

**CANCER INCIDENCE AND MORTALITY**  
**IN**  
**SAN DIEGO COUNTY**  
**1999-2003**

**Featuring Annual Data on Incidence and Mortality  
from 1988 through 2003**



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## ACKNOWLEDGMENTS AND DISCLAIMER

Professor Hoda Anton-Culver has been the Director and Principal Investigator for all CSPOC/SANDIOCC related activities until recently, but is now concentrating on the development of the Genetic Epidemiology Research Institute as well as expansion of the Epidemiology Division at the University of California, Irvine. We are grateful for her outstanding leadership and vision, including specification of the content of this report. We thank the cancer registrars and other health-related professionals in Orange, San Diego, and Imperial Counties for their dedication and painstaking, difficult work which makes population-based cancer registration possible. Their efforts are the foundation on which this publication, and population-based cancer research, is based. We are also grateful to the patients, who somehow manage to find the energy and time to participate in research projects aimed at the eventual elimination of the many different diseases called cancer.

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## CSPOC / SANDIOCC PROGRAMS

The Cancer Surveillance Program of Orange County (CSPOC) and the San Diego - Imperial Organization for Cancer Control (SANDIOCC) are population-based, regional cancer registries for Orange County and the combination of Imperial and San Diego Counties, respectively. Each is part of the statewide cancer-reporting system called the California Cancer Registry. The California Cancer Registry is a component of the Cancer Surveillance Section, Chronic Disease Branch, California Department of Health Services. Under the mandate of state law (Sections 103875, 103885 and 100330 of the California Health and Safety Code), CSPOC / SANDIOCC has been conducting cancer registration since 1988 (1984 in Orange County), currently under Subcontract 1006133 with the Public Health Institute (an agent of the California Department of Health Services). Funding is augmented by the Centers for Disease Control and Prevention (Subcontract 1005926). CSPOC / SANDIOCC is also part of the Greater California SEER Region, with associated activities funded by the National Cancer Institute, Surveillance, Epidemiology, and End-Results Program, Subcontract 1002886. The Principal Investigator for the SEER subcontract is Wendy R. Brewster, MD, PhD. CSPOC is sometimes referred to as Region 10 of the California Cancer Registry, while SANDIOCC is Region 7.

CANCER INCIDENCE AND MORTALITY IN SAN DIEGO COUNTY  
1999-2003

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## SECTION I

# BRIEF INTRODUCTION TO THE EPIDEMIOLOGY DIVISION AND THE GENETIC EPIDEMIOLOGY RESEARCH INSTITUTE AT THE UNIVERSITY OF CALIFORNIA, IRVINE

Section I offers a brief introduction to the Epidemiology Division and the Genetic Epidemiology Research Institute (GERI) at the University of California, Irvine. The history of cancer-registration at UCI is also briefly outlined. The Epidemiology Division houses both the Cancer Surveillance Program of Orange County (CSPOC) and the San Diego - Imperial Organization for Cancer Control (SANDIOCC). The Epidemiology Division contains several major biomedical research efforts in diverse fields including asthma, hemochromatosis, and cardiology (see [www.epi.uci.edu](http://www.epi.uci.edu) for more information). The Chief of the Epidemiology Division at The University of California, Irvine is Professor Hoda Anton-Culver.

Administratively, the GERI is independent of departments or divisions, and embodies a multi-disciplinary approach to a broad spectrum of biomedical research, with an emphasis on gene-environment interactions and cancers. The Institute provides an organizational structure designed to bring together scientists from several disciplines, such as epidemiology, developmental and cell biology, molecular biology and biochemistry, genetics, statistics, pharmacology, and behavioral sciences to stimulate interdisciplinary research and training. The institute also facilitates scientific interactions and collaborations by organizing seminars and symposia. There are over 40 faculty members in GERI. Through the strength of its members, the Institute's main goal is to promote research at UCI to further advance knowledge on the genetic basis of disease etiology, progression, and outcome.

The GERI is host to the UCI Center for Cancer Genetics Research and Prevention, and is both the central Informatics Center for and a contributor to the National Cancer Institute's Cancer Genetics Network. The CSPOC and SANDIOCC programs are important resources for the GERI, and for other research efforts both within and beyond The University of California, Irvine. Many of the GERI faculty are also members of the Epidemiology Division. The founder and Director of the GERI is Professor Hoda Anton-Culver. More information about GERI can be found at [www.geri.uci.edu](http://www.geri.uci.edu).

## Personnel

This page lists the faculty of the Genetic Epidemiology Research Institute / Epidemiology Division, staff of the CSPOC / SANDIOCC cancer registries, and members of the Cancer Genetics Research and Prevention Advisory Board. The role of the Cancer Genetics Research and Prevention Advisory Board is to contribute a variety of perspectives directed at maximizing the public-health benefit from the Genetic Epidemiology Research Institute and the Epidemiology Division at The University of California, Irvine.

### FACULTY

Anton-Culver, Hoda, PhD	Professor & Chief of Epidemiology Division, Director of GERI
Brewster, Wendy, MD, PhD	Assistant Professor, Gynecologic Oncology
Culver, B Dwight, MD, MS	Occupational & Environmental Medicine / Toxicology
Delfino, Ralph, MD, PhD	Assistant Clinical Professor, Environmental Epidemiology
Garner, Chad, PhD	Assistant Professor, Statistical Genetics
Le, Huan, MD	Associate Clinical Professor, Molecular Genetics
Liao, Shu-Yuan, MD	Associate Clinical Professor, Molecular Genetics & Pathology
Lin, Fritz, MD	Professor, Pathology
Lipkin, Steven, PhD	Assistant Professor of Medicine
Manetta, Alberto, MD	Professor, Gynecologic Oncology
McEligot, Archana, PhD	Assistant Adjunct Professor, Nutrition and Genetics
McLaren, Christine, PhD	Professor, Biostatistics
Neuhausen, Susan, PhD	Professor, Molecular Genetics
Peel, David, PhD	Assistant Adjunct Professor, Molecular Genetics
Saltzstein, Sidney, MD, MPH	Clinical Professor, Co-director of SANDIOCC
Ziogas, Argyrios, PhD	Associate Adjunct Professor, Statistical Genetics

### CANCER SURVEILLANCE PROGRAM STAFF

Bringman, Deborah, MPH	Director, CSPOC/SANDIOCC Programs
Taylor, Thomas H, PhD	Senior Biostatistician
Gildea-Schroeder, Maureen	Informatics Manager
Rowley, Kitty, MA, CTR	Quality Control Manager
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Koutsouros, Susan, CTR	Quality Control Specialist
Leach, Sara, RHIT, CTR	Quality Control Specialist
Weber, Regina, CTR	Quality Control Specialist
Vitt, Susan, LPN, CTR	Quality Control Specialist
Wong, Teresa, CTR	Quality Control Specialist
Villaverde, Phyllis, CTR	C/Net Support Technician
Olufemi, Velvet, CTR	Patient Records Abstractor
Scott, Trinidad A, RHIT, CTR	Patient Records Abstractor
Im, Theresa	Patient Records Abstractor
Ikei, Ruby T, MA	Programmer/Analyst
Blix, Julie, RN, CTR	Patient Records Abstractor
Sipes, Dennis	Network Administrator

### CANCER GENETICS RESEARCH AND PREVENTION ADVISORY BOARD

William Bunney, MD, Scientific Chair	Bichlien Nguyen, MD, UC Irvine
Leslie Cyril, Hoag Hospital Cancer Center	Alex Rados, Lon V Smith Foundation
Eugene Gerner, PhD, University of Arizona	Dan Stokols, PhD, UC Irvine
Barbara Hamkalo, PhD, UC Irvine	Bruce Vancil, American Cancer Society
David Horowitz, Community Member	Gerald Weinstein, MD, UC Irvine
Rochelle Minchow, Patient Advocate	Hon. Harriett Wieder, Community Member
Harvey Mohrenweiser, PhD, UC Irvine	

## HISTORY

The Cancer Surveillance Program of Orange County (CSPOC) was established in 1983 to provide a focus for scientists, clinicians and other members of the healthcare community to promote cancer prevention and control in Orange County. Initially, many hospitals voluntarily participated in CSPOC's data-collection efforts. Shortly after, the Orange County Board of Supervisors declared cancer a reportable disease within the County, and legislation at the State level in 1985 made cancer a reportable disease throughout the State. To implement the cancer reporting laws, the California Department of Health Services formed the California Cancer Registry (CCR) and divided the State into 10 Regions for purposes of cancer reporting. Data are reported by each Regional Registry to the central CCR. CSPOC is Region 10 of the CCR, and is the model regional registry for the system. By 1988 the San Diego - Imperial Organization for Cancer Control (SANDIOCC) was formed as Region 7 of the CCR, responsible for case reporting from San Diego and Imperial Counties. In 1992, the SANDIOCC organization merged with CSPOC to form CSPOC/SANDIOCC, the population-based regional cancer registry for Orange, San Diego and Imperial Counties.

In addition to augmenting cancer research, CSPOC/SANDIOCC is intended to collect, analyze, and disseminate information to characterize cancer in the populations of Orange, San Diego and Imperial Counties. Incidence and mortality of specific cancers are monitored over time and differential risks of cancer by geographic region, age, race/ethnicity, sex and other characteristics of the population are analyzed.

CSPOC/SANDIOCC is an important resource for scientists, clinicians, and other health professionals concerned with the etiology, risk factors, prevention, outcomes, and other aspects of cancer. The program is also designed to monitor patient survival with respect to the type of cancer, extent of disease, demographics and other relevant factors. These data may facilitate studies to evaluate the efficacy of management, changes in diagnostic procedures, public-awareness campaigns, and other cancer-control initiatives. In addition to providing data for research and policy purposes, CSPOC/SANDIOCC facilitates communication among various members of the cancer community.

## OBJECTIVES

Among the main objectives of CSPOC/SANDIOCC are:

- obtain accurate and complete data on cancer incidence and survival
- identify areas of need for cancer control
- evaluate methods of cancer control
- identify groups in the population at high risk for cancer on the basis of factors such as: occupational/environmental exposures, geographic locus, and lifestyle patterns
- identify areas where etiologic associations should be tested
- provide information in support of education programs, especially for high-risk groups
- evaluate effectiveness of diagnostic and treatment modalities using prognosis and survival data
- determine priorities for cancer prevention and control based on cancer incidence, distribution, and potential exposures to environmental carcinogens

## ORGANIZATION

### Leadership

CSPOC/SANDIOCC is administered by the Epidemiology Division, University of California, Irvine. The Division Chief is Professor Hoda Anton-Culver. The Director of CSPOC / SANDIOCC is Ms Deborah Bringman, MPH. Ms Bringman and Dr Taylor share responsibility for the CDC subcontracts. The Principal Investigators for the SEER subcontract is Dr Wendy R. Brewster. Necessary and appropriate consultation on scientific and other matters is available from a wide variety of nationally known experts, including Professors Hoda Anton-Culver, B Dwight Culver, and Sidney L Saltzstein, as well as the Center for Cancer Genetics Research and Prevention Advisory Board.

