middle Ear	0	0.0	6	54.5	3	27.3	2	18.2	11
Larynx	52	45.2	35	30.4	8	7.0	20	17.4	115
Lung & Bronchus	187	13.9	311	23.2	511	38.1	333	24.8	1,342
Pleura	1	25.0	1	25.0	0	0.0	2	50.0	4
Trachea, Mediastinum & Other Respiratory	0	0.0	0	0.0	1	16.7	5	83.3	6
Bones & Joints	8	44.4	3	16.7	1	5.6	6	33.3	18
Soft Tissue including Heart	17	34.7	7	14.3	8	16.3	17	34.7	49
Skin excluding Basal & Squamous	20	48.8	3	7.3	6	14.6	12	29.3	41
Melanomas of the Skin	6	42.9	2	14.3	0	0.0	6	42.9	14
Other Non-Epithelial Skin	14	51.9	1	3.7	6	22.2	6	22.2	27
Breast	461	44.4	362	34.9	87	8.4	128	12.3	1,038
Female Genital System	174	38.4	109	24.1	84	18.5	86	19.0	453

Table 13 (continued). Distribution of Malignant Cancer Cases by Stage at Diagnosis.*
African Americans, Texas, 1998.

	Local		Regional		Distant		Unstaged		Total Count
	Count	%	Count	%	Count	%	Count	%	
Cervix	69	45.4	46	30.3	13	8.6	24	15.8	152
Corpus & Uterus, NOS	71	42.3	37	22.0	25	14.9	35	20.8	168
Corpus	66	47.8	30	21.7	19	13.8	23	16.7	138
Uterus, NOS	5	16.7	7	23.3	6	20.0	12	40.0	30
Ovary	19	19.8	19	19.8	43	44.8	15	15.6	96
Vagina	7	53.8	3	23.1	0	0.0	3	23.1	13
Vulva	8	53.3	3	20.0	0	0.0	4	26.7	15
Other Female Genital Organs	0	0.0	1	11.1	3	33.3	5	55.6	9
Male Genital System	759	57.6	129	9.8	87	6.6	342	26.0	1,317
Prostate	746	57.7	126	9.7	84	6.5	337	26.1	1,293
Testis	9	56.3	2	12.5	3	18.8	2	12.5	16
Penis	4	50.0	1	12.5	0	0.0	3	37.5	8
Other Male Genital Organs	0	0.0	0	0.0	0	0.0	0	0.0	0
Urinary System	182	49.7	49	13.4	62	16.9	73	19.9	366
Urinary Bladder	61	50.0	19	15.6	8	6.6	34	27.9	122
Kidney & Renal Pelvis	119	50.0	30	12.6	53	22.3	36	15.1	238
Ureter	1	50.0	0	0.0	1	50.0	0	0.0	2
Other Urinary Organs	1	25.0	0	0.0	0	0.0	3	75.0	4
Eye & Orbit	2	40.0	0	0.0	0	0.0	3	60.0	5
Brain & Other Nervous System	44	53.0	9	10.8	0	0.0	30	36.1	83
Brain	40	53.3	9	12.0	0	0.0	26	34.7	75
Cranial Nerves Other Nervous System	4	50.0	0	0.0	0	0.0	4	50.0	8
Endocrine System	44	53.7	17	20.7	7	8.5	14	17.1	82
Thyroid	41	56.9	14	19.4	4	5.6	13	18.1	72
Other Endocrine including Thymus	3	30.0	3	30.0	3	30.0	1	10.0	10
Lymphomas	54	19.3	40	14.3	110	39.3	76	27.1	280
Hodgkin's Disease	11	19.0	10	17.2	16	27.6	21	36.2	58
Hodgkin's - Nodal	10	18.2	10	18.2	15	27.3	20	36.4	55
Hodgkin's - Extranodal	1	33.3	0	0.0	1	33.3	1	33.3	3
Non-Hodgkin's Lymphomas	43	19.4	30	13.5	94	42.3	55	24.8	222
Non-Hodgkin's - Nodal	22	13.7	20	12.4	71	44.1	48	29.8	161
Non-Hodgkin's - Extranodal	21	34.4	10	16.4	23	37.7	7	11.5	61
Multiple Myeloma	1	0.7	0	0.0	141	98.6	1	0.7	143
Leukemias	0	0.0	0	0.0	163	100.0	0	0.0	163
Lymphocytic Leukemia	0	0.0	0	0.0	57	100.0	0	0.0	57
Acute Lymphocytic Leukemia	0	0.0	0	0.0	19	100.0	0	0.0	19
Chronic Lymphocytic Leukemia	0	0.0	0	0.0	37	100.0	0	0.0	37
Other Lymphocytic Leukemia	0	0.0	0	0.0	1	100.0	0	0.0	1
Myeloid Leukemia	0	0.0	0	0.0	79	100.0	0	0.0	79
Acute Myeloid Leukemia	0	0.0	0	0.0	53	100.0	0	0.0	53
Chronic Myeloid Leukemia	0	0.0	0	0.0	20	100.0	0	0.0	20
Other Myeloid Leukemia	0	0.0	0	0.0	6	100.0	0	0.0	6
Monocytic Leukemia	0	0.0	0	0.0	3	100.0	0	0.0	3
Acute Monocytic Leukemia	0	0.0	0	0.0	1	100.0	0	0.0	1
Chronic Monocytic Leukemia	0	0.0	0	0.0	2	100.0	0	0.0	2
Other Monocytic Leukemia	0	0.0	0	0.0	0	0.0	0	0.0	0
Other Leukemia	0	0.0	0	0.0	24	100.0	0	0.0	24
Other Acute Leukemia	0	0.0	0	0.0	6	100.0	0	0.0	6
Other Chronic Leukemia	0	0.0	0	0.0	5	100.0	0	0.0	5
Aleukemic, Subleukemic and NOS	0	0.0	0	0.0	13	100.0	0	0.0	13
Ill-defined & Unspecified Sites	2	0.9	1	0.5	2	0.9	207	97.6	212

*Total does not include in-situ bladder cases.
 Percentages are percent of total site-specific cases.

Table 14. Distribution of Malignant Cancer Cases by Stage at Diagnosis.*
Other Races, Texas, 1998.

	Local		Regional		Distant		Unstaged		Total Count
	Count	%	Count	%	Count	%	Count	%	
All Sites	368	36.7	237	23.6	182	18.1	216	21.5	1,003
Oral Cavity & Pharynx	12	41.4	10	34.5	2	6.9	5	17.2	29
Lip	1	100.0	0	0.0	0	0.0	0	0.0	1
Tongue	1	20.0	3	60.0	0	0.0	1	20.0	5
Salivary Gland	4	66.7	2	33.3	0	0.0	0	0.0	6
Floor of Mouth	0	0.0	0	0.0	0	0.0	0	0.0	0
Gum & Other Mouth	2	50.0	1	25.0	0	0.0	1	25.0	4
Nasopharynx	4	50.0	2	25.0	1	12.5	1	12.5	8
Tonsil	0	0.0	2	50.0	1	25.0	1	25.0	4
Oropharynx	0	0.0	0	0.0	0	0.0	0	0.0	0
Hypopharynx	0	0.0	0	0.0	0	0.0	0	0.0	0
Other Oral Cavity & Pharynx	0	0.0	0	0.0	0	0.0	1	100.0	1
Digestive System	47	19.7	88	37.0	46	19.3	57	23.9	238
Esophagus	1	20.0	0	0.0	1	20.0	3	60.0	5
Stomach	5	21.7	9	39.1	7	30.4	2	8.7	23
Small Intestine	0	0.0	2	100.0	0	0.0	0	0.0	2
Colon & Rectum	26	23.4	49	44.1	10	9.0	26	23.4	111
Colon excluding Rectum	15	20.3	36	48.6	6	8.1	17	23.0	74
Cecum	2	22.2	3	33.3	1	11.1	3	33.3	9
Appendix	1	50.0	0	0.0	0	0.0	1	50.0	2
Ascending Colon	1	7.7	6	46.2	2	15.4	4	30.8	13
Hepatic Flexure	0	0.0	1	100.0	0	0.0	0	0.0	1
Transverse Colon	0	0.0	2	100.0	0	0.0	0	0.0	2
Splenic Flexure	1	50.0	1	50.0	0	0.0	0	0.0	2
Descending Colon	6	60.0	4	40.0	0	0.0	0	0.0	10
Sigmoid Colon	3	13.6	12	54.5	2	9.1	5	22.7	22
Large Intestine, NOS	1	7.7	7	53.8	1	7.7	4	30.8	13
Rectum & Rectosigmoid Junction	11	29.7	13	35.1	4	10.8	9	24.3	37
Rectosigmoid Junction	4	50.0	2	25.0	2	25.0	0	0.0	8
Rectum	7	24.1	11	37.9	2	6.9	9	31.0	29
Anus, Anal Canal & Anorectum	0	0.0	0	0.0	0	0.0	0	0.0	0
Liver & Intrahepatic Bile Duct	12	21.8	7	12.7	18	32.7	18	32.7	55
Liver	12	24.0	5	10.0	16	32.0	17	34.0	50
Intrahepatic Bile Duct	0	0.0	2	40.0	2	40.0	1	20.0	5
Gallbladder	1	10.0	5	50.0	3	30.0	1	10.0	10
Other Biliary	1	12.5	5	62.5	1	12.5	1	12.5	8
Pancreas	1	4.5	11	50.0	6	27.3	4	18.2	22
Retroperitoneum	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
Other Digestive Organs	0	0.0	0	0.0	0	0.0	2	100.0	2
Respiratory System	22	19.6	24	21.4	38	33.9	28	25.0	112
Nose, Nasal Cavity & Middle Ear	1	33.3	2	66.7	0	0.0	0	0.0	3
Larynx	4	80.0	0	0.0	0	0.0	1	20.0	5
Lung & Bronchus	17	16.8	22	21.8	38	37.6	24	23.8	101
Pleura	0	0.0	0	0.0	0	0.0	2	100.0	2
Trachea, Mediastinum & Other Respiratory	0	0.0	0	0.0	0	0.0	1	100.0	1
Bones & Joints	2	66.7	0	0.0	0	0.0	1	33.3	3
Soft Tissue including Heart	4	33.3	3	25.0	4	33.3	1	8.3	12
Skin excluding Basal & Squamous	14	77.8	2	11.1	0	0.0	2	11.1	18
Melanomas of the Skin	13	86.7	2	13.3	0	0.0	0	0.0	15
Other Non-Epithelial Skin	1	33.3	0	0.0	0	0.0	2	66.7	3
Breast	87	51.5	51	30.2	9	5.3	22	13.0	169
Female Genital System	37	42.5	19	21.8	18	20.7	13	14.9	87