## Science and Public Policy

### **The Center for Cancer Genetics Research and Prevention Advisory Board**

The Cancer Genetics Research and Prevention Advisory Board is structured to be representative of the region's organized medicine, local health departments, institutions of higher learning in health and medicine, health-planning agencies, and community-volunteer organizations devoted to cancer. The Committee's responsibilities include: 1) advise with respect to use of cancer incidence data for research to determine the sources of cancers and to evaluate measures designed to eliminate, alleviate, or ameliorate their effect; 2) advise regarding priorities related to proposed research, analysis, or reports using the regional-registry data; 3) review and advise on policies for ensuring the confidentiality and appropriate use of cancer-patient data; and, 4) in general, review and advise on policies for ensuring qualified potential users access to statistical data from the registry, in accordance with current law.

### **Professional Standards and Training**

Annually, the staff of CSPOC/SANDIOCC offers opportunities for continuing education, review of current data-collection standards, and other training to the cancer-registry professionals of Imperial, Orange, and San Diego Counties. Staff of CSPOC/SANDIOCC participate actively in working groups of the statewide California Cancer Registry and the nationwide North American Association of Central Cancer Registries.

## COMMUNITY INVOLVEMENT

CSPOC/SANDIOCC plays a central role in fostering communication among members of the oncologic community in and around Orange, San Diego, and Imperial Counties through several forums:

### **Seminar Series of the Genetic Epidemiology Research Institute**

The *GERI Research Seminar Series* is a forum for the presentation and discussion of current efforts in research and policy, with an emphasis on cancer. Featured speakers range from graduate students and junior faculty through senior professionals with national or international reputations. Thanks to the generous support of Ben and Barbara Harris, the *GERI Distinguished Speaker Series* brings truly outstanding individuals to campus for technical and lay-oriented talks. To receive e-mail announcements of seminar presentations please correspond with Jason Park (jpark@uci.edu).

### **North American Association of Central Cancer Registries (NAACR) Annual Meeting**

CSPOC/SANDIOCC is a member of the North American Association of Central Cancer Registries, which coordinates an annual meeting to discuss current topics in the surveillance, prevention and control of cancers. This meeting is of interest to those involved with in cancer surveillance and outcomes, including scientists, clinicians, cancer registrars, and makers of public policy.

**For More Information**

If you would like to be added to the mailing list to obtain notices of Research Seminars, then please write to: CSPOC/SANDIOCC, Epidemiology Division, 224 Irvine Hall, University of California, Irvine, CA 92697-7550, or telephone: (949) 824-7401, or fax: (949) 824-4773, or e-mail to [jpark@uci.edu](mailto:jpark@uci.edu).

**Special Data Requests**

Requests for special, or non-routine, analyses of cancer data are often received from physicians, scientists, hospital-based cancer registries, or other researchers or citizens in Orange, San Diego, and Imperial Counties. Fulfillment of such requests is constrained by appropriate law, regulations, and policies to ensure the privacy of the patients. A copy of the policy and procedure for data requests may be obtained by contacting CSPOC/SANDIOCC. Reimbursement for resources expended in completing special data requests may, in some cases, be required.

**Web Page**

This document, other data, and information about the Genetic Epidemiology Research Institute and the Epidemiology Division, Department of Medicine, University of California, Irvine may be found on the World Wide Web. The Uniform Resource Locator (URL) is: <http://www.epi.uci.edu> .

## SECTION II

# MATERIALS AND METHODS

The purpose of Section II is to document the materials and methods that are used to generate the numerical information contained in this report. In addition to listing the sources of data, this section provides definitions of terms and technical notes to assist in interpretation of the data presented in Sections III, IV, and V.

### SOURCES OF DATA

#### INCIDENCE DATA

All incidence data in this report are from the CSPOC/SANDIOCC population-based cancer registries as of January 2006. Technical operations of the Registry are described elsewhere<sup>1</sup> (see also Appendix 3). Over 94 percent of incident cases are microscopically confirmed. Because an individual may be diagnosed with more than one primary cancer, the number of incident cancer cases is roughly eight percent greater than the corresponding number of cancer patients diagnosed in this time period.

The total number of newly diagnosed, reportable cancer cases among residents of San Diego County from 1 January 1988 through 31 December 2003 (as of 1/06) is 194775. All cases of benign and borderline brain tumors (numbering 822) and *in-situ* cancers, except for Bladder Cancer *in-situ* (numbering 15845) are omitted from this report. Cases of Bladder Cancer *in-situ* are included in this report, as are borderline ovarian tumors. An additional 97 cases missing age at diagnosis or sex of the patient are omitted from this report. Therefore, the tables of annual sex- and site-specific, age-adjusted incidence rates (Tables 1-3, Section III) are based on 178011 cases. Of these incident cases, 5481 (3.1%) are coded as unknown site. Cases of unknown site are reflected in the figures for ALL SITES, but imply that counts and rates for specific sites are underestimated to some degree. The number of cases abstracted from the death certificate alone is 3032 (1.7%).

The five-year incidence data shown in the tables of Sections IV and V (Tables 7 - 35) are based upon 59988 cases of invasive cancer, or Bladder Cancer, diagnosed among residents of San Diego County from 1 January 1999 through 31 December 2003 (as of 1/06). As above, benign and borderline brain tumors are excluded, and borderline ovarian cases are included. Cases where age at diagnosis or sex of patient are missing are omitted (totaling 29). For this time period there are 2016 (3.4%) cases coded as unknown site. Again, cases of unknown site are reflected in the figures for ALL SITES, but imply that the counts and rates for specific sites are underestimated to some degree. Similarly, 1244 (2.1%) cases are of undetermined race/ethnicity. These cases are reflected in the data for all races/ethnicities, but imply that the counts and rates for specific race/ethnic groups are underestimated to some degree. The number of cases abstracted from the death certificate alone is 588 (1.0%).

#### MORTALITY DATA

Mortality data in this report are from the California Department of Health Services Vital Statistics Death Certificate Master Files and include causes of death coded from 1400 through 2089 in the International Classification of Diseases, Ninth Revision<sup>2</sup> prior to 1999 and thereafter with cause of death coded from C000 through C970 according to the International Classification of Diseases, Tenth Revision.<sup>3</sup> The number of such deaths among residents of San Diego County from 1 January 1988 through 31 December 2003 is 70125. Of these, three are excluded due to missing age at death or missing sex of decedent. Thus, the tables showing annual counts and age-adjusted mortality rates from 1988 through 2003 (Tables 4-6, Section III) are based upon 70122 deaths. There are 4810 (6.9%) deaths coded to cancer of unknown type which, while they contribute to the counts and rates for cancer of ALL SITES, imply that the counts and rates for specific sites are underestimated by some amount.

For the period 1 January 1999 through 31 December 2003, there are 23281 cancer related deaths among residents of San Diego County. Two of these are omitted because of missing age at death. Consequently, the mortality data presented as five-year counts and average annual rates in Tables 7 through 33 (Section IV) are based upon 23279 deaths. Of these, 1605 (6.9%) are coded to unknown cancer type which contribute to the data for cancer of ALL SITES, but imply that the mortality counts and rates for specific cancer types are underestimated by some amount. Similarly, 14 (<1%) decedents are of undetermined race/ethnicity, implying that race/ethnic-specific mortality counts and rates are underestimated to some degree.

## POPULATION ESTIMATES

The population data used for calculations in this report are annual mid-year population estimates by age, race/ethnicity, and sex to the County level released by the Demographic Research Unit of the California Department of Finance. The Department of Finance makes periodic revisions to their population estimates or projections. This publication is consistent with current publications of the California Cancer Registry in choice of population series to represent calendar 1988 through 1989,<sup>4</sup> 1990 through 1999,<sup>5</sup> and 2000 through 2003.<sup>6</sup> Because incidence and mortality rates are sensitive to differences in population estimates, any differences noted between rates in this publication and rates in other publications may be due, at least in part, to choice of population estimates. Population estimates used herein are shown in Appendix 1. Following the US Census, the population estimates for calendar 2000 and forward include a separate multi-race category. In San Diego County for calendar 2000, about 2.2 percent of both men and women are in the multi-race category. These individuals are included in the population estimates across race/ethnicity, but are not allocated to specific race/ethnic groups. Because neither the cancer incidence nor the cancer mortality data have a corresponding multi-race category, we cannot generate counts or rates of cases or deaths for the multi-racial category. The fact that the multi-racial population is excluded from estimates of rates of incidence and mortality in specific race/ethnic groups exerts a small upward pressure on such rates. (See cautions on interpretations, below.)

## SELECTION OF CANCER SITES FOR PRESENTATION

### DETERMINING THE TYPE OF CANCER

For incidence data, primary site and histologic type are coded and reported according to the International Classification of Diseases for Oncology, Third Edition (ICD-O-3).<sup>7</sup> Cause of death was coded according to the International Classification of Diseases, Ninth Revision<sup>2</sup> prior to 1999. For the years 1999 forward cause of death is coded according to the International Classification of Diseases, Tenth Revision.<sup>3</sup> For both incidence and mortality, cases are classified as to type of cancer according to conventions of the Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute.<sup>8</sup>

### SELECTING WHICH CANCERS TO INCLUDE IN THIS REPORT

The word 'cancer' refers to a large number of diseases that may differ considerably in their causes and natural histories. For this reason, consideration of cancers of all sites pooled together, while intuitively appealing, is generally not enlightening. Therefore, this report emphasizes, in Sections III and IV, statistics on 25 specific types of cancer, in addition to cancer of all sites and sarcomas. The main 25 cancer types are chosen for two reasons: a) Taken together they account for roughly 90 percent of cancer diagnoses and deaths in San Diego County, and b) These 25 cancers correspond well to the bulk of the tables published by the California Cancer Registry<sup>9</sup> for all of California. Despite being relatively rare, we provide statistics on Kaposi's Sarcoma because of wide interest, and on all sarcomas to serve research interests. The remaining cancer types are portrayed as a group in Tables 1 through 6 under the rubric ALL OTHER TYPES. Five-year (1999-03), average-annual incidence statistics for these cancer types may be found in Section V (Tables 34-35) for all but the most rare cancer types. Following the California Cancer Registry<sup>9</sup> and the National Cancer Institute's Surveillance, Epidemiology, and End Results Program<sup>8</sup>, cases reported to CSPOC/SANDIOCC as Bladder Cancer *in-situ* are not omitted from this report, although all other *in-situ* cancers are omitted. We include borderline ovarian cancers to be consistent with earlier publications. Although reportable throughout California beginning with 2001, we omit benign and borderline brain tumors from this report because of the relatively small numbers and biologic difference from malignant disease.

## DEFINITIONS OF VARIABLES

### AGE

For both cancer incidence and mortality, age is calculated as the number of whole years between the date of birth and the date of diagnosis or demise. Thus an individual who is 40 years and 11 months old at diagnosis (or death) is considered to be 40 years old.

## HISTOLOGY

Histology is a classification of cell type. Histologic categories change with cancer type, and the histology categories given in the tables of Section IV depend upon cancer type. The histology groupings used in this report are based roughly upon the site and histology editing tables of the National Cancer Institute SEER Program,<sup>10</sup> augmented by the best judgments of our registry staff in an attempt to portray a limited number of meaningful categories for each type of cancer.

## RACE/ETHNICITY

The race/ethnicity of cancer cases is determined in a manner consistent with that of the California Cancer Registry<sup>9</sup> and yield categories generally consistent with the population estimates.<sup>4-6</sup> Cases are grouped into six mutually exclusive categories: non-Hispanic Asian/Pacific Islanders, non-Hispanic Black, Hispanic, non-Hispanic White, non-Hispanic Native Americans, and Unknown. In reports from CSPOC/SANDIOCC and the California Cancer Registry published prior to 1998, Native Americans were pooled with Asians. Native Americans, including American Indians, Eskimos, and Aleuts, account for less than one percent of San Diego County households,<sup>11</sup> and under one percent of the San Diego County population.<sup>4-6</sup> Therefore, cancer incidence and mortality data for Native Americans in San Diego County are considered too unstable for routine publication. As mentioned elsewhere, population estimates for 2000 and forward eliminate those self-identified as multiracial from race/ethnic-specific population estimates.

## REPORTING SOURCE

Reporting source identifies the type of entity from which a report of a cancer diagnosis originates. In this report we have limited the categories to four: hospital, individual physician, death certificate, and other. The last category includes diverse but infrequent contributors to the database, such as: Coroner's Office, nursing home, or pathology lab. The percent of cases documented only by a death certificate is often used as a measure of the efficacy of casefinding efforts.

## STAGE AT DIAGNOSIS

Stage at diagnosis as reported here reflects a grouping of cases into broad and general categories of extent or spread of disease known as SEER Summary Stage. For cases diagnosed through 2000 stage is determined by Summary Stage 1977<sup>10</sup>, but by Summary Stage 2000<sup>10</sup> thereafter. Please note that cases documented only by death certificate must be coded as unstageable, *regardless of the type of cancer involved*.

## STATISTICAL TERMS

### AGE-SPECIFIC RATE

An age-specific rate is calculated by dividing the number of incident cases or deaths in a specific age group in a defined time period by the population in that age group during that time, which yields a rate per person. This result is multiplied by 100,000 both to permit convenient expression of the rate and to be compatible with cancer statistics published by others. In this report, age-specific rates are shown for six age categories. The formula for an age-specific rate may be written :

$$A-SR_i = 100,000 \times c_i / n_i$$

where  $ASR_i$  is the age-specific rate for the  $i^{th}$  age category,  $c_i$  is the count of cases or deaths in the  $i^{th}$  age group, and  $n_i$  is the population estimate for the  $i^{th}$  age group, all during a specified interval of time.<sup>12</sup>

### AGE-ADJUSTED RATE

An age-adjusted rate is a weighted average of age-specific rates, where the weights represent the age distribution of a standard population, the aim of which is to produce a measure of disease or death independent of the age distribution of the population under study. Thus age-adjusted rates from different populations or time periods may be compared regardless of the age structure of the populations, provided only that all calculations use the same standard population. Age-adjusted rates in this report are computed by the direct method, using the projected 2000 US population as standard, and are expressed per 100,000 people. Although only six age categories are used to display age-specific rates in this report, the age-adjusted rates are computed from 18 age categories, as is done by the California Cancer Registry<sup>9</sup>. There are 17 five-year age groups (e.g., 0-4, 5-9, ... 80-84), while the last category is open-ended at 85 and above. The formula for an age-adjusted rate may be written:

$$A-AR = \sum(w_i \times A-SR_i)$$

where A-AR is age-adjusted rate,  $w_i$  is the proportion of the standard population found in the  $i^{\text{th}}$  age group, and  $A-SR_i$  is the age-specific rate in the  $i^{\text{th}}$  age group, all during a specified interval of time.<sup>12</sup> Note that  $A-SR_i$  is already scaled to 100,000. The sum is over the 18 age groups just described, for which  $A-SR_i$  are calculated but not shown in this report.

## DESCRIPTION OF DATA PRESENTED IN THIS REPORT

This report presents cancer data for San Diego County in three sections, each with a different goal. Section III (Tables 1-6) shows data on incidence and mortality year by year, from 1988 through 2003, including the more common cancer types (see p. 16). Section IV (Tables 7-33) shows data on incidence and mortality for the five-year aggregate period 1999-2003 for the more common cancer types, Kaposi's Sarcoma, and all sarcoma. Aggregating the data across five years permits the presentation of more detail in the tables of Section IV than is found anywhere else in this report. Five-year (1999-2003), aggregate incidence data with a finer categorization of cancer types are presented in Section V (Tables 34-35).

Section III presents annual case counts and annual age-adjusted rates for incidence (Tables 1-3) and mortality (Tables 4-6). Data are presented by gender, but all race/ethnic groups are combined. These tables include the 25 more common cancer types, all cancer types together, Kaposi's sarcoma, and all sarcomas. In the incidence tables (Tables 1-3), Kaposi's sarcoma and all sarcoma are listed separately, although sarcoma cases are included in the counts and incidence rates given for the appropriate anatomic type. Information on sarcoma as a cause of death is not available.

Section IV presents more detailed information on the 25 more common cancer types, as well as cancers of all types, Kaposi's sarcoma, and all sarcoma for the aggregate, five-year period 1999 through 2003 (Tables 7-33). The tables of Section IV characterize incidence and mortality by specific cancers, and cancer of all types, and show data by age, race/ethnicity, and gender. Included in the tables of Section IV are: a) case counts by year of diagnosis and gender for all race/ethnic groups combined; b) distributions of source of report, stage at diagnosis, and histology, all based upon the five-year aggregate case counts across race/ethnic groups and across gender; c) five-year case counts and average annual age-adjusted rates by race/ethnicity and gender; d) five-year age-specific counts and average annual age-specific rates for incidence and mortality by gender and race/ethnicity.

Section V (Tables 34-35) presents five-year (1999-2003) aggregate, cancer-incidence data for many more specific cancer types, and groups of types, than appear in the earlier Sections. Five-year case counts and average-annual, age-adjusted incidence rates are shown for 98 cancer types and groups of types, corresponding to the classification scheme of the national Cancer Institute, Surveillance, Epidemiology, and End Results Program<sup>8</sup> (based on ICD-O-3, 27 January 2003). Data are presented by gender for all race/ethnic groups combined. In Section V (Table 34), cancer types are listed by anatomic system, following the nosology of the Surveillance, Epidemiology, and End-Results Program of the National Cancer Institute. Table 35 shows sarcomas, by specific type and also by origin (soft tissue vs. other).

## SUPPRESSION OF DATA

Respect for confidentiality and personal privacy underlie current policies of the California Cancer Registry regarding publication of case counts and incidence or mortality rates. Consistent with these policies, no age-specific nor age-standardized rates of incidence or mortality are given herein if based on fewer than 15 cases. Similarly, no case count of one through four may be given if the corresponding population for the time period concerned is below 10,000. Counts or rates suppressed for these reasons are denoted by .s., to distinguish them from zero. Another policy prohibits publication of age-

standardized incidence rates by racial/ethnic group where there are fewer than 200,000 person years at risk (males and females combined) in the time period specified for the rate. Rates suppressed for this reason are denoted by .&, to distinguish them from zero. This policy precludes publication of incidence data for Native Americans (99980 person-years at risk [see reference 4-6]) for the five-year period 1999 through 2003.

### CAUTIONS ON INTERPRETATION

Incidence and mortality rates depend upon counts of incident cases and deaths and corresponding population estimates. When rates are age-adjusted, the standard population used for adjustment is critical to the results. Incidence and mortality rates in this report are calculated using current population estimates released by the California Department of Finance,<sup>4-6</sup> which may differ from the population estimates used in other reports. Different population estimates will produce different incidence and mortality rates. The addition of a multi-racial category for population estimates beginning with the year 2000 complicates estimates of incidence and mortality rates for specific race/ethnic groups insofar as it reduces the size of specific groups, without a corresponding reduction in the counts of cases or deaths for such groups. Cancer incidence databases are dynamic entities, and for reasons such as late reporting or new or corrected information, the counts and character of cases can change over time (in our experience, a small amount). Thus, changes in incidence counts may be responsible for differences in incidence rates between this and other reports. In contrast, mortality counts are more likely fixed and, therefore, differences in mortality rates between this and other reports are likely due to differences in the population estimates employed.

Currently the California Cancer Registry<sup>9</sup> uses the Year 2000 Population Standard to produce age-adjusted incidence and mortality rates, as is done in this publication. The Year 2000 Population Standard has been adopted by the U.S. Government and local organizations in order to promote uniformity and comparability of information from different organizations. Age-adjusted incidence and mortality rates using the Year 2000 Population Standard are not comparable with age-adjusted incidence and mortality rates compiled with other standards, such as, the 1940 U.S. population, the 1970 U.S. population, or the standard of the World Health Organization.

A comment on sarcoma is in order here. Sarcoma is not exclusive of other cancer types. While of widespread interest as a separate entity, Kaposi's sarcoma can occur in many anatomic sites, mainly skin, mucosa, or viscera. Therefore, cases of Kaposi's sarcoma are "double counted" in this report, that is, they count in the data for Kaposi's sarcoma and also in the data for their anatomic location. The same applies to other sarcoma types. Cases of sarcoma, however, count only once in the compilation of data for cancer of all sites. This practice of "double counting" sarcoma is consistent with methods and publications of the California Cancer Registry. Please note that data on sarcoma as a cause of death are not available to us.

## SECTION III

# ANNUAL INCIDENCE AND MORTALITY COUNTS AND AGE-ADJUSTED RATES FOR ALL RACE / ETHNICITIES COMBINED, BY GENDER, 1988-2003

Section III is composed of Tables 1 through 6, with the first three tables devoted to diagnosis of new cancer cases (incidence) while the last three tables show cancer deaths (mortality) among residents of San Diego County for each of the calendar years 1988 through 2003. Data are presented by gender (males alone, females alone, and the combination of males and females), which is why there are three tables of incidence and three tables of mortality data. The purpose of these tables is to present the general magnitude of incidence and mortality due to specific types of cancer in San Diego County on an annual basis, and to show changes in those measures across the 16 years covered by this report.

Each of the six tables in this section appears on five pages. There are two columns of data for each year, the count of cancer diagnoses or deaths on the left and the age-adjusted rate of incidence or mortality on the right. The latter figure is more meaningful for comparisons across years or comparisons of these with any other incidence or mortality rates (see discussion of age-adjusted rates, page 12; see Cautions on Interpretation, page 14).