Table 14 (continued). Distribution of Malignant Cancer Cases by Stage at Diagnosis.*
Other Races, Texas, 1998.

	Local		Regional		Distant		Unstaged		Total Count
	Count	%	Count	%	Count	%	Count	%	
Cervix	11	61.1	3	16.7	1	5.6	3	16.7	18
Corpus & Uterus, NOS	17	50.0	6	17.6	5	14.7	6	17.6	34
Corpus	16	55.2	4	13.8	3	10.3	6	20.7	29
Uterus, NOS	1	20.0	2	40.0	2	40.0	0	0.0	5
Ovary	8	25.8	7	22.6	12	38.7	4	12.9	31
Vagina	0	0.0	1	100.0	0	0.0	0	0.0	1
Vulva	1	50.0	1	50.0	0	0.0	0	0.0	2
Other Female Genital Organs	0	0.0	1	100.0	0	0.0	0	0.0	1
Male Genital System	72	61.5	17	14.5	7	6.0	21	17.9	117
Prostate	69	62.2	16	14.4	7	6.3	19	17.1	111
Testis	2	50.0	1	25.0	0	0.0	1	25.0	4
Penis	1	100.0	0	0.0	0	0.0	0	0.0	1
Other Male Genital Organs	0	0.0	0	0.0	0	0.0	1	100.0	1
Urinary System	29	60.4	2	4.2	5	10.4	12	25.0	48
Urinary Bladder	19	73.1	2	7.7	1	3.8	4	15.4	26
Kidney & Renal Pelvis	9	42.9	0	0.0	4	19.0	8	38.1	21
Ureter	1	100.0	0	0.0	0	0.0	0	0.0	1
Other Urinary Organs	0	0.0	0	0.0	0	0.0	0	0.0	0
Eye & Orbit	2	100.0	0	0.0	0	0.0	0	0.0	2
Brain & Other Nervous System	9	42.9	1	4.8	0	0.0	11	52.4	21
Brain	7	38.9	0	0.0	0	0.0	11	61.1	18
Cranial Nerves Other Nervous System	2	66.7	1	33.3	0	0.0	0	0.0	3
Endocrine System	20	46.5	14	32.6	4	9.3	5	11.6	43
Thyroid	20	50.0	14	35.0	1	2.5	5	12.5	40
Other Endocrine including Thymus	0	0.0	0	0.0	3	100.0	0	0.0	3
Lymphomas	11	26.8	6	14.6	11	26.8	13	31.7	41
Hodgkin's Disease	4	44.4	2	22.2	1	11.1	2	22.2	9
Hodgkin's - Nodal	4	44.4	2	22.2	1	11.1	2	22.2	9
Hodgkin's - Extranodal	0	0.0	0	0.0	0	0.0	0	0.0	0
Non-Hodgkin's Lymphomas	7	21.9	4	12.5	10	31.3	11	34.4	32
Non-Hodgkin's - Nodal	5	20.8	2	8.3	7	29.2	10	41.7	24
Non-Hodgkin's - Extranodal	2	25.0	2	25.0	3	37.5	1	12.5	8
Multiple Myeloma	0	0.0	0	0.0	7	100.0	0	0.0	7
Leukemias	0	0.0	0	0.0	31	100.0	0	0.0	31
Lymphocytic Leukemia	0	0.0	0	0.0	12	100.0	0	0.0	12
Acute Lymphocytic Leukemia	0	0.0	0	0.0	9	100.0	0	0.0	9
Chronic Lymphocytic Leukemia	0	0.0	0	0.0	2	100.0	0	0.0	2
Other Lymphocytic Leukemia	0	0.0	0	0.0	1	100.0	0	0.0	1
Myeloid Leukemia	0	0.0	0	0.0	17	100.0	0	0.0	17
Acute Myeloid Leukemia	0	0.0	0	0.0	10	100.0	0	0.0	10
Chronic Myeloid Leukemia	0	0.0	0	0.0	7	100.0	0	0.0	7
Other Myeloid Leukemia	0	0.0	0	0.0	0	0.0	0	0.0	0
Monocytic Leukemia	0	0.0	0	0.0	1	100.0	0	0.0	1
Acute Monocytic Leukemia	0	0.0	0	0.0	1	100.0	0	0.0	1
Chronic Monocytic Leukemia	0	0.0	0	0.0	0	0.0	0	0.0	0
Other Monocytic Leukemia	0	0.0	0	0.0	0	0.0	0	0.0	0
Other Leukemia	0	0.0	0	0.0	1	100.0	0	0.0	1
Other Acute Leukemia	0	0.0	0	0.0	0	0.0	0	0.0	0
Other Chronic Leukemia	0	0.0	0	0.0	0	0.0	0	0.0	0
Aleukemic, Subleukemic & NOS	0	0.0	0	0.0	1	100.0	0	0.0	1
Ill-defined & Unspecified Sites	0	0.0	0	0.0	0	0.0	25	100.0	25

*Total does not include in-situ bladder cases.

Percentages are percent of total site-specific cases.

Table 15. Total Cancer Incidence* by County of Residence and Sex. Texas, 1998.

	MALE		FEMALE	
	No. of Cases	Rate	No. of Cases	Rate
All Counties	38,134	448.4	35,165	321.5
Anderson	153	657.0	101	363.3
Andrews	24	330.3	26	325.1
Angelina	214	561.3	192	383.5
Aransas	74	451.6	62	358.8
Archer	16	287.5	15	263.3
Armstrong	7	491.0	~	~
Atascosa	65	381.9	61	291.2
Austin	55	398.6	50	274.7
Bailey	15	372.1	15	287.2
Bandera	47	444.3	42	399.8
Bastrop	110	438.5	91	327.5
Baylor	11	361.2	18	464.1
Bee	47	405.4	31	225.5
Bell	447	557.2	382	372.9
Bexar	2,557	457.0	2,451	324.7
Blanco	21	393.0	28	454.9
Borden	~	~	~	~
Bosque	56	476.7	45	325.3
Bowie	256	567.6	195	333.1
Brazoria	434	457.5	419	383.9
Brazos	217	527.8	174	333.5
Brewster	17	273.7	21	334.1
Briscoe	7	565.6	~	~
Brooks	12	292.8	22	420.7
Brown	97	478.4	98	350.3
Burleson	51	543.5	47	438.0
Burnet	113	542.1	101	412.3
Caldwell	67	474.2	60	337.6
Calhoun	48	400.1	38	291.5
Callahan	31	378.4	25	262.2
Cameron	451	345.0	418	253.8
Camp	36	641.5	39	473.2
Carson	17	404.9	15	305.4
Cass	97	532.8	72	314.5
Castro	13	299.1	11	205.1
Chambers	55	470.4	46	346.5
Cherokee	123	491.8	100	303.6
Childress	23	617.5	16	301.3
Clay	19	267.0	21	280.0
Cochran	11	508.5	~	~
Coke	22	768.8	15	352.8
Coleman	25	314.7	21	170.8
Collin	473	398.7	480	282.5
Collingsworth	9	432.9	8	367.4
Colorado	61	476.9	54	317.4
Comal	181	425.3	138	259.5

Table 15 (continued). Total Cancer Incidence* by County of Residence and Sex. Texas, 1998.