**Table 1**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CALENDAR YEAR:	1988		1989		1990	
CANCER SITE	N	AAIR	N	AAIR	N	AAIR
ALL SITES	4789	577.3	4900	566.0	5495	624.0
BLADDER *	324	40.2	296	36.2	358	43.1
BRAIN AND OTHER CNS	78	8.8	77	7.5	89	9.1
BREAST	7	.s.	15	1.9	8	.s.
BUCCAL CAVITY AND PHARYNX	162	18.4	171	18.4	170	18.0
CERVIX	...	...	...	...	...	...
COLON **	378	48.5	377	46.5	423	52.3
CORPUS AND UTERUS NOS	...	...	...	...	...	...
ESOPHAGUS	63	7.0	57	6.6	60	6.7
HODGKIN'S DISEASE	37	3.1	44	3.4	39	3.2
KAPOSI'S SARCOMA ***	120	9.5	126	9.8	149	11.3
KIDNEY AND RENAL PELVIS	110	13.4	110	13.0	133	14.8
LARYNX	72	8.4	93	10.1	56	6.2
LEUKEMIA	129	14.9	151	17.3	172	19.6
LIVER	44	5.1	37	4.3	65	7.1
LUNG & BRONCHUS	835	101.1	776	91.2	904	103.9
MALIGNANT MELANOMA OF THE SKIN	192	21.3	155	16.3	183	18.7
MULTIPLE MYELOMA	41	4.9	58	7.3	53	6.5
NON-HODGKIN'S LYMPHOMA	180	20.3	211	22.3	217	22.5
OVARY	...	...	...	...	...	...
PANCREAS	107	13.7	109	13.2	117	13.5
PROSTATE	1249	160.3	1271	153.3	1584	189.8
RECTUM & RECTOSIGMOID **	175	21.4	194	22.6	135	15.5
STOMACH	111	13.8	116	14.4	116	13.3
TESTIS	62	4.4	66	4.5	93	6.3
THYROID	31	3.2	34	3.4	30	2.9
ALL SARCOMAS ***	168	14.4	200	17.4	222	18.4
ALL OTHER TYPES ****	402	44.3	482	52.3	490	50.1

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 1 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CALENDAR YEAR:	1991		1992		1993	
	N	AAIR	N	AAIR	N	AAIR
CANCER SITE						
ALL SITES	5986	661.7	6298	674.4	6030	638.3
BLADDER *	381	44.8	376	43.2	381	42.0
BRAIN AND OTHER CNS	78	7.8	84	7.8	92	8.9
BREAST	9	.s.	5	.s.	10	.s.
BUCCAL CAVITY AND PHARYNX	195	21.1	174	18.1	178	18.9
CERVIX	...	...	...	...	...	...
COLON **	436	50.8	421	48.0	393	44.8
CORPUS AND UTERUS NOS	...	...	...	...	...	...
ESOPHAGUS	46	5.1	65	7.2	77	8.2
HODGKIN'S DISEASE	41	3.5	46	3.4	38	2.7
KAPOSI'S SARCOMA ***	136	10.0	173	12.9	173	12.7
KIDNEY AND RENAL PELVIS	140	15.4	157	17.2	150	15.4
LARYNX	80	8.6	82	8.6	70	7.5
LEUKEMIA	181	18.9	169	18.1	182	18.5
LIVER	64	6.4	49	5.3	62	6.6
LUNG & BRONCHUS	858	96.1	883	96.2	798	87.0
MALIGNANT MELANOMA OF THE SKIN	193	19.9	187	18.2	205	20.2
MULTIPLE MYELOMA	61	6.9	47	5.3	67	7.1
NON-HODGKIN'S LYMPHOMA	227	22.9	243	23.9	271	26.6
OVARY	...	...	...	...	...	...
PANCREAS	106	12.0	111	12.4	113	12.9
PROSTATE	2032	232.5	2281	251.4	2037	222.3
RECTUM & RECTOSIGMOID **	187	20.9	173	18.8	148	16.2
STOMACH	109	12.9	91	9.9	114	12.3
TESTIS	69	4.2	75	4.7	85	5.6
THYROID	34	3.1	36	3.5	32	2.8
ALL SARCOMAS ***	218	18.1	264	21.5	271	22.5
ALL OTHER TYPES ****	459	47.0	543	52.8	527	50.8

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 1 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CANCER SITE	1994		1995		1996	
	N	AAIR	N	AAIR	N	AAIR
ALL SITES	5699	594.5	5618	582.8	5779	597.9
BLADDER *	406	46.0	362	39.6	418	45.7
BRAIN AND OTHER CNS	90	8.3	108	10.0	92	8.8
BREAST	8	.s.	11	.s.	7	.s.
BUCCAL CAVITY AND PHARYNX	187	18.6	202	20.0	193	19.8
CERVIX	...	...	...	...	...	...
COLON **	399	42.5	384	41.6	379	41.8
CORPUS AND UTERUS NOS	...	...	...	...	...	...
ESOPHAGUS	71	7.5	72	7.4	85	9.2
HODGKIN'S DISEASE	36	2.7	41	3.3	38	2.9
KAPOSI'S SARCOMA ***	165	11.7	139	10.5	93	6.8
KIDNEY AND RENAL PELVIS	151	16.2	145	15.2	145	15.2
LARYNX	73	7.6	75	7.8	85	9.0
LEUKEMIA	170	17.4	175	18.1	168	16.3
LIVER	64	6.5	80	8.4	63	6.5
LUNG & BRONCHUS	800	86.1	797	84.9	824	86.9
MALIGNANT MELANOMA OF THE SKIN	238	24.1	266	26.6	298	28.7
MULTIPLE MYELOMA	63	6.8	58	6.4	67	7.3
NON-HODGKIN'S LYMPHOMA	256	24.5	276	26.3	289	28.1
OVARY	...	...	...	...	...	...
PANCREAS	108	11.9	125	13.7	116	12.5
PROSTATE	1673	179.7	1585	168.9	1639	173.3
RECTUM & RECTOSIGMOID **	154	16.2	153	16.1	170	17.8
STOMACH	95	10.0	91	9.9	95	9.8
TESTIS	63	4.4	76	5.4	86	6.0
THYROID	36	3.1	34	3.1	44	4.3
ALL SARCOMAS ***	255	20.5	255	21.5	185	15.5
ALL OTHER TYPES ****	558	53.6	502	49.0	478	47.2

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 1 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CANCER SITE	1997		1998		1999	
	N	AAIR	N	AAIR	N	AAIR
ALL SITES	5662	572.3	5979	590.9	6034	568.2
BLADDER *	354	37.7	390	40.7	385	38.3
BRAIN AND OTHER CNS	98	8.8	88	7.6	94	8.1
BREAST	9	.s.	9	.s.	9	.s.
BUCCAL CAVITY AND PHARYNX	198	19.5	183	17.5	204	18.5
CERVIX	...	...	...	...	...	...
COLON **	403	42.8	469	49.2	419	41.0
CORPUS AND UTERUS NOS	...	...	...	...	...	...
ESOPHAGUS	72	7.4	83	8.4	78	7.6
HODGKIN'S DISEASE	32	2.5	36	2.6	38	2.8
KAPOSI'S SARCOMA ***	42	2.9	48	3.6	36	2.7
KIDNEY AND RENAL PELVIS	162	16.2	168	16.3	172	15.7
LARYNX	77	7.9	83	8.0	51	4.8
LEUKEMIA	162	15.8	182	17.8	219	20.2
LIVER	93	9.3	85	8.3	102	9.1
LUNG & BRONCHUS	826	85.3	861	86.9	795	76.7
MALIGNANT MELANOMA OF THE SKIN	303	29.0	318	29.7	386	34.8
MULTIPLE MYELOMA	65	6.7	70	6.8	74	7.1
NON-HODGKIN'S LYMPHOMA	263	25.0	247	22.9	267	24.4
OVARY	...	...	...	...	...	...
PANCREAS	127	13.7	131	13.6	130	12.4
PROSTATE	1564	161.4	1634	164.1	1743	167.8
RECTUM & RECTOSIGMOID **	156	15.8	206	20.0	179	17.2
STOMACH	112	11.5	117	12.5	93	9.0
TESTIS	80	5.5	86	5.9	97	6.3
THYROID	36	3.5	47	4.0	53	4.3
ALL SARCOMAS ***	141	12.2	162	13.6	149	12.2
ALL OTHER TYPES ****	470	46.1	486	47.3	446	41.0

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 1 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CANCER SITE	2000		2001		2002	
	N	AAIR	N	AAIR	N	AAIR
ALL SITES	6036	541.0	6303	552.0	6375	544.5
BLADDER *	392	36.6	379	34.9	352	31.6
BRAIN AND OTHER CNS	95	7.5	95	7.7	108	8.5
BREAST	9	.s.	13	.s.	6	.s.
BUCCAL CAVITY AND PHARYNX	212	18.4	219	18.3	223	18.4
CERVIX	...	...	...	...	...	...
COLON **	414	38.5	461	41.4	405	35.4
CORPUS AND UTERUS NOS	...	...	...	...	...	...
ESOPHAGUS	76	6.8	101	9.0	81	7.2
HODGKIN'S DISEASE	30	2.0	49	3.4	45	3.0
KAPOSI'S SARCOMA ***	27	1.9	31	2.3	34	2.4
KIDNEY AND RENAL PELVIS	190	16.7	171	14.7	205	17.3
LARYNX	71	6.4	64	5.6	61	5.4
LEUKEMIA	212	18.1	204	17.6	186	15.4
LIVER	94	8.2	96	8.2	97	8.1
LUNG & BRONCHUS	855	78.6	793	71.0	786	68.9
MALIGNANT MELANOMA OF THE SKIN	348	29.5	433	36.2	418	34.0
MULTIPLE MYELOMA	76	6.7	48	4.3	71	6.1
NON-HODGKIN'S LYMPHOMA	261	22.5	281	23.6	273	22.5
OVARY	...	...	...	...	...	...
PANCREAS	146	13.3	142	12.7	133	11.7
PROSTATE	1682	154.0	1805	161.9	1903	166.6
RECTUM & RECTOSIGMOID **	196	17.7	191	16.6	212	17.7
STOMACH	110	10.0	110	9.6	92	7.9
TESTIS	67	4.3	70	4.5	75	4.6
THYROID	41	3.2	48	3.8	62	4.5
ALL SARCOMAS ***	147	11.8	129	10.1	149	11.5
ALL OTHER TYPES ****	459	41.1	530	45.8	581	49.2

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

Table 1 (continued)

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CANCER SITE	2003	
	N	AAIR
ALL SITES	6163	513.5
BLADDER *	391	33.9
BRAIN AND OTHER CNS	95	7.3
BREAST	17	1.4
BUCCAL CAVITY AND PHARYNX	215	17.3
CERVIX	...	...
COLON **	433	37.3
CORPUS AND UTERUS NOS	...	...
ESOPHAGUS	84	7.1
HODGKIN'S DISEASE	46	3.3
KAPOSI'S SARCOMA ***	33	2.3
KIDNEY AND RENAL PELVIS	227	18.2
LARYNX	74	6.4
LEUKEMIA	201	16.4
LIVER	117	9.3
LUNG & BRONCHUS	760	65.6
MALIGNANT MELANOMA OF THE SKIN	420	33.7
MULTIPLE MYELOMA	57	4.8
NON-HODGKIN'S LYMPHOMA	271	21.5
OVARY	...	...
PANCREAS	128	11.0
PROSTATE	1634	139.5
RECTUM & RECTOSIGMOID **	177	14.8
STOMACH	102	8.5
TESTIS	113	6.6
THYROID	63	4.8
ALL SARCOMAS ***	146	11.1
ALL OTHER TYPES ****	538	44.9

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 2**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

CALENDAR YEAR:	1988		1989		1990	
	N	AAIR	N	AAIR	N	AAIR
CANCER SITE						
ALL SITES	4417	414.9	4637	420.5	4870	430.6
BLADDER *	101	9.4	111	9.9	123	10.9
BRAIN AND OTHER CNS	65	5.5	85	7.4	57	4.9
BREAST	1307	125.8	1383	129.2	1546	139.5
BUCCAL CAVITY AND PHARYNX	91	8.5	112	10.0	89	7.8
CERVIX	120	11.2	128	11.4	148	12.9
COLON **	370	34.7	423	38.2	408	36.5
CORPUS AND UTERUS NOS	281	26.3	244	21.9	232	20.5
ESOPHAGUS	20	2.0	21	1.8	21	1.8
HODGKIN'S DISEASE	27	2.1	31	2.5	42	3.0
KAPOSI'S SARCOMA ***	...	...	...	...	4	.s.
KIDNEY AND RENAL PELVIS	81	7.8	69	6.3	73	6.4
LARYNX	21	2.1	30	2.7	24	2.3
LEUKEMIA	88	7.8	115	10.0	123	10.7
LIVER	20	1.9	18	1.6	26	2.3
LUNG & BRONCHUS	601	55.9	604	53.5	634	55.3
MALIGNANT MELANOMA OF THE SKIN	116	10.4	126	11.4	96	8.3
MULTIPLE MYELOMA	49	4.7	55	4.7	60	5.3
NON-HODGKIN'S LYMPHOMA	136	12.7	119	10.7	163	14.3
OVARY	201	19.0	191	17.4	215	18.7
PANCREAS	103	9.5	113	10.2	121	10.7
PROSTATE	...	...	...	...	...	...
RECTUM & RECTOSIGMOID **	156	15.0	151	13.9	142	12.3
STOMACH	67	6.3	69	6.2	59	5.2
TESTIS	...	...	...	...	...	...
THYROID	66	5.4	78	6.8	91	7.5
ALL SARCOMAS ***	96	8.6	82	7.3	84	7.3
ALL OTHER TYPES ****	330	30.9	361	32.8	377	33.5

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 2 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

CALENDAR YEAR:	1991		1992		1993	
	N	AAIR	N	AAIR	N	AAIR
CANCER SITE						
ALL SITES	5008	434.5	5079	434.4	5176	438.8
BLADDER *	136	11.8	99	8.5	94	7.9
BRAIN AND OTHER CNS	84	7.1	70	5.6	71	5.8
BREAST	1570	139.3	1663	145.0	1605	138.6
BUCCAL CAVITY AND PHARYNX	89	7.6	83	7.3	98	8.4
CERVIX	132	11.1	142	12.0	139	11.7
COLON **	401	34.9	411	34.8	414	34.9
CORPUS AND UTERUS NOS	286	24.8	256	21.9	301	25.6
ESOPHAGUS	26	2.1	26	2.1	28	2.3
HODGKIN'S DISEASE	24	1.9	34	2.6	26	2.0
KAPOSI'S SARCOMA ***	1	.s.	1	.s.	5	.s.
KIDNEY AND RENAL PELVIS	87	7.8	89	7.6	73	6.2
LARYNX	16	1.3	19	1.6	21	1.8
LEUKEMIA	116	10.0	116	9.7	125	10.3
LIVER	25	2.2	34	3.0	28	2.3
LUNG & BRONCHUS	638	54.7	697	59.1	703	58.9
MALIGNANT MELANOMA OF THE SKIN	123	10.6	133	10.9	148	12.7
MULTIPLE MYELOMA	59	5.0	47	4.1	67	5.7
NON-HODGKIN'S LYMPHOMA	181	15.7	175	15.0	170	14.2
OVARY	232	19.9	221	19.0	231	19.4
PANCREAS	119	10.2	121	10.3	98	8.3
PROSTATE	...	...	...	...	...	...
RECTUM & RECTOSIGMOID **	143	12.3	139	11.7	162	13.9
STOMACH	68	5.9	66	5.7	72	6.0
TESTIS	...	...	...	...	...	...
THYROID	96	7.5	76	6.2	94	7.2
ALL SARCOMAS ***	82	6.9	80	6.6	97	8.1
ALL OTHER TYPES ****	357	30.8	362	30.6	408	34.4

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 2(continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

CANCER SITE	1994		1995		1996	
	N	AAIR	N	AAIR	N	AAIR
ALL SITES	5053	423.9	5059	421.1	5459	450.2
BLADDER *	106	8.7	102	8.3	144	11.8
BRAIN AND OTHER CNS	73	6.1	70	5.5	60	4.7
BREAST	1579	134.9	1583	134.2	1692	142.2
BUCCAL CAVITY AND PHARYNX	99	8.3	93	7.7	115	9.4
CERVIX	139	11.3	112	9.2	134	10.8
COLON **	394	32.6	361	29.8	416	34.0
CORPUS AND UTERUS NOS	323	27.5	281	23.7	293	25.0
ESOPHAGUS	34	2.8	26	2.2	25	2.1
HODGKIN'S DISEASE	19	1.5	23	1.7	28	2.1
KAPOSI'S SARCOMA ***	2	.s.	4	.s.	4	.s.
KIDNEY AND RENAL PELVIS	104	8.9	88	7.4	95	8.0
LARYNX	14	.s.	17	1.5	19	1.6
LEUKEMIA	121	9.8	116	9.4	129	10.2
LIVER	31	2.5	33	2.9	41	3.4
LUNG & BRONCHUS	612	51.2	688	56.8	696	57.0
MALIGNANT MELANOMA OF THE SKIN	145	11.8	203	16.4	204	16.5
MULTIPLE MYELOMA	51	4.3	49	4.1	55	4.6
NON-HODGKIN'S LYMPHOMA	192	16.0	180	15.0	211	17.1
OVARY	245	20.5	210	17.6	222	18.3
PANCREAS	112	9.2	106	8.8	125	10.1
PROSTATE	...	...	...	...	...	...
RECTUM & RECTOSIGMOID **	118	9.8	123	10.3	151	12.5
STOMACH	65	5.5	50	4.1	64	5.1
TESTIS	...	...	...	...	...	...
THYROID	136	11.1	115	9.1	116	9.2
ALL SARCOMAS ***	84	7.0	106	8.6	102	8.5
ALL OTHER TYPES ****	341	28.4	430	35.4	424	34.8

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (.s.,&.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 2 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

CANCER SITE	1997		1998		1999	
	N	AAIR	N	AAIR	N	AAIR
ALL SITES	5416	433.3	5614	436.0	5663	424.7
BLADDER *	122	9.6	112	8.5	117	8.6
BRAIN AND OTHER CNS	60	4.7	83	6.5	68	5.0
BREAST	1774	145.1	1830	144.4	1902	144.9
BUCCAL CAVITY AND PHARYNX	93	7.5	94	7.3	100	7.5
CERVIX	127	9.9	139	10.6	114	8.5
COLON **	414	32.8	411	31.6	423	30.9
CORPUS AND UTERUS NOS	271	21.9	284	22.4	300	22.7
ESOPHAGUS	32	2.5	36	2.8	31	2.3
HODGKIN'S DISEASE	30	2.2	33	2.4	22	1.6
KAPOSI'S SARCOMA ***	2	.s.	1	.s.	3	.s.
KIDNEY AND RENAL PELVIS	77	6.2	96	7.5	102	7.7
LARYNX	11	.s.	22	1.7	22	1.6
LEUKEMIA	146	11.4	136	10.3	120	8.8
LIVER	33	2.6	41	3.2	45	3.3
LUNG & BRONCHUS	680	53.9	658	50.9	660	49.5
MALIGNANT MELANOMA OF THE SKIN	208	16.3	233	17.8	215	15.9
MULTIPLE MYELOMA	51	4.1	52	4.0	71	5.3
NON-HODGKIN'S LYMPHOMA	199	15.6	213	16.5	174	13.0
OVARY	205	16.4	254	19.9	254	19.1
PANCREAS	137	10.9	133	10.1	139	10.2
PROSTATE	...	...	...	...	...	...
RECTUM & RECTOSIGMOID **	151	12.0	130	10.0	129	9.6
STOMACH	60	4.7	70	5.4	77	5.7
TESTIS	...	...	...	...	...	...
THYROID	121	9.3	144	10.8	147	10.9
ALL SARCOMAS ***	96	7.5	116	8.9	106	7.8
ALL OTHER TYPES ****	414	32.8	410	31.4	431	32.0

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

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Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 2(continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

CANCER SITE	2000		2001		2002	
	N	AAIR	N	AAIR	N	AAIR
ALL SITES	5773	415.4	5932	417.2	5898	405.4
BLADDER *	127	9.0	121	8.3	136	9.3
BRAIN AND OTHER CNS	64	4.6	81	5.7	91	6.3
BREAST	1879	137.7	1939	138.2	1842	128.1
BUCCAL CAVITY AND PHARYNX	89	6.3	93	6.5	101	7.0
CERVIX	102	7.3	99	7.0	98	6.7
COLON **	426	29.5	424	29.2	396	26.7
CORPUS AND UTERUS NOS	248	18.2	328	23.3	282	19.7
ESOPHAGUS	32	2.3	25	1.8	35	2.4
HODGKIN'S DISEASE	28	1.9	39	2.7	36	2.4
KAPOSI'S SARCOMA ***	3	.s.	2	.s.	2	.s.
KIDNEY AND RENAL PELVIS	101	7.2	108	7.6	101	6.9
LARYNX	21	1.6	20	1.4	13	.s.
LEUKEMIA	142	10.1	131	9.2	146	9.9
LIVER	47	3.4	41	2.9	52	3.6
LUNG & BRONCHUS	747	53.7	722	51.1	711	48.9
MALIGNANT MELANOMA OF THE SKIN	290	20.6	293	20.5	315	21.5
MULTIPLE MYELOMA	48	3.4	57	4.0	61	4.2
NON-HODGKIN'S LYMPHOMA	217	15.4	203	14.0	236	16.1
OVARY	225	16.3	244	17.2	250	17.2
PANCREAS	168	11.8	143	9.7	163	11.0
PROSTATE	...	...	...	...	...	...
RECTUM & RECTOSIGMOID **	138	9.8	135	9.4	151	10.4
STOMACH	70	5.0	67	4.6	69	4.6
TESTIS	...	...	...	...	...	...
THYROID	132	9.5	148	10.3	157	10.7
ALL SARCOMAS ***	115	8.2	128	9.0	112	7.8
ALL OTHER TYPES ****	432	30.6	471	32.6	456	30.9