	MALE		FEMALE	
	No. of Cases	Rate	No. of Cases	Rate
All Counties	38,134	448.4	35,165	321.5
Comanche	31	299.2	26	210.3
Concho	10	504.8	7	325.7
Cooke	69	373.0	77	322.1
Coryell	125	643.7	68	288.0
Cottle	9	505.5	6	335.3
Crane	6	323.4	8	288.5
Crockett	10	378.7	11	400.5
Crosby	15	370.0	16	246.3
Culberson	~	~	~	~
Dallam	19	611.3	20	512.3
Dallas	3,598	438.0	3,890	354.0
Dawson	24	286.7	30	359.9
Deaf Smith	33	353.5	30	243.0
Delta	23	721.2	7	202.3
Denton	364	332.8	400	284.0
De Witt	57	477.1	50	322.2
Dickens	10	564.9	6	306.8
Dimmit	23	452.8	17	250.8
Donley	21	745.2	11	240.1
Duval	21	337.9	24	274.7
Eastland	58	464.1	53	308.1
Ector	248	443.6	255	352.0
Edwards	8	514.6	7	447.5
Ellis	188	433.1	178	320.3
El Paso	1,188	442.8	1,057	299.2
Erath	72	476.6	48	233.8
Falls	40	373.0	45	373.4
Fannin	99	552.0	80	365.4
Fayette	71	439.1	56	298.3
Fisher	16	418.3	~	~
Floyd	11	219.7	13	229.0
Foard	13	1,069.5	~	~
Fort Bend	380	383.3	363	281.6
Franklin	24	417.4	14	207.8
Freestone	42	394.6	37	267.8
Frio	21	327.6	12	127.6
Gaines	21	310.9	21	259.9
Galveston	642	543.1	514	353.8
Garza	14	505.2	12	269.1
Gillespie	64	415.6	47	236.8
Glasscock	~	~	~	~
Goliad	21	501.8	7	129.0
Gonzales	34	329.1	61	446.9
Gray	68	398.2	69	325.3
Grayson	333	596.1	275	364.1
Gregg	352	632.4	290	397.2

Table 15 (continued). Total Cancer Incidence* by County of Residence and Sex. Texas, 1998.

	MALE		FEMALE	
	No. of Cases	Rate	No. of Cases	Rate
All Counties	38,134	448.4	35,165	321.5
Grimes	46	414.2	50	407.3
Guadalupe	153	382.5	117	252.5
Hale	48	270.4	72	310.7
Hall	12	360.8	16	426.0
Hamilton	23	408.0	20	240.3
Hansford	9	261.6	16	399.6
Hardeman	20	547.9	16	395.8
Hardin	134	563.7	119	396.0
Harris	5,675	461.0	5,363	336.7
Harrison	116	363.8	104	245.4
Hartley	~	~	~	~
Haskell	15	306.2	20	361.6
Hays	150	511.1	125	333.8
Hemphill	7	337.4	13	504.5
Henderson	220	502.3	210	378.6
Hidalgo	772	403.3	579	240.4
Hill	78	408.3	86	346.0
Hockley	43	374.4	39	272.6
Hood	126	592.0	119	512.5
Hopkins	95	525.6	67	308.0
Houston	90	685.8	80	552.7
Howard	83	426.6	78	321.9
Hudspeth	6	330.0	~	~
Hunt	151	398.6	139	296.7
Hutchinson	62	376.4	60	340.6
Irion	~	~	6	543.5
Jack	22	484.6	19	352.0
Jackson	35	387.2	34	282.0
Jasper	78	404.6	71	301.8
Jeff Davis	~	~	~	~
Jefferson	611	449.0	570	317.7
Jim Hogg	11	395.8	6	187.6
Jim Wells	79	380.9	54	225.2
Johnson	226	434.0	224	342.3
Jones	28	267.2	38	277.9
Karnes	32	388.9	23	214.1
Kaufman	175	607.9	159	425.8
Kendall	72	662.7	58	447.1
Kenedy	~	~	~	~
Kent	~	~	~	~
Kerr	158	490.3	133	326.4
Kimble	11	385.6	18	419.4
King	~	~	~	~
Kinney	11	472.1	7	229.5
Kleberg	55	395.7	53	311.1
Knox	11	266.7	9	175.8

Table 15 (continued). Total Cancer Incidence* by County of Residence and Sex. Texas, 1998.

	MALE		FEMALE	
	No. of Cases	Rate	No. of Cases	Rate
All Counties	38,134	448.4	35,165	321.5
Lamar	150	579.4	105	303.4
Lamb	27	285.3	18	156.8
Lampasas	47	539.1	32	307.9
La Salle	10	343.7	~	~
LaVaca	75	567.0	62	378.8
Lee	43	524.1	18	195.9
Leon	64	736.4	43	377.4
Liberty	162	551.0	140	392.7
Limestone	63	506.3	53	290.5
Lipscomb	12	563.1	~	~
Live Oak	20	310.9	14	176.6
Llano	71	520.1	75	425.6
Loving	~	~	~	~
Lubbock	405	400.7	377	297.7
Lynn	19	505.3	14	336.5
McCulloch	29	548.1	17	253.0
McLennan	420	426.1	405	328.8
McMullen	~	~	~	~
Madison	29	497.0	25	346.1
Marion	27	372.6	19	260.0
Martin	6	212.9	9	293.6
Mason	16	551.3	6	197.7
Matagorda	100	523.2	90	375.5
Maverick	72	404.5	67	293.3
Medina	89	469.9	65	309.7
Menard	~	~	7	324.8
Midland	216	399.6	198	296.2
Milam	86	554.1	51	324.1
Mills	19	451.1	15	322.2
Mitchell	22	399.3	20	313.3
Montague	59	519.2	54	316.8
Montgomery	444	423.4	413	309.2
Moore	35	388.3	29	284.6
Morris	55	643.6	25	219.7
Motley	6	537.4	~	~
Nacogdoches	108	423.1	103	316.3
Navarro	99	440.4	99	318.1
Newton	38	448.0	15	171.9
Nolan	41	440.5	49	366.2
Nueces	557	391.5	535	291.9
Ochiltree	14	292.3	12	194.3
Oldham	7	821.3	10	640.6
Orange	249	548.5	193	344.1
Palo Pinto	68	401.9	53	278.7
Panola	60	452.5	54	314.1
Parker	182	451.7	139	295.7

Table 15 (continued). Total Cancer Incidence* by County of Residence and Sex. Texas, 1998.

	MALE		FEMALE	
	No. of Cases	Rate	No. of Cases	Rate
All Counties	38,134	448.4	35,165	321.5
Parmer	14	255.6	21	354.2
Pecos	44	564.4	24	264.9
Polk	167	563.9	120	381.1
Potter	252	537.5	242	366.3
Presidio	16	362.0	9	224.8
Rains	20	352.5	23	404.5
Randall	213	423.3	195	309.2
Reagan	6	372.2	~	~
Real	11	623.9	~	~
Red River	49	495.5	31	259.5
Reeves	37	433.3	20	232.8
Refugio	23	412.0	23	299.7
Roberts	~	~	~	~
Robertson	54	599.1	39	347.4
Rockwall	49	325.4	47	255.1
Runnels	42	594.1	39	483.3
Rusk	120	454.3	86	250.0
Sabine	74	771.6	36	338.8
San Augustine	34	590.9	24	337.6
San Jacinto	54	393.9	40	271.0
San Patricio	131	408.6	122	320.8
San Saba	11	260.9	16	307.6
Schleicher	12	634.5	11	443.0
Scurry	47	439.0	36	280.1
Shakelford	6	269.6	11	278.8
Shelby	74	547.5	59	309.5
Sherman	~	~	~	~
Smith	437	500.8	446	395.1
Somervell	22	775.0	13	396.1
Starr	54	320.4	50	223.1
Stephens	15	252.6	19	261.4
Sterling	~	~	~	~
Stonewall	7	433.0	~	~
Sutton	8	356.0	9	356.0
Swisher	18	318.0	15	277.2
Tarrant	2,251	419.6	2,247	323.2
Taylor	321	566.0	292	383.9
Terrell	~	~	~	~
Terry	30	391.4	15	146.4
Throckmorton	~	829.7	~	~
Titus	70	540.1	63	347.3
Tom Green	245	493.1	246	368.4
Travis	1,107	440.7	1,127	344.2
Trinity	42	463.8	37	308.1
Tyler	71	577.4	53	372.6
Upshur	112	602.5	67	280.1

Table 15 (continued). Total Cancer Incidence* by County of Residence and Sex. Texas, 1998.

	MALE		FEMALE	
	No. of Cases	Rate	No. of Cases	Rate
All Counties	38,134	448.4	35,165	321.5
Upton	11	632.3	6	257.2
Uvalde	42	335.1	42	299.2
Val Verde	83	441.8	63	259.7
Van Zandt	133	487.3	128	365.5
Victoria	184	474.4	186	361.3
Walker	276	1,004.1	100	434.1
Waller	58	458.7	38	262.6
Ward	20	289.0	15	162.8
Washington	75	455.6	60	285.0
Webb	173	299.9	204	244.9
Wharton	132	591.5	95	315.6
Wheeler	12	288.3	17	315.3
Wichita	266	428.2	283	331.5
Wilbarger	54	564.7	28	197.6
Willacy	32	369.0	30	253.1
Williamson	316	474.7	266	298.6
Wilson	72	507.1	58	308.4
Winkler	15	295.9	19	330.1
Wise	88	390.6	92	360.2
Wood	115	512.6	91	335.1
Yoakum	12	283.3	13	296.7
Young	55	487.5	50	359.3
Zapata	18	337.8	20	336.1
Zavala	25	507.4	11	171.3

*Rates are per 100,000 and age-adjusted to the 1970 U.S. standard population.

~Numbers and rates are not presented if there are 5 or fewer cases.