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

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Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

Table 2 (continued)

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

	<b>2003</b>	
<b>CANCER SITE</b>	<b>N</b>	<b>AAIR</b>
ALL SITES	5811	390.1
BLADDER *	101	6.7
BRAIN AND OTHER CNS	84	5.6
BREAST	1835	124.6
BUCCAL CAVITY AND PHARYNX	79	5.2
CERVIX	112	7.6
COLON **	402	26.3
CORPUS AND UTERUS NOS	285	19.3
ESOPHAGUS	21	1.4
HODGKIN'S DISEASE	38	2.4
KAPOSI'S SARCOMA ***	2	.s.
KIDNEY AND RENAL PELVIS	113	7.6
LARYNX	11	.s.
LEUKEMIA	144	9.6
LIVER	60	4.1
LUNG & BRONCHUS	696	47.0
MALIGNANT MELANOMA OF THE SKIN	325	21.9
MULTIPLE MYELOMA	53	3.5
NON-HODGKIN'S LYMPHOMA	203	13.5
OVARY	232	15.5
PANCREAS	157	10.5
PROSTATE	...	...
RECTUM & RECTOSIGMOID **	133	8.8
STOMACH	62	4.2
TESTIS	...	...
THYROID	162	10.7
ALL SARCOMAS ***	120	8.1
ALL OTHER TYPES ****	503	33.2

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

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\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

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**Table 3**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

CALENDAR YEAR:	1988		1989		1990	
	N	AAIR	N	AAIR	N	AAIR
<b>CANCER SITE</b>						
ALL SITES	9206	477.5	9537	475.2	10365	505.6
BLADDER *	425	22.4	407	20.8	481	24.3
BRAIN AND OTHER CNS	143	6.8	162	7.6	146	6.7
BREAST	1314	69.4	1398	71.3	1554	77.1
BUCCAL CAVITY AND PHARYNX	253	13.0	283	13.8	259	12.5
CERVIX	120	5.7	128	6.0	148	6.7
COLON **	748	40.5	800	41.5	831	43.0
CORPUS AND UTERUS NOS	281	14.7	244	12.1	232	11.3
ESOPHAGUS	83	4.3	78	3.8	81	3.9
HODGKIN'S DISEASE	64	2.5	75	2.9	81	3.1
KAPOSI'S SARCOMA ***	120	4.8	126	5.0	153	5.9
KIDNEY AND RENAL PELVIS	191	10.1	179	9.2	206	10.2
LARYNX	93	4.8	123	5.9	80	3.9
LEUKEMIA	217	10.7	266	13.0	295	14.4
LIVER	64	3.4	55	2.7	91	4.4
LUNG & BRONCHUS	1436	74.8	1380	69.0	1538	75.8
MALIGNANT MELANOMA OF THE SKIN	308	15.1	281	13.5	279	12.9
MULTIPLE MYELOMA	90	4.8	113	5.7	113	5.7
NON-HODGKIN'S LYMPHOMA	316	16.2	330	16.1	380	18.1
OVARY	201	10.4	191	9.4	215	10.1
PANCREAS	210	11.3	222	11.6	238	11.9
PROSTATE	1249	65.8	1271	63.0	1584	77.6
RECTUM & RECTOSIGMOID **	331	17.7	345	17.5	277	13.7
STOMACH	178	9.4	185	9.5	175	8.7
TESTIS	62	2.3	66	2.4	93	3.3
THYROID	97	4.2	112	5.0	121	5.1
ALL SARCOMAS ***	264	11.8	282	12.2	306	12.8
ALL OTHER TYPES ****	732	37.1	843	41.7	867	41.3

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

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\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

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Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 3 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

CALENDAR YEAR:	1991		1992		1993	
	N	AAIR	N	AAIR	N	AAIR
<b>CANCER SITE</b>						
ALL SITES	10994	524.2	11377	532.7	11206	520.1
BLADDER *	517	25.3	475	23.0	475	22.5
BRAIN AND OTHER CNS	162	7.4	154	6.6	163	7.1
BREAST	1579	76.8	1668	79.6	1615	76.1
BUCCAL CAVITY AND PHARYNX	284	13.4	257	12.1	276	13.1
CERVIX	132	5.8	142	6.2	139	5.9
COLON **	837	41.6	832	40.5	807	38.7
CORPUS AND UTERUS NOS	286	13.7	256	12.1	301	14.1
ESOPHAGUS	72	3.4	91	4.4	105	5.0
HODGKIN'S DISEASE	65	2.6	80	3.0	64	2.4
KAPOSI'S SARCOMA ***	137	5.1	174	6.5	178	6.6
KIDNEY AND RENAL PELVIS	227	11.0	246	11.6	223	10.3
LARYNX	96	4.5	101	4.7	91	4.3
LEUKEMIA	297	13.9	285	13.4	307	13.7
LIVER	89	4.1	83	4.0	90	4.2
LUNG & BRONCHUS	1496	71.9	1580	74.9	1501	70.7
MALIGNANT MELANOMA OF THE SKIN	316	14.6	320	14.0	353	15.8
MULTIPLE MYELOMA	120	5.9	94	4.6	134	6.4
NON-HODGKIN'S LYMPHOMA	408	18.9	418	19.2	441	20.1
OVARY	232	10.8	221	10.4	231	10.6
PANCREAS	225	11.0	232	11.1	211	10.2
PROSTATE	2032	96.9	2281	106.4	2037	94.8
RECTUM & RECTOSIGMOID **	330	16.0	312	14.8	310	14.9
STOMACH	177	8.9	157	7.6	186	8.8
TESTIS	69	2.2	75	2.4	85	2.9
THYROID	130	5.3	112	4.7	126	5.0
ALL SARCOMAS ***	300	12.5	344	13.9	368	15.1
ALL OTHER TYPES ****	816	38.1	905	41.0	935	42.3

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

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Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 3 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

CANCER SITE	1994		1995		1996	
	N	AAIR	N	AAIR	N	AAIR
ALL SITES	10752	494.3	10677	488.1	11238	510.4
BLADDER *	512	24.3	464	21.7	562	26.0
BRAIN AND OTHER CNS	163	7.1	178	7.6	152	6.6
BREAST	1587	73.7	1594	73.6	1699	77.7
BUCCAL CAVITY AND PHARYNX	286	13.1	295	13.4	308	14.0
CERVIX	139	5.8	112	4.8	134	5.5
COLON **	793	37.1	745	35.1	795	37.2
CORPUS AND UTERUS NOS	323	15.2	281	13.0	293	13.7
ESOPHAGUS	105	4.9	98	4.5	110	5.1
HODGKIN'S DISEASE	55	2.1	64	2.5	66	2.5
KAPOSI'S SARCOMA ***	167	6.0	143	5.4	97	3.6
KIDNEY AND RENAL PELVIS	255	12.0	233	10.9	240	11.1
LARYNX	87	4.0	92	4.3	104	4.9
LEUKEMIA	291	13.2	291	13.1	297	12.9
LIVER	95	4.3	113	5.3	104	4.8
LUNG & BRONCHUS	1412	66.1	1485	68.8	1520	70.0
MALIGNANT MELANOMA OF THE SKIN	383	17.1	469	20.6	502	21.7
MULTIPLE MYELOMA	114	5.4	107	5.1	122	5.8
NON-HODGKIN'S LYMPHOMA	448	20.2	456	20.3	500	22.1
OVARY	245	11.2	210	9.5	222	10.0
PANCREAS	220	10.4	231	10.8	241	11.3
PROSTATE	1673	77.3	1585	73.2	1639	75.2
RECTUM & RECTOSIGMOID **	272	12.7	276	12.8	321	14.8
STOMACH	160	7.6	141	6.6	159	7.3
TESTIS	63	2.2	76	2.7	86	3.1
THYROID	172	7.1	149	6.0	160	6.6
ALL SARCOMAS ***	339	13.6	361	14.8	287	11.9
ALL OTHER TYPES ****	899	40.1	932	41.7	902	40.4

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (s., &) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 3 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

CANCER SITE	1997		1998		1999	
	N	AAIR	N	AAIR	N	AAIR
ALL SITES	11078	489.1	11593	498.3	11697	482.8
BLADDER *	476	21.4	502	22.0	502	21.1
BRAIN AND OTHER CNS	158	6.5	171	7.0	162	6.4
BREAST	1783	79.2	1839	79.0	1911	78.9
BUCCAL CAVITY AND PHARYNX	291	12.9	277	11.9	304	12.6
CERVIX	127	5.0	139	5.5	114	4.4
COLON **	817	37.0	880	38.8	842	35.3
CORPUS AND UTERUS NOS	271	12.1	284	12.4	300	12.5
ESOPHAGUS	104	4.7	119	5.2	109	4.6
HODGKIN'S DISEASE	62	2.4	69	2.5	60	2.2
KAPOSI'S SARCOMA ***	44	1.6	49	1.8	39	1.4
KIDNEY AND RENAL PELVIS	239	10.6	264	11.3	274	11.3
LARYNX	88	3.9	105	4.5	73	3.0
LEUKEMIA	308	13.2	318	13.4	339	13.7
LIVER	126	5.6	126	5.4	147	6.1
LUNG & BRONCHUS	1506	67.3	1519	66.2	1455	61.0
MALIGNANT MELANOMA OF THE SKIN	511	21.6	551	22.7	601	24.0
MULTIPLE MYELOMA	116	5.2	122	5.3	145	6.1
NON-HODGKIN'S LYMPHOMA	462	20.0	460	19.4	441	18.0
OVARY	205	8.9	254	10.8	254	10.4
PANCREAS	264	12.0	264	11.7	269	11.2
PROSTATE	1564	70.1	1634	71.4	1743	73.3
RECTUM & RECTOSIGMOID **	307	13.8	336	14.6	308	12.8
STOMACH	172	7.6	187	8.3	170	7.1
TESTIS	80	2.8	86	3.0	97	3.2
THYROID	157	6.3	191	7.4	200	7.6
ALL SARCOMAS ***	237	9.8	278	11.1	255	9.9
ALL OTHER TYPES ****	884	38.7	896	38.3	877	35.8

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

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Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 3(continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

CANCER SITE	2000		2001		2002	
	N	AAIR	N	AAIR	N	AAIR
ALL SITES	11809	466.5	12235	472.7	12273	463.0
BLADDER *	519	20.7	500	19.6	488	18.7
BRAIN AND OTHER CNS	159	6.0	176	6.5	199	7.3
BREAST	1888	74.4	1952	74.8	1848	69.1
BUCCAL CAVITY AND PHARYNX	301	11.9	312	12.0	324	12.2
CERVIX	102	3.8	99	3.6	98	3.4
COLON **	840	33.4	885	34.5	801	30.5
CORPUS AND UTERUS NOS	248	9.9	328	12.7	282	10.6
ESOPHAGUS	108	4.3	126	5.0	116	4.5
HODGKIN'S DISEASE	58	2.0	88	3.0	81	2.7
KAPOSI'S SARCOMA ***	30	1.1	33	1.2	36	1.2
KIDNEY AND RENAL PELVIS	291	11.5	279	10.8	306	11.5
LARYNX	92	3.7	84	3.3	74	2.8
LEUKEMIA	354	13.7	335	12.7	332	12.4
LIVER	141	5.6	137	5.3	149	5.7
LUNG & BRONCHUS	1602	64.3	1515	59.6	1497	57.6
MALIGNANT MELANOMA OF THE SKIN	638	24.3	726	27.2	733	26.8
MULTIPLE MYELOMA	124	4.9	105	4.1	132	5.0
NON-HODGKIN'S LYMPHOMA	478	18.7	484	18.4	509	19.0
OVARY	225	8.8	244	9.2	250	9.2
PANCREAS	314	12.6	285	11.1	296	11.3
PROSTATE	1682	68.1	1805	71.8	1903	73.9
RECTUM & RECTOSIGMOID **	334	13.3	326	12.7	363	13.8
STOMACH	180	7.1	177	6.9	161	6.1
TESTIS	67	2.2	70	2.3	75	2.4
THYROID	173	6.4	196	7.0	219	7.6
ALL SARCOMAS ***	262	9.8	257	9.5	261	9.5
ALL OTHER TYPES ****	891	35.1	1001	38.4	1037	38.9

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (s., &) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 3 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Incidence Counts and Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

	<b>2003</b>	
<b>CANCER SITE</b>	<b>N</b>	<b>AAIR</b>
ALL SITES	11974	441.8
BLADDER *	492	18.4
BRAIN AND OTHER CNS	179	6.4
BREAST	1852	67.6
BUCCAL CAVITY AND PHARYNX	294	10.8
CERVIX	112	3.9
COLON **	835	31.2
CORPUS AND UTERUS NOS	285	10.4
ESOPHAGUS	105	3.9
HODGKIN'S DISEASE	84	2.8
KAPOSI'S SARCOMA ***	35	1.2
KIDNEY AND RENAL PELVIS	340	12.5
LARYNX	85	3.2
LEUKEMIA	345	12.6
LIVER	177	6.6
LUNG & BRONCHUS	1456	55.2
MALIGNANT MELANOMA OF THE SKIN	745	26.8
MULTIPLE MYELOMA	110	4.1
NON-HODGKIN'S LYMPHOMA	474	17.2
OVARY	232	8.3
PANCREAS	285	10.7
PROSTATE	1634	62.3
RECTUM & RECTOSIGMOID **	310	11.6
STOMACH	164	6.1
TESTIS	113	3.4
THYROID	225	7.7
ALL SARCOMAS ***	266	9.4
ALL OTHER TYPES ****	1041	38.1

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Cases of KAPOSI'S SARCOMA, while presented separately, are also counted among the appropriate anatomic sites. Therefore, the sum of site-specific counts in any column of this table exceeds the figure given for ALL SITES by the number shown for KAPOSI'S SARCOMA.

\*\*\*\* Five-year aggregate data for some cancer types not shown here may be found in Table 34, page 110.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 4**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CALENDAR YEAR:	1988		1989		1990	
	N	AAMR	N	AAMR	N	AAMR
CANCER SITE						
ALL SITES	1993	255.2	2083	255.5	2162	265.5
BLADDER *	50	6.9	52	6.8	60	8.8
BRAIN AND OTHER CNS	56	7.3	47	5.1	50	5.4
BREAST	4	.s.	1	.s.	1	.s.
BUCCAL CAVITY AND PHARYNX	39	4.8	43	4.9	41	4.5
CERVIX	...	...	...	...	...	...
COLON **	166	21.5	175	22.4	181	23.3
CORPUS AND UTERUS NOS	...	...	...	...	...	...
ESOPHAGUS	59	6.9	59	6.9	56	6.5
HODGKIN'S DISEASE	8	.s.	6	.s.	6	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	44	5.4	46	5.0	39	4.8
LARYNX	20	2.6	18	2.2	19	2.4
LEUKEMIA	90	11.4	95	11.1	92	11.2
LIVER	33	3.8	37	4.5	48	5.5
LUNG & BRONCHUS	617	77.4	644	75.8	668	79.2
MALIGNANT MELANOMA OF THE SKIN	43	4.8	60	6.9	54	6.3
MULTIPLE MYELOMA	19	2.5	35	4.3	33	4.2
NON-HODGKIN'S LYMPHOMA	76	9.8	88	11.2	79	8.8
OVARY	...	...	...	...	...	...
PANCREAS	83	10.3	112	13.6	113	13.8
PROSTATE	254	36.9	257	36.4	264	37.4
RECTUM & RECTOSIGMOID **	33	4.3	19	2.4	46	5.4
STOMACH	70	8.7	70	9.2	91	10.9
TESTIS	4	.s.	4	.s.	5	.s.
THYROID	9	.s.	5	.s.	4	.s.
ALL OTHER TYPES ****	216	27.0	210	25.3	212	25.4

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

Table 4 (continued)

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CALENDAR YEAR:	1991		1992		1993	
	N	AAMR	N	AAMR	N	AAMR
CANCER SITE						
ALL SITES	2234	263.6	2221	252.8	2158	244.7
BLADDER *	58	7.5	71	9.1	68	8.7
BRAIN AND OTHER CNS	61	6.2	51	5.2	75	7.5
BREAST	...	...	5	.s.	3	.s.
BUCCAL CAVITY AND PHARYNX	40	4.5	49	5.2	44	4.8
CERVIX	...	...	...	...	...	...
COLON **	173	21.2	173	20.4	162	18.8
CORPUS AND UTERUS NOS	...	...	...	...	...	...
ESOPHAGUS	52	5.4	62	7.1	65	7.4
HODGKIN'S DISEASE	9	.s.	4	.s.	7	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	60	7.1	66	7.3	49	5.3
LARYNX	25	2.8	14	.s.	15	1.7
LEUKEMIA	95	11.3	93	10.7	88	9.8
LIVER	47	5.0	48	4.9	51	5.3
LUNG & BRONCHUS	652	73.8	647	71.7	641	71.1
MALIGNANT MELANOMA OF THE SKIN	43	5.0	51	5.2	38	4.0
MULTIPLE MYELOMA	42	4.7	39	4.2	31	3.5
NON-HODGKIN'S LYMPHOMA	84	9.3	93	10.5	76	8.1
OVARY	...	...	...	...	...	...
PANCREAS	86	9.6	113	12.7	97	11.2
PROSTATE	336	45.5	289	37.1	314	40.3
RECTUM & RECTOSIGMOID **	45	5.3	46	4.9	42	4.6
STOMACH	79	10.0	71	7.8	60	6.5
TESTIS	4	.s.	6	.s.	4	.s.
THYROID	5	.s.	2	.s.	4	.s.
ALL OTHER TYPES ****	238	28.0	228	25.5	224	24.7

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 4 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CANCER SITE	1994		1995		1996	
	N	AAMR	N	AAMR	N	AAMR
ALL SITES	2229	248.6	2157	238.7	2250	246.0
BLADDER *	80	9.7	62	7.3	79	9.9
BRAIN AND OTHER CNS	66	6.7	68	6.7	69	7.0
BREAST	2	.s.	4	.s.	2	.s.
BUCCAL CAVITY AND PHARYNX	37	4.0	35	3.7	43	4.4
CERVIX	...	...	...	...	...	...
COLON **	159	17.9	168	19.0	189	21.0
CORPUS AND UTERUS NOS	...	...	...	...	...	...
ESOPHAGUS	65	6.9	69	7.4	63	6.7
HODGKIN'S DISEASE	6	.s.	9	.s.	5	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	60	6.6	46	5.2	65	7.1
LARYNX	13	.s.	19	2.1	22	2.3
LEUKEMIA	92	9.8	111	11.6	105	11.0
LIVER	44	4.5	54	5.7	41	4.4
LUNG & BRONCHUS	660	72.2	589	64.5	625	66.9
MALIGNANT MELANOMA OF THE SKIN	50	5.4	47	5.0	48	5.1
MULTIPLE MYELOMA	40	4.4	55	6.1	28	3.3
NON-HODGKIN'S LYMPHOMA	102	10.8	109	11.6	107	10.9
OVARY	...	...	...	...	...	...
PANCREAS	105	11.9	112	12.6	90	9.6
PROSTATE	298	37.3	283	34.5	287	34.6
RECTUM & RECTOSIGMOID **	36	4.0	33	3.6	43	4.8
STOMACH	61	6.7	59	6.3	61	6.6
TESTIS	3	.s.	4	.s.	5	.s.
THYROID	4	.s.	6	.s.	2	.s.
ALL OTHER TYPES ****	246	27.2	215	23.6	271	29.2

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

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Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

Table 4 (continued)

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CANCER SITE	1997		1998		1999	
	N	AAMR	N	AAMR	N	AAMR
ALL SITES	2309	246.8	2253	234.4	2435	239.8
BLADDER *	95	11.1	66	7.2	68	7.0
BRAIN AND OTHER CNS	61	6.2	71	6.6	90	8.1
BREAST	1	.s.	4	.s.	3	.s.
BUCCAL CAVITY AND PHARYNX	35	3.7	45	4.4	42	4.0
CERVIX	...	...	...	...	...	...
COLON **	168	17.9	172	18.2	174	17.3
CORPUS AND UTERUS NOS	...	...	...	...	...	...
ESOPHAGUS	67	7.1	74	7.4	62	6.2
HODGKIN'S DISEASE	5	.s.	10	.s.	6	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	47	5.0	61	6.2	59	5.9
LARYNX	18	2.0	15	1.5	15	1.5
LEUKEMIA	95	10.5	93	9.3	132	12.6
LIVER	74	7.3	57	5.6	70	6.4
LUNG & BRONCHUS	667	69.5	640	65.7	655	63.8
MALIGNANT MELANOMA OF THE SKIN	73	7.0	70	6.9	59	5.5
MULTIPLE MYELOMA	43	4.6	44	4.6	60	5.9
NON-HODGKIN'S LYMPHOMA	112	11.2	105	10.0	118	11.1
OVARY	...	...	...	...	...	...
PANCREAS	99	10.6	112	12.2	137	13.3
PROSTATE	294	35.3	266	31.4	297	32.3
RECTUM & RECTOSIGMOID **	31	3.3	38	3.9	35	3.5
STOMACH	65	6.9	69	7.3	54	5.2
TESTIS	4	.s.	3	.s.	5	.s.
THYROID	7	.s.	4	.s.	5	.s.
ALL OTHER TYPES ****	248	26.0	234	24.2	289	28.8