Table 16. Total Cancer Incidence* by County of Residence and Race/Ethnicity. Texas, 1998.

	All Races		Non-Hispanic Whites		African Americans		Hispanics		Other Races	
	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate
Texas	73,299	374.4	54,278	394.2	7,632	431.1	10,133	272.7	1,009	284.7
Anderson	254	483.9	214	504.2	34	463.1	~	~	~	~
Andrews	50	319.5	44	357.5	~	~	~	~	~	~
Angelina	406	460.1	352	476.6	43	441.5	8	116.0	~	~
Aransas	136	401.3	129	438.3	~	~	~	~	~	~
Archer	31	271.1	31	276.5	~	~	~	~	~	~
Armstrong	12	368.1	11	318.8	~	~	~	~	~	~
Atascosa	126	330.9	75	337.6	~	~	50	320.6	~	~
Austin	105	325.8	94	354.1	9	316.9	~	~	~	~
Bailey	30	321.1	26	396.6	~	~	~	~	~	~
Bandera	89	412.3	81	402.9	~	~	~	~	~	~
Bastrop	201	372.7	160	382.7	20	420.2	17	253.9	~	~
Baylor	29	414.1	25	388.0	~	~	~	~	~	~
Bee	78	302.0	48	373.1	~	~	28	216.2	~	~
Bell	829	449.6	679	482.6	99	496.0	37	200.3	13	270.0
Bexar	5,008	379.7	3,053	462.0	354	451.4	1,528	272.6	42	204.3
Blanco	49	414.3	46	417.6	~	~	~	~	~	~
Borden	~	~	~	~	~	~	~	~	~	~
Bosque	101	385.3	94	378.8	~	~	~	~	~	~
Bowie	451	431.0	390	452.0	56	322.2	~	~	~	~
Brazoria	853	413.0	728	438.8	54	444.8	66	234.7	~	~
Brazos	391	420.2	309	439.2	55	536.1	24	219.5	~	~
Brewster	38	303.8	24	298.1	~	~	14	350.9	~	~
Briscoe	10	346.8	10	405.3	~	~	~	~	~	~
Brooks	34	351.6	7	714.7	~	~	27	328.8	~	~
Brown	195	402.5	178	406.7	7	467.8	9	302.6	~	~
Burleson	98	475.7	82	522.4	12	374.6	~	~	~	~
Burnet	214	468.7	204	484.9	~	~	~	~	~	~
Caldwell	127	393.9	91	443.2	11	431.4	23	266.2	~	~
Calhoun	86	343.1	64	363.4	~	~	19	295.6	~	~
Callahan	56	308.7	56	319.6	~	~	~	~	~	~
Cameron	869	290.7	386	415.6	~	~	481	243.0	~	~
Camp	75	534.4	58	540.7	16	672.9	~	~	~	~
Carson	32	349.5	31	353.2	~	~	~	~	~	~
Cass	169	403.5	137	398.1	30	418.3	~	~	~	~
Castro	24	245.5	18	259.8	~	~	6	253.8	~	~

Table 16 (continued). Total Cancer Incidence* by County of Residence and Race/Ethnicity. Texas, 1998.

	All Races		Non-Hispanic Whites		African Americans		Hispanics		Other Races	
	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate
Texas	73,299	374.4	54,278	394.2	7,632	431.1	10,133	272.7	1,009	284.7
Chambers	101	403.7	88	451.4	11	247.0	~	~	~	~
Cherokee	223	381.1	184	378.5	36	512.0	~	~	~	~
Childress	39	438.0	34	426.2	~	~	~	~	~	~
Clay	40	271.4	39	276.1	~	~	~	~	~	~
Cochran	14	249.2	12	270.5	~	~	~	~	~	~
Coke	37	544.3	36	573.9	~	~	~	~	~	~
Coleman	46	228.6	42	233.6	~	~	~	~	~	~
Collin	953	325.5	839	324.4	38	399.9	29	201.3	37	343.2
Collingsworth	17	395.2	14	352.1	~	~	~	~	~	~
Colorado	115	388.6	84	363.8	26	668.3	~	~	~	~
Comal	319	336.0	279	337.2	~	~	37	301.4	~	~
Comanche	57	245.2	53	257.6	~	~	~	~	~	~
Concho	17	386.1	14	450.2	~	~	~	~	~	~
Cooke	146	338.8	141	346.8	~	~	~	~	~	~
Coryell	193	450.8	170	472.3	9	278.7	8	233.5	6	483.4
Cottle	15	409.4	14	426.9	~	~	~	~	~	~
Crane	14	288.7	12	311.5	~	~	~	~	~	~
Crockett	21	377.8	15	442.9	~	~	6	279.1	~	~
Crosby	31	303.8	25	280.7	~	~	~	~	~	~
Culberson	6	161.6	~	~	~	~	~	~	~	~
Dallam	39	545.7	36	630.5	~	~	~	~	~	~
Dallas	7,488	386.7	5,407	388.3	1,284	448.5	576	277.5	186	392.9
Dawson	54	320.5	37	358.4	~	~	15	277.7	~	~
Deaf Smith	63	289.0	48	305.6	~	~	13	220.7	~	~
Delta	30	426.2	27	409.5	~	~	~	~	~	~
Denton	764	300.2	711	313.4	19	230.6	23	165.0	10	131.4
De Witt	107	388.0	83	415.8	12	545.2	12	255.6	~	~
Dickens	16	419.4	12	395.7	~	~	~	~	~	~
Dimmit	40	339.8	9	520.3	~	~	31	316.2	~	~
Donley	32	474.3	31	489.8	~	~	~	~	~	~
Duval	45	300.6	6	224.0	~	~	39	314.8	~	~
Eastland	111	368.1	106	369.5	~	~	~	~	~	~
Ector	503	388.8	400	401.8	16	333.7	80	347.2	5	~
Edwards	15	470.8	11	543.5	~	~	~	~	~	~

Table 16 (continued). Total Cancer Incidence* by County of Residence and Race/Ethnicity. Texas, 1998.

	All Races		Non-Hispanic Whites		African Americans		Hispanics		Other Races	
	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate
Texas	73,299	374.4	54,278	394.2	7,632	431.1	10,133	272.7	1,009	284.7
Ellis	366	363.8	295	355.2	46	567.4	24	228.2	~	~
El Paso	2,245	358.2	850	395.1	43	305.8	1,340	347.3	11	128.0
Erath	120	337.7	114	337.6	~	~	~	~	~	~
Falls	85	357.0	55	329.4	25	525.7	~	~	~	~
Fannin	179	444.0	167	449.7	7	271.7	~	~	~	~
Fayette	127	354.8	114	363.5	8	434.5	~	~	~	~
Fisher	20	226.0	18	248.5	~	~	~	~	~	~
Floyd	24	221.5	20	221.6	~	~	~	~	~	~
Foard	15	591.5	13	660.2	~	~	~	~	~	~
Fort Bend	743	326.1	531	381.9	91	249.8	69	194.0	46	268.2
Franklin	38	298.9	38	319.2	~	~	~	~	~	~
Freestone	79	317.9	58	307.4	21	379.5	~	~	~	~
Frio	33	221.5	14	258.0	~	~	19	203.0	~	~
Gaines	42	276.9	34	288.8	~	~	8	287.7	~	~
Galveston	1,156	439.1	860	460.7	168	412.9	110	344.0	14	242.7
Garza	26	382.2	19	367.4	~	~	6	479.0	~	~
Gillespie	111	318.1	107	324.8	~	~	~	~	~	~
Glasscock	~	~	~	~	~	~	~	~	~	~
Goliad	28	294.2	20	346.8	~	~	~	~	~	~
Gonzales	95	393.6	76	489.8	7	369.7	12	196.5	~	~
Gray	137	349.0	131	358.0	~	~	~	~	~	~
Grayson	608	460.2	566	471.6	32	471.5	8	286.5	~	~
Gregg	642	492.8	523	486.3	103	542.3	~	~	~	~
Grimes	96	400.8	73	418.2	22	467.5	~	~	~	~
Guadalupe	270	308.7	219	339.4	7	213.5	43	227.5	~	~
Hale	120	289.5	94	309.5	~	~	22	191.6	~	~
Hall	28	380.9	23	357.5	~	~	~	~	~	~
Hamilton	43	316.3	42	311.5	~	~	~	~	~	~
Hansford	25	331.2	22	313.3	~	~	~	~	~	~
Hardeman	36	458.7	31	426.7	~	~	~	~	~	~
Hardin	253	471.0	239	490.8	9	218.2	~	~	~	~
Harris	11,038	388.9	7,381	404.8	2,111	461.9	1,159	243.1	362	347.7
Harrison	220	297.5	152	279.9	65	377.3	~	~	~	~
Hartley	~	~	~	~	~	~	~	~	~	~

Table 16 (continued). Total Cancer Incidence* by County of Residence and Race/Ethnicity. Texas, 1998.

	All Races		Non-Hispanic Whites		African Americans		Hispanics		Other Races	
	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate
Texas	73,299	374.4	54,278	394.2	7,632	431.1	10,133	272.7	1,009	284.7
Haskell	35	324.4	32	343.6	~	~	~	~	~	~
Hays	275	412.6	204	410.6	7	547.7	57	373.2	~	~
Hemphill	20	427.0	19	435.9	~	~	~	~	~	~
Henderson	430	432.5	407	439.2	18	409.2	~	~	~	~
Hidalgo	1,351	309.7	539	464.2	~	~	803	263.8	~	~
Hill	164	370.0	148	381.5	9	291.9	7	315.9	~	~
Hockley	82	311.1	74	371.3	~	~	6	111.8	~	~
Hood	245	547.3	241	557.3	~	~	~	~	~	~
Hopkins	162	395.1	146	395.8	15	531.4	~	~	~	~
Houston	170	601.6	132	639.4	34	543.9	~	~	~	~
Howard	161	361.3	141	394.7	~	~	19	257.2	~	~
Hudspeth	10	271.3	~	~	~	~	~	~	~	~
Hunt	290	342.6	257	341.8	25	418.6	~	~	~	~
Hutchinson	122	353.7	115	362.4	~	~	~	~	~	~
Irion	9	381.8	7	320.1	~	~	~	~	~	~
Jack	41	409.2	39	402.0	~	~	~	~	~	~
Jackson	69	328.3	59	364.8	~	~	7	215.5	~	~
Jasper	149	341.5	125	335.3	21	377.4	~	~	~	~
Jeff Davis	9	331.4	~	~	~	~	~	~	~	~
Jefferson	1,181	372.6	796	353.1	344	456.4	31	231.5	9	276.4
Jim Hogg	17	276.7	~	~	~	~	14	247.1	~	~
Jim Wells	133	289.1	55	342.0	~	~	76	259.2	~	~
Johnson	450	376.1	430	387.4	8	353.3	10	181.7	~	~
Jones	66	270.6	61	283.6	~	~	~	~	~	~
Karnes	55	284.6	40	332.2	~	~	15	228.0	~	~
Kaufman	334	494.3	292	511.6	31	404.2	9	347.9	~	~
Kendall	130	535.8	118	546.8	~	~	9	334.7	~	~
Kenedy	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~
Kerr	291	395.5	272	410.5	~	~	15	222.3	~	~
Kimble	29	408.3	27	453.2	~	~	~	~	~	~
King	~	~	~	~	~	~	~	~	~	~
Kinney	18	346.6	12	508.7	~	~	6	236.0	~	~
Kleberg	108	344.1	40	321.4	~	~	65	368.9	~	~

Table 16 (continued). Total Cancer Incidence* by County of Residence and Race/Ethnicity. Texas, 1998.

	All Races		Non-Hispanic Whites		African Americans		Hispanics		Other Races	
	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate
Texas	73,299	374.4	54,278	394.2	7,632	431.1	10,133	272.7	1,009	284.7
Knox	20	207.9	17	233.9	~	~	~	~	~	~
Lamar	255	415.8	227	418.5	27	441.3	~	~	~	~
Lamb	45	213.6	34	221.4	~	~	8	150.3	~	~
Lampasas	79	400.1	71	412.7	~	~	~	~	~	~
La Salle	15	237.8	7	411.8	~	~	8	183.0	~	~
LaVaca	137	455.4	111	428.3	13	658.8	12	712.3	~	~
Lee	61	345.9	54	397.5	~	~	~	~	~	~
Leon	107	522.0	87	478.3	17	979.7	~	~	~	~
Liberty	302	450.9	264	480.4	33	408.0	~	~	~	~
Limestone	116	379.3	100	416.0	12	230.7	~	~	~	~
Lipscomb	17	363.6	17	384.9	~	~	~	~	~	~
Live Oak	34	238.5	25	252.9	~	~	9	245.3	~	~
Llano	146	472.1	137	451.2	~	~	~	~	~	~
Loving	~	~	~	~	~	~	~	~	~	~
Lubbock	782	340.4	626	356.3	58	416.2	94	248.6	~	~
Lynn	33	416.8	23	458.0	~	~	10	417.2	~	~
McCulloch	46	380.4	37	396.0	~	~	6	265.2	~	~
McLennan	825	365.6	637	364.4	137	491.4	46	229.5	~	~
McMullen	~	~	~	~	~	~	~	~	~	~
Madison	54	417.9	45	455.2	7	378.0	~	~	~	~
Marion	46	299.6	35	330.9	10	208.0	~	~	~	~
Martin	15	254.0	11	261.4	~	~	~	~	~	~
Mason	22	347.8	20	383.9	~	~	~	~	~	~
Matagorda	190	438.8	144	476.2	21	431.7	21	292.9	~	~
Maverick	139	341.4	16	366.9	~	~	123	343.2	~	~
Medina	154	382.5	100	376.2	~	~	52	390.5	~	~
Menard	11	287.4	10	352.7	~	~	~	~	~	~
Midland	414	342.2	337	351.1	35	415.6	39	256.2	~	~
Milam	137	419.6	114	435.3	11	372.9	11	331.7	~	~
Mills	34	379.2	31	381.5	~	~	~	~	~	~
Mitchell	42	318.5	39	415.5	~	~	~	~	~	~
Montague	113	408.4	112	413.3	~	~	~	~	~	~
Montgomery	857	356.9	795	364.3	36	482.5	23	161.6	~	~
Moore	64	326.5	55	345.8	~	~	8	212.8	~	~

Table 16 (continued). Total Cancer Incidence* by County of Residence and Race/Ethnicity. Texas, 1998.

	All Races		Non-Hispanic Whites		African Americans		Hispanics		Other Races	
	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate
Texas	73,299	374.4	54,278	394.2	7,632	431.1	10,133	272.7	1,009	284.7
Morris	80	400.1	64	405.7	16	391.9	~	~	~	~
Motley	9	321.1	7	295.6	~	~	~	~	~	~
Nacogdoches	211	358.4	163	340.6	45	533.7	~	~	~	~
Navarro	198	367.4	165	382.0	30	412.8	~	~	~	~
Newton	53	296.8	45	307.2	7	243.1	~	~	~	~
Nolan	90	396.5	74	399.2	~	~	16	411.1	~	~
Nueces	1,092	332.6	643	383.8	46	357.8	398	271.0	~	~
Ochiltree	26	242.8	25	250.5	~	~	~	~	~	~
Oldham	17	651.9	17	680.5	~	~	~	~	~	~
Orange	442	431.3	396	426.2	39	553.3	~	~	~	~
Palo Pinto	121	324.8	113	330.0	~	~	~	~	~	~
Panola	114	365.2	96	375.1	17	312.8	~	~	~	~
Parker	321	368.2	314	374.5	~	~	~	~	~	~
Parmer	35	299.8	30	339.1	~	~	~	~	~	~
Pecos	68	393.3	37	421.1	~	~	29	340.9	~	~
Polk	287	458.9	261	465.5	16	433.6	~	~	~	~
Potter	494	431.9	431	474.6	24	315.7	31	209.3	7	251.5
Presidio	25	282.2	11	510.8	~	~	14	201.0	~	~
Rains	43	381.9	39	361.9	~	~	~	~	~	~
Randall	408	355.4	393	360.9	~	~	13	320.6	~	~
Reagan	9	278.8	6	271.1	~	~	~	~	~	~
Real	16	344.5	13	290.3	~	~	~	~	~	~
Red River	80	352.8	71	367.4	8	249.2	~	~	~	~
Reeves	57	324.4	33	462.5	~	~	23	216.0	~	~
Refugio	46	345.7	34	438.9	~	~	9	221.3	~	~
Roberts	7	567.4	7	578.2	~	~	~	~	~	~
Robertson	93	453.0	71	496.2	16	430.5	~	~	~	~
Rockwall	96	285.0	90	286.8	~	~	~	~	~	~
Runnels	81	526.9	67	506.9	~	~	12	519.2	~	~
Rusk	206	335.0	159	322.2	45	454.6	~	~	~	~
Sabine	110	531.6	107	567.9	~	~	~	~	~	~
San Augustine	58	427.8	44	398.6	13	484.5	~	~	~	~
San Jacinto	94	328.4	86	347.8	8	262.1	~	~	~	~
San Patricio	253	356.2	159	385.9	6	776.8	88	312.2	~	~

Table 16 (continued). Total Cancer Incidence* by County of Residence and Race/Ethnicity.
Texas, 1998.

	All Races		Non-Hispanic Whites		African Americans		Hispanics		Other Races	
	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate
Texas	73,299	374.4	54,278	394.2	7,632	431.1	10,133	272.7	1,009	284.7
San Saba	27	279.6	24	286.6	~	~	~	~	~	~
Schleicher	23	550.7	20	666.5	~	~	~	~	~	~
Scurry	83	343.9	71	356.3	~	~	10	301.8	~	~
Shakelford	17	273.2	17	282.6	~	~	~	~	~	~
Shelby	133	406.0	112	408.9	20	412.0	~	~	~	~
Sherman	6	154.7	~	~	~	~	~	~	~	~
Smith	883	436.5	730	448.7	123	375.9	19	227.6	8	605.0
Somervell	35	561.9	33	586.5	~	~	~	~	~	~
Starr	104	263.0	8	605.6	~	~	96	253.6	~	~
Stephens	34	258.7	32	262.0	~	~	~	~	~	~
Sterling	~	~	~	~	~	~	~	~	~	~
Stonewall	12	359.2	11	380.5	~	~	~	~	~	~
Sutton	17	345.4	11	390.0	~	~	6	306.7	~	~
Swisher	33	288.4	28	301.8	~	~	~	~	~	~
Tarrant	4,498	362.1	3,688	365.4	476	421.2	245	266.2	74	261.8
Taylor	613	456.0	545	472.1	26	498.9	37	298.9	~	~
Terrell	~	~	~	~	~	~	~	~	~	~
Terry	45	243.7	36	255.1	~	~	8	226.1	~	~
Throckmorton	15	522.1	15	550.4	~	~	~	~	~	~
Titus	133	423.8	122	472.3	10	279.7	~	~	~	~
Tom Green	491	420.1	396	435.8	16	476.6	73	339.0	~	~
Travis	2,234	384.7	1,667	387.8	227	432.0	268	308.0	52	430.0
Trinity	79	377.7	74	398.6	~	~	~	~	~	~
Tyler	124	455.3	111	460.5	11	442.8	~	~	~	~
Upshur	179	423.5	161	443.9	17	293.2	~	~	~	~
Upton	17	415.4	12	390.8	~	~	~	~	~	~
Uvalde	84	311.4	49	359.0	~	~	35	261.9	~	~
Val Verde	146	341.8	55	406.3	~	~	88	311.1	~	~
Van Zandt	261	417.4	245	416.1	10	495.2	~	~	~	~
Victoria	370	406.1	268	422.4	32	616.8	68	306.8	~	~
Walker	376	718.5	227	629.3	111	1,089.5	33	550.3	~	~
Waller	96	353.4	59	314.2	24	406.6	12	357.8	~	~
Ward	35	220.7	27	236.7	~	~	~	~	~	~
Washington	135	357.0	110	347.0	21	423.9	~	~	~	~

Table 16 (continued). Total Cancer Incidence* by County of Residence and Race/Ethnicity. Texas, 1998.

	All Races		Non-Hispanic Whites		African Americans		Hispanics		Other Races	
	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate	No. of Cases	Rate
Texas	73,299	374.4	54,278	394.2	7,632	431.1	10,133	272.7	1,009	284.7
Webb	377	263.1	52	453.6	~	~	323	245.8	~	~
Wharton	227	430.3	166	449.5	29	452.4	31	346.2	~	~
Wheeler	29	302.1	29	323.1	~	~	~	~	~	~
Wichita	549	368.6	495	386.7	37	380.0	13	154.8	~	~
Wilbarger	82	355.5	65	325.9	7	476.7	10	687.9	~	~
Willacy	62	300.7	19	400.1	~	~	43	287.4	~	~
Williamson	582	371.8	512	386.3	19	321.4	43	269.4	6	166.1
Wilson	130	405.4	92	399.0	~	~	34	385.3	~	~
Winkler	34	306.1	27	314.1	~	~	6	251.4	~	~
Wise	180	371.3	177	388.8	~	~	~	~	~	~
Wood	206	409.8	196	423.1	7	277.8	~	~	~	~
Yoakum	25	285.7	23	326.7	~	~	~	~	~	~
Young	105	402.9	103	410.2	~	~	~	~	~	~
Zapata	38	336.4	20	584.5	~	~	17	205.7	~	~
Zavala	36	319.3	6	525.2	~	~	30	308.9	~	~

*Rates are per 100,000 and age-adjusted to the 1970 U.S. standard population.
 ~Numbers and rates are not presented if there are 5 or fewer cases.

Table 17. Percentage of Cancer Cases Reported by Death Certificate Only by Primary Site, Race/Ethnicity, and Sex. Texas, 1998.

Primary Site	All Races			Non-Hispanic Whites			African Americans			Hispanics			Other Races		
	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)
All Sites	4.2	4.1	4.4	4.4	4.1	4.6	5.2	5.7	4.6	3.0	3.0	3.0	3.1	2.6	3.5
Oral Cavity & Pharynx	2.8	2.6	3.2	2.6	2.0	3.9	3.9	5.6	0.0	2.8	3.3	1.8	3.4	5.6	0.0
Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	0.0	0.0	0.0	0.0	0.0	~
Tongue	1.7	0.7	4.0	1.5	0.0	5.4	0.0	0.0	0.0	4.5	7.7	0.0	0.0	0.0	0.0
Salivary Gland	3.3	3.2	3.4	3.0	2.9	3.1	4.3	11.1	0.0	6.3	0.0	16.7	0.0	0.0	0.0
Floor of Mouth	0.9	0.0	2.6	1.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	~	~	~	~
Gum & Other Mouth	4.0	3.7	4.4	3.9	2.3	5.9	8.3	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nasopharynx	3.2	2.7	5.3	4.5	3.9	6.7	0.0	0.0	0.0	0.0	0.0	~	0.0	0.0	0.0
Tonsil	0.4	0.6	0.0	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oropharynx	6.1	7.3	0.0	2.9	3.4	0.0	11.1	14.3	0.0	20.0	20.0	~	~	~	~
Hypopharynx	1.3	1.7	0.0	2.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	~	~
Other Oral Cavity & Pharynx	16.7	19.4	9.1	15.0	15.9	12.5	16.7	21.4	0.0	20.0	33.3	0.0	100.0	100.0	~
Digestive System	5.3	4.6	6.1	5.5	4.4	6.6	5.4	5.7	5.1	4.9	4.7	5.1	3.8	3.8	3.7
Esophagus	6.9	5.6	11.4	7.0	5.1	14.1	3.4	4.5	0.0	10.8	10.7	11.1	0.0	0.0	0.0
Stomach	4.5	4.4	4.8	4.9	4.6	5.4	6.3	7.0	5.2	3.2	2.8	3.8	0.0	0.0	0.0
Small Intestine	1.2	1.4	0.9	1.7	1.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Colon & Rectum	3.1	2.5	3.8	3.4	2.7	4.3	3.6	3.4	3.7	1.1	1.0	1.3	3.6	5.5	1.8
Colon excluding Rectum	4.0	3.2	4.7	4.3	3.3	5.3	4.4	4.4	4.3	1.5	1.3	1.7	4.1	5.4	2.7
Cecum	0.3	0.2	0.5	0.3	0.2	0.4	0.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
Appendix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	0.0
Ascending Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatic Flexure	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~
Transverse Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	0.0
Splenic Flexure	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	0.0
Descending Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sigmoid Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Large Intestine, NOS	31.4	27.1	35.3	34.9	29.1	39.7	29.1	28.3	30.0	13.6	12.8	14.3	23.1	33.3	14.3
Rectum & Rectosigmoid Junction	1.1	1.0	1.2	1.2	1.1	1.4	1.2	0.8	1.7	0.3	0.4	0.0	2.7	5.6	0.0
Rectosigmoid Junction	0.8	0.4	1.3	0.7	0.3	1.3	1.3	0.0	2.3	0.8	1.2	0.0	0.0	0.0	0.0
Rectum	1.3	1.4	1.2	1.6	1.7	1.4	1.2	1.1	1.3	0.0	0.0	0.0	3.4	7.1	0.0
Anus, Anal Canal & Anorectum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	~	~
Liver & Intrahepatic Bile Duct	13.5	12.6	15.6	14.2	11.9	18.5	13.0	16.9	0.0	13.8	13.6	14.2	7.3	5.0	13.3
Liver	12.8	11.8	15.3	12.9	10.4	18.0	14.3	17.6	0.0	13.6	12.9	15.1	6.0	5.4	7.7
Intrahepatic Bile Duct	18.7	20.6	16.7	21.2	21.7	20.5	0.0	0.0	0.0	16.7	27.3	7.7	20.0	0.0	50.0
Gallbladder	3.6	2.2	4.1	6.6	0.0	8.5	0.0	0.0	0.0	1.4	6.7	0.0	0.0	0.0	0.0
Other Biliary	7.6	6.3	9.1	8.0	5.5	10.3	6.3	0.0	11.1	8.5	10.7	5.3	0.0	0.0	0.0
Pancreas	11.9	9.3	14.4	12.7	10.4	14.9	11.7	8.4	15.4	9.9	6.6	12.8	0.0	0.0	0.0
Retroperitoneum	1.7	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	10.0	~	~	~
Peritoneum, Omentum & Mesentery	5.3	7.1	4.7	2.6	0.0	3.3	16.7	33.3	11.1	0.0	0.0	0.0	~	~	~

Table 17 (continued). Percentage of Cancer Cases Reported by Death Certificate Only by Primary Site, Race/Ethnicity, and Sex. Texas, 1998.

Primary Site	All Races			Non-Hispanic Whites			African Americans			Hispanics			Other Races		
	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)
Other Digestive Organs	18.6	0.0	32.0	13.3	0.0	26.7	0.0	0.0	0.0	50.0	0.0	75.0	50.0	~	50.0
Respiratory System	6.8	6.1	7.8	6.9	6.2	7.8	7.6	7.3	8.0	4.9	3.7	7.6	6.3	4.8	8.0
Nose, Nasal Cavity & Middle Ear	3.1	5.5	0.0	3.2	5.1	0.0	9.1	16.7	0.0	0.0	0.0	0.0	0.0	~	0.0
Larynx	2.9	2.8	3.1	2.9	2.8	3.3	5.2	5.6	3.8	0.0	0.0	0.0	0.0	0.0	~
Lung & Bronchus	7.1	6.5	8.1	7.2	6.6	8.1	7.6	7.3	8.2	5.5	4.3	8.0	6.9	5.5	8.7
Pleura	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	0.0	0.0	0.0
Trachea, Mediastinum & Other Resp.	11.8	11.1	12.5	0.0	0.0	0.0	50.0	66.7	33.3	14.3	0.0	25.0	0.0	0.0	~
Bones & Joints	5.1	5.7	4.3	4.6	5.6	3.4	11.1	14.3	9.1	2.2	0.0	4.8	33.3	50.0	0.0
Soft Tissue including Heart	2.5	2.4	2.7	2.2	1.2	3.3	8.2	13.6	3.7	1.1	1.7	0.0	0.0	0.0	0.0
Skin excluding Basal & Squamous	4.4	4.6	4.2	4.6	4.9	4.1	2.4	0.0	5.6	4.8	3.0	6.9	0.0	0.0	0.0
Melanomas of the Skin	2.0	1.9	2.1	2.0	2.0	2.0	7.1	0.0	10.0	1.3	0.0	2.0	0.0	0.0	0.0
Other Non-Epithelial Skin	18.3	16.7	22.4	22.9	22.2	24.6	0.0	0.0	0.0	11.4	5.7	33.3	0.0	0.0	0.0
Breast	1.8	0.8	1.8	1.9	1.1	1.9	2.4	0.0	2.4	0.9	0.0	1.0	1.2	0.0	1.2
Female Genital System	2.1	~	2.1	2.4	~	2.4	2.6	~	2.6	1.1	~	1.1	1.1	~	1.1
Cervix	1.7	~	1.7	2.2	~	2.2	2.0	~	2.0	0.6	~	0.6	0.0	~	0.0
Corpus & Uterus, NOS	1.5	~	1.5	1.5	~	1.5	2.4	~	2.4	1.0	~	1.0	2.9	~	2.9
Corpus	0.5	~	0.5	0.5	~	0.5	0.7	~	0.7	0.4	~	0.4	3.4	~	3.4
Uterus, NOS	12.2	~	12.2	16.9	~	16.9	10.0	~	10.0	5.7	~	5.7	0.0	~	0.0
Ovary	3.8	~	3.8	4.4	~	4.4	5.2	~	5.2	1.4	~	1.4	0.0	~	0.0
Vagina	0.0	~	0.0	0.0	~	0.0	0.0	~	0.0	0.0	~	0.0	0.0	~	0.0
Vulva	1.1	~	1.1	0.7	~	0.7	0.0	~	0.0	3.4	~	3.4	0.0	~	0.0
Other Female Genital Organs	2.1	~	2.1	0.0	~	0.0	0.0	~	0.0	8.3	~	8.3	0.0	~	0.0
Male Genital System	2.2	2.2	~	2.1	2.1	~	3.8	3.8	~	1.2	1.2	~	0.0	0.0	~
Prostate	2.3	2.3	~	2.2	2.2	~	3.9	3.9	~	1.3	1.3	~	0.0	0.0	~
Testis	0.2	0.2	~	0.3	0.3	~	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	0.0	~
Other Male Genital Organs	0.0	0.0	~	0.0	0.0	~	~	~	~	0.0	0.0	~	0.0	0.0	~
Urinary System	2.6	2.3	3.3	2.5	2.1	3.2	3.6	3.8	3.3	2.4	2.4	2.4	7.4	2.6	20.0
Urinary Bladder	1.5	1.2	2.4	1.4	1.1	2.6	2.8	2.2	3.8	1.4	1.9	0.0	0.0	0.0	0.0
Kidney & Renal Pelvis	4.1	4.1	4.1	4.2	4.3	4.1	3.8	4.9	2.1	3.1	3.0	3.3	19.0	7.1	42.9
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	0.0
Other Urinary Organs	2.7	0.0	4.5	0.0	0.0	0.0	25.0	~	25.0	0.0	0.0	0.0	~	~	~
Eye & Orbit	0.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	9.1	0.0	0.0	~	0.0
Brain & Other Nervous System	6.0	6.6	5.3	7.0	8.1	5.8	3.6	2.0	5.9	2.5	1.8	3.4	4.8	6.3	0.0
Brain	6.5	7.0	5.9	7.5	8.4	6.3	4.0	2.2	6.7	2.9	2.2	3.8	5.6	7.7	0.0
Cranial Nerves Other Nervous System	0.9	1.9	0.0	1.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~
Endocrine System	0.7	1.2	0.5	0.8	1.2	0.6	1.2	7.1	0.0	0.4	0.0	0.6	0.0	0.0	0.0
Thyroid	0.4	0.7	0.3	0.4	0.5	0.4	1.4	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Endocrine including Thymus	3.5	3.4	3.6	3.8	4.7	2.7	0.0	0.0	0.0	4.8	0.0	10.0	0.0	0.0	0.0

Table 17 (continued). Percentage of Cancer Cases Reported by Death Certificate Only by Primary Site, Race/Ethnicity, and Sex. Texas, 1998.

Primary Site	All Races			Non-Hispanic White			African American			Hispanic			Other Races		
	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)	Total (%)	M (%)	F (%)
Lymphomas	2.4	1.9	2.9	2.4	1.8	3.0	2.5	2.5	2.4	2.3	2.1	2.6	2.4	0.0	4.5
Hodgkins Disease	1.6	1.7	1.4	1.8	2.1	1.5	0.0	0.0	0.0	1.8	1.6	2.0	0.0	0.0	0.0
Hodgkins - Nodal	1.7	1.8	1.5	1.9	2.2	1.6	0.0	0.0	0.0	1.9	1.7	2.2	0.0	0.0	0.0
Hodgkins - Extranodal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	~	~
Non-Hodgkins Lymphomas	2.5	1.9	3.1	2.4	1.7	3.2	3.2	3.3	2.9	2.5	2.2	2.7	3.1	0.0	5.6
Non-Hodgkins - Nodal	3.5	2.8	4.3	3.4	2.5	4.4	4.3	5.0	3.7	3.8	3.4	4.2	4.2	0.0	7.1
Non-Hodgkins - Extranodal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Multiple Myeloma	6.3	5.9	6.8	6.0	4.8	7.4	9.1	12.5	6.3	4.2	4.8	3.5	14.3	0.0	25.0
Leukemias	8.2	7.2	9.5	9.7	9.0	10.7	8.6	7.8	9.6	3.6	1.5	6.3	0.0	0.0	0.0
Lymphocytic Leukemia	0.4	0.2	0.6	0.4	0.3	0.4	0.0	0.0	0.0	0.6	0.0	1.3	0.0	0.0	0.0
Acute Lymphocytic Leukemia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic Lymphocytic Leukemia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Lymphocytic Leukemia	10.0	5.6	16.7	8.0	6.3	11.1	0.0	~	0.0	33.3	0.0	50.0	0.0	0.0	~
Myeloid Leukemia	6.0	6.3	5.6	6.8	7.4	6.0	6.3	8.7	3.0	3.5	1.3	6.0	0.0	0.0	0.0
Acute Myeloid Leukemia	5.9	6.0	5.7	7.0	7.1	6.8	5.7	6.5	4.5	2.2	2.0	2.4	0.0	0.0	0.0
Chronic Myeloid Leukemia	7.6	8.3	6.5	7.9	9.6	4.9	10.0	15.4	0.0	6.8	0.0	13.6	0.0	0.0	0.0
Other Myeloid Leukemia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	~	~
Monocytic Leukemia	5.7	4.2	9.1	9.5	8.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~
Acute Monocytic Leukemia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	~	0.0	0.0	0.0	0.0	0.0	~
Chronic Monocytic Leukemia	0.0	0.0	0.0	0.0	~	0.0	0.0	0.0	0.0	0.0	0.0	~	~	~	~
Other Monocytic Leukemia	100.0	100.0	100.0	100.0	100.0	100.0	~	~	~	~	~	~	~	~	~
Other Leukemia	41.2	35.4	47.7	44.8	38.8	52.5	37.5	33.3	40.0	23.3	13.3	33.3	0.0	~	0.0
Other Acute Leukemia	36.2	34.3	39.1	35.6	32.3	42.9	33.3	50.0	25.0	42.9	50.0	40.0	~	~	~
Other Chronic Leukemia	82.6	71.4	92.0	86.8	83.3	90.0	60.0	0.0	100.0	66.7	0.0	100.0	~	~	~
Aleukemic, Subleukemic & NOS	29.1	25.4	33.3	33.0	27.8	39.1	30.8	40.0	25.0	10.0	8.3	12.5	0.0	~	0.0
Ill-defined & Unspecified Sites	15.1	13.5	16.7	15.9	13.9	18.0	18.9	18.4	19.3	8.8	9.2	8.4	12.0	0.0	18.8

~ = No cases of cancer reported for this site.

Appendices

Appendix 1. SEER Site Recode for ICDO-2 Incidence Data

Site Description	Site	Types
Oral Cavity and Pharynx		
Lip	C000-C009	(EXC TYPES 9590-9989)
Tongue	C019-C029	(EXC TYPES 9590-9989)
Salivary Glands	C079-C089	(EXC TYPES 9590-9989)
Floor of Mouth	C040-C049	(EXC TYPES 9590-9989)
Gum and Other Mouth	C030-C039,C050-C059, C060-C069	(EXC TYPES 9590-9989)
Nasopharynx	C110-C119	(EXC TYPES 9590-9989)
Tonsil	C090-C099	(EXC TYPES 9590-9989)
Oropharynx	C100-C109	(EXC TYPES 9590-9989)
Hypopharynx	C129,C130-C139,C141	(EXC TYPES 9590-9989)
Other Oral Cavity and Pharynx	C140,C142-C148	(EXC TYPES 9590-9989)
Digestive System		
Esophagus	C150-C159	(EXC TYPES 9590-9989)
Stomach	C160-C169	(EXC TYPES 9590-9989)
Small Intestine	C170-C179	(EXC TYPES 9590-9989)
Colon exc. Rectum		
Cecum	C180	(EXC TYPES 9590-9989)
Appendix	C181	(EXC TYPES 9590-9989)
Ascending Colon	C182	(EXC TYPES 9590-9989)
Hepatic Flexure	C183	(EXC TYPES 9590-9989)
Transverse Colon	C184	(EXC TYPES 9590-9989)
Splenic Flexure	C185	(EXC TYPES 9590-9989)
Descending Colon	C186	(EXC TYPES 9590-9989)
Sigmoid Colon	C187	(EXC TYPES 9590-9989)
Large Intestine, NOS	C188-C189,C260	(EXC TYPES 9590-9989)
Rectum and Rectosigmoid		
Rectosigmoid Junction	C199	(EXC TYPES 9590-9989)
Rectum	C209	(EXC TYPES 9590-9989)
Anus, Anal Canal and Anorectum	C210-C212,C218	(EXC TYPES 9590-9989)
Liver	C220	(EXC TYPES 9590-9989)
Intrahepatic Bile Ducts	C221	(EXC TYPES 9590-9989)
Gallbladder	C239	(EXC TYPES 9590-9989)
Other Biliary	C240-C249	(EXC TYPES 9590-9989)
Pancreas	C250-C259	(EXC TYPES 9590-9989)
Retroperitoneum	C480	(EXC TYPES 9590-9989)
Peritoneum, Omentum and Mesentery	C481-C482	(EXC TYPES 9590-9989)
Other Digestive Organs	C268-C269,C488	(EXC TYPES 9590-9989)
Respiratory system		
Nasal Cavity, Middle Ear and Accessory Sinuses	C300-C301,C310-C319	(EXC TYPES 9590-9989)
Larynx	C320-C329	(EXC TYPES 9590-9989)
Lung and Bronchus	C340-C349	(EXC TYPES 9590-9989)
Pleura	C384	(EXC TYPES 9590-9989)
Trachea, Mediastinum and Other Respiratory Organs	,C339,C381-C383,C388 C390,C398,C399	(EXC TYPES 9590-9989)
Bones and Joints		
	C400-C419	(EXC TYPES 9590-9989)

Appendix 1 (continued). SEER Site Recode for ICDO-2 Incidence Data

Site	Description	Site Types
Soft Tissue (including Heart)	C380,C470-C479, C490-C499	(EXC TYPES 9590-9989)
Skin (excluding Basal and Squamous)		
Melanoma - Skin	C440-C449	(TYPES 872-879)
Other Non-Epithelial Skin	C440-C449	(EXC TYPES 8000-8004, 8010-8012,8070-8076, 8090-8096,8720-8790, 9590-9599)
Breast	C500-C509	(EXC TYPES 9590-9589)
Female Genital System		
Cervix	C530-C539	(EXC TYPES 9590-9989)
Corpus	C540-C549	(EXC TYPES 9590-9989)
Uterus, NOS	C559	(EXC TYPES 9590-9989)
Ovary	C569	(EXC TYPES 9590-9989)
Vagina	C529	(EXC TYPES 9590-9989)
Vulva	C510-C519	(EXC TYPES 9590-9989)
Other Female Genital Organs	C570-C589	(EXC TYPES 9590-9989)
Male Genital System		
Prostate	C619	(EXC TYPES 9590-9989)
Testis	C620-C629	(EXC TYPES 9590-9989)
Penis	C600-C609	(EXC TYPES 9590-9989)
Other Male Genital Organs	C630-C639	(EXC TYPES 9590-9989)
Urinary System		
Bladder	C670-C679	(EXC TYPES 9590-9989)
Kidney and Renal Pelvis	C649-C659	(EXC TYPES 9590-9989)
Ureter	C669	(EXC TYPES 9590-9989)
Other Urinary Organs	C680-C689	(EXC TYPES 9590-9989)
Eye and Orbit	C690-C699	(EXC TYPES 9590-9989)
Brain and Other Nervous System		
Brain	C710-C719	(EXC TYPE 953,9590-9989)
Other Nervous System	C710-C719 C700-C709,C720-C729	(TYPE 953) (EXC TYPES 9590-9989)
Endocrine System		
Thyroid	C739	(EXC TYPES 9590-9989)
Other Endocrine (includes Thymus)	C379,C740-C749, C750-C759	(EXC TYPES 9590-9989)
Lymphomas		
Hodgkin's Disease	All Sites	(TYPES 9650-9667)
Non-Hodgkin's Lymphoma	All Sites	(TYPES 9590-9595,9670-9714)

Appendix 1 (continued). SEER Site Recode for ICDO-2 Incidence Data

Site	Description	Site Types
Multiple Myeloma	All Sites	(TYPES 9731-C9732)
Leukemias	All Sites	
Lymphocytic		
Acute Lymphocytic		(TYPE 9821)
Chronic Lymphocytic		(TYPE 9823)
Other Lymphocytic		(TYPES 9820,9822,9824,9825,9826)
Myeloid		
Acute Myeloid		(TYPES 9861,9867)
Chronic Myeloid		(TYPES 9863,9868)
Other Myeloid		(TYPES 9860,9862,9864,9866)
Monocytic		
Acute Monocytic		(TYPE 9891)
Chronic Monocytic		(TYPE 9893)
Other Monocytic		(TYPES 9890,9892,9894)
Other		
Acute Other		(TYPES 9801,9841)
Chronic Other		(TYPES 9803,9842)
Aleukemic, Subleukemic, and NOS		(TYPES 9800,9802,9804,9827,9830,9840,9850,9870,9880,9900,9910,9930-9941)
Ill Defined and Unspecified Sites		(TYPES 9720-9723,9740,9741,9760,9764,9950-9989)
	C760-C768,C809, C420-C424, C770-C779	(TYPES 8000-9589) (TYPES 8000-9589) (TYPES 8000-9589)

Invalid Sites

Site or histology code not invalid range or site/histology combination not found in this table.

Appendix 2. Population Totals by Age, Race/Ethnicity and Sex. Texas, 1998.

	Male					Female				
	All Races	Non-Hispanic Whites	African Americans	Hispanics	Other Races	All Races	Non-Hispanic Whites	African Americans	Hispanics	Other Races
00-04	856,229	367,806	100,909	361,955	25,559	818,483	349,333	98,100	346,976	24,074
05-09	831,715	396,275	107,942	306,854	20,644	796,902	375,951	104,909	296,532	19,510
10-14	763,542	391,879	97,442	256,525	17,696	729,802	372,529	94,601	245,574	17,098
15-19	795,553	417,712	103,181	254,423	20,237	755,127	395,448	97,699	243,479	18,501
20-24	798,924	423,458	104,913	247,894	22,659	736,216	390,656	92,510	233,437	19,613
25-29	759,331	393,918	99,999	244,245	21,169	712,202	377,547	91,202	223,853	19,600
30-34	747,705	403,312	93,102	230,426	20,865	729,772	408,321	92,193	208,802	20,456
35-39	811,642	478,599	93,484	218,152	21,407	804,820	479,678	99,215	203,988	21,939
40-44	757,972	470,411	84,301	183,272	19,988	760,026	467,608	92,211	178,604	21,603
45-49	634,215	408,667	64,552	143,355	17,641	650,495	411,130	75,023	144,975	19,367
50-54	519,095	354,014	45,543	106,453	13,085	538,394	358,455	53,609	112,098	14,232
55-59	392,035	275,970	33,111	73,726	9,228	415,150	284,222	40,118	81,373	9,437
60-64	311,976	222,921	25,563	57,469	6,023	346,953	238,724	33,504	68,105	6,620
65-69	265,728	194,710	20,869	46,140	4,009	314,596	221,391	29,344	58,710	5,151
70-74	221,732	165,355	16,626	36,883	2,868	289,220	210,145	25,609	49,612	3,854
75-79	169,131	128,699	12,822	25,657	1,953	239,300	180,892	20,521	35,259	2,628
80-84	94,022	72,740	6,742	13,512	1,028	163,705	127,450	13,516	21,304	1,435
85+	64,996	46,857	5,890	11,441	808	162,908	123,944	15,273	22,392	1,299
Total	9,795,543	5,613,303	1,116,991	2,818,382	246,867	9,964,071	5,773,424	1,169,157	2,775,073	246,417



Appendix 3. United States 1970 Standard Million Population by Age

Age	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

Sources: U.S. Bureau of the Census, Census of Population, 1970.

Muir C, Waterhouse J, Mack T, Powell J, Wheland S (eds).
Cancer Incidence In Five Continents, Volume V, pg. 792. Lyon:
International Agency for Research on Cancer, 1987.