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

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Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 4 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CANCER SITE	2000		2001		2002	
	N	AAMR	N	AAMR	N	AAMR
ALL SITES	2372	222.8	2389	217.8	2331	206.8
BLADDER *	65	6.4	65	6.2	66	6.1
BRAIN AND OTHER CNS	71	6.2	79	6.5	77	6.5
BREAST	...	...	5	.s.	2	.s.
BUCCAL CAVITY AND PHARYNX	46	4.3	41	3.6	35	3.0
CERVIX	...	...	...	...	...	...
COLON **	176	17.0	187	17.2	169	14.8
CORPUS AND UTERUS NOS	...	...	...	...	...	...
ESOPHAGUS	72	6.5	95	8.6	81	7.3
HODGKIN'S DISEASE	4	.s.	6	.s.	5	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	63	5.9	61	5.4	56	5.0
LARYNX	16	1.6	20	1.8	19	1.7
LEUKEMIA	104	9.4	132	11.7	108	9.5
LIVER	73	6.6	58	5.0	76	6.5
LUNG & BRONCHUS	681	63.5	647	58.9	620	54.9
MALIGNANT MELANOMA OF THE SKIN	47	4.4	62	5.6	62	5.1
MULTIPLE MYELOMA	44	4.1	41	3.7	42	3.7
NON-HODGKIN'S LYMPHOMA	122	11.0	109	10.1	97	8.5
OVARY	...	...	...	...	...	...
PANCREAS	125	11.5	132	12.0	147	13.1
PROSTATE	292	29.7	287	28.2	274	26.1
RECTUM & RECTOSIGMOID **	44	4.0	32	3.0	37	3.3
STOMACH	51	4.8	64	5.9	63	5.5
TESTIS	8	.s.	3	.s.	4	.s.
THYROID	6	.s.	7	.s.	4	.s.
ALL OTHER TYPES ****	262	24.4	256	22.8	287	25.3

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

Table 4 (continued)

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male Residents of San Diego County**

CANCER SITE	2003	
	N	AAMR
ALL SITES	2400	209.8
BLADDER *	74	6.6
BRAIN AND OTHER CNS	79	6.4
BREAST	1	.s.
BUCCAL CAVITY AND PHARYNX	53	4.5
CERVIX	...	...
COLON **	177	15.7
CORPUS AND UTERUS NOS	...	...
ESOPHAGUS	68	5.7
HODGKIN'S DISEASE	6	.s.
KAPOSI'S SARCOMA ***	...	...
KIDNEY AND RENAL PELVIS	55	4.8
LARYNX	23	2.0
LEUKEMIA	108	9.1
LIVER	82	6.8
LUNG & BRONCHUS	630	55.1
MALIGNANT MELANOMA OF THE SKIN	49	4.4
MULTIPLE MYELOMA	48	4.4
NON-HODGKIN'S LYMPHOMA	102	9.0
OVARY	...	...
PANCREAS	124	10.8
PROSTATE	312	29.1
RECTUM & RECTOSIGMOID **	34	3.0
STOMACH	68	5.8
TESTIS	2	.s.
THYROID	6	.s.
ALL OTHER TYPES ****	299	25.5

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N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 5**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

CALENDAR YEAR:	1988		1989		1990	
	N	AAMR	N	AAMR	N	AAMR
<b>CANCER SITE</b>						
ALL SITES	1860	175.6	1930	173.5	2002	178.1
BLADDER *	23	2.2	21	1.9	26	2.4
BRAIN AND OTHER CNS	26	2.5	44	4.1	51	4.4
BREAST	345	33.5	328	30.4	382	34.6
BUCCAL CAVITY AND PHARYNX	29	2.7	28	2.3	25	2.2
CERVIX	34	3.4	35	3.0	32	3.0
COLON **	177	16.5	174	15.5	192	17.5
CORPUS AND UTERUS NOS	51	4.7	45	4.0	42	3.8
ESOPHAGUS	14	.s.	22	2.0	13	.s.
HODGKIN'S DISEASE	3	.s.	4	.s.	3	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	32	3.0	32	3.0	27	2.4
LARYNX	9	.s.	5	.s.	7	.s.
LEUKEMIA	51	4.8	76	6.9	77	6.8
LIVER	26	2.5	21	1.9	25	2.2
LUNG & BRONCHUS	442	41.3	478	42.1	476	41.9
MALIGNANT MELANOMA OF THE SKIN	23	2.2	22	1.8	21	1.8
MULTIPLE MYELOMA	20	1.9	28	2.6	45	3.8
NON-HODGKIN'S LYMPHOMA	71	6.6	70	6.4	66	5.9
OVARY	103	9.6	107	9.8	103	8.9
PANCREAS	101	9.6	93	8.3	104	9.0
PROSTATE	...	...	...	...	...	...
RECTUM & RECTOSIGMOID **	23	2.2	24	2.2	34	3.0
STOMACH	41	3.8	48	4.2	47	4.1
TESTIS	...	...	...	...	...	...
THYROID	5	.s.	9	.s.	6	.s.
ALL OTHER TYPES ****	211	19.8	216	19.5	198	17.6

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

Table 5 (continued)

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

CALENDAR YEAR:	1991		1992		1993	
	N	AAMR	N	AAMR	N	AAMR
CANCER SITE						
ALL SITES	2042	177.7	2037	173.7	2193	185.4
BLADDER *	22	1.9	24	2.0	27	2.2
BRAIN AND OTHER CNS	42	3.6	65	5.4	42	3.6
BREAST	371	32.7	345	29.9	393	33.5
BUCCAL CAVITY AND PHARYNX	27	2.3	30	2.5	25	2.2
CERVIX	40	3.9	44	3.8	32	2.9
COLON **	174	15.5	194	16.6	190	16.0
CORPUS AND UTERUS NOS	39	3.3	63	5.3	41	3.5
ESOPHAGUS	14	.s.	24	2.0	22	1.8
HODGKIN'S DISEASE	8	.s.	5	.s.	5	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	29	2.5	29	2.4	31	2.7
LARYNX	7	.s.	8	.s.	6	.s.
LEUKEMIA	73	6.2	74	6.2	81	6.7
LIVER	27	2.3	22	1.9	28	2.3
LUNG & BRONCHUS	490	42.0	486	41.4	566	47.1
MALIGNANT MELANOMA OF THE SKIN	27	2.5	18	1.6	28	2.3
MULTIPLE MYELOMA	42	3.7	41	3.5	31	2.6
NON-HODGKIN'S LYMPHOMA	84	7.2	68	5.8	73	6.2
OVARY	113	9.8	100	8.6	142	12.3
PANCREAS	115	9.9	116	9.9	95	8.1
PROSTATE	...	...	...	...	...	...
RECTUM & RECTOSIGMOID **	28	2.5	32	2.8	37	3.2
STOMACH	37	3.2	44	3.7	54	4.6
TESTIS	...	...	...	...	...	...
THYROID	4	.s.	6	.s.	9	.s.
ALL OTHER TYPES ****	229	19.8	199	16.7	235	20.1

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s.,&.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 5 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

CANCER SITE	1994		1995		1996	
	N	AAMR	N	AAMR	N	AAMR
ALL SITES	2146	179.1	2175	179.4	2097	171.6
BLADDER *	18	1.5	19	1.5	34	2.7
BRAIN AND OTHER CNS	57	4.8	46	3.7	61	5.0
BREAST	374	31.5	411	34.3	370	31.0
BUCCAL CAVITY AND PHARYNX	20	1.7	25	2.1	29	2.3
CERVIX	35	3.0	41	3.5	21	1.8
COLON **	168	13.9	172	14.2	145	11.8
CORPUS AND UTERUS NOS	46	3.8	47	3.9	40	3.3
ESOPHAGUS	22	1.8	34	2.8	24	2.0
HODGKIN'S DISEASE	6	.s.	4	.s.	5	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	28	2.5	42	3.5	40	3.3
LARYNX	5	.s.	7	.s.	4	.s.
LEUKEMIA	82	6.8	67	5.4	81	6.5
LIVER	19	1.6	31	2.7	30	2.5
LUNG & BRONCHUS	506	41.9	517	42.5	508	41.3
MALIGNANT MELANOMA OF THE SKIN	21	1.7	25	2.0	19	1.5
MULTIPLE MYELOMA	46	3.8	38	3.1	44	3.6
NON-HODGKIN'S LYMPHOMA	86	7.1	92	7.6	98	7.9
OVARY	143	12.0	130	10.6	135	11.1
PANCREAS	113	9.4	106	8.7	111	9.0
PROSTATE	...	...	...	...	...	...
RECTUM & RECTOSIGMOID **	31	2.6	27	2.3	29	2.4
STOMACH	51	4.3	52	4.3	35	2.9
TESTIS	...	...	...	...	...	...
THYROID	5	.s.	2	.s.	6	.s.
ALL OTHER TYPES ****	264	22.2	240	19.8	228	18.7

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

Table 5 (continued)

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

CANCER SITE	1997		1998		1999	
	N	AAMR	N	AAMR	N	AAMR
ALL SITES	2173	172.2	2139	164.4	2156	159.2
BLADDER *	35	2.7	30	2.3	26	1.9
BRAIN AND OTHER CNS	44	3.4	62	4.8	68	5.1
BREAST	347	28.0	382	29.9	344	25.9
BUCCAL CAVITY AND PHARYNX	21	1.6	28	2.1	16	1.2
CERVIX	33	2.8	43	3.4	36	2.7
COLON **	165	13.0	184	14.0	154	11.2
CORPUS AND UTERUS NOS	53	4.2	46	3.5	49	3.6
ESOPHAGUS	28	2.2	25	1.9	30	2.2
HODGKIN'S DISEASE	8	.s.	7	.s.	6	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	35	2.8	34	2.6	36	2.7
LARYNX	8	.s.	10	.s.	8	.s.
LEUKEMIA	76	6.0	73	5.5	69	5.0
LIVER	30	2.3	27	2.1	40	2.9
LUNG & BRONCHUS	533	42.1	492	37.8	525	38.7
MALIGNANT MELANOMA OF THE SKIN	27	2.2	30	2.4	25	1.9
MULTIPLE MYELOMA	39	3.0	32	2.5	42	3.1
NON-HODGKIN'S LYMPHOMA	114	9.0	89	6.7	89	6.5
OVARY	137	10.8	120	9.3	139	10.3
PANCREAS	123	9.8	123	9.2	130	9.5
PROSTATE	...	...	...	...	...	...
RECTUM & RECTOSIGMOID **	21	1.7	29	2.3	34	2.5
STOMACH	46	3.6	37	2.8	46	3.4
TESTIS	...	...	...	...	...	...
THYROID	9	.s.	4	.s.	3	.s.
ALL OTHER TYPES ****	241	19.0	232	17.7	241	17.8

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 5 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

CANCER SITE	2000		2001		2002	
	N	AAMR	N	AAMR	N	AAMR
ALL SITES	2351	166.0	2277	157.6	2253	152.3
BLADDER *	33	2.3	29	1.9	33	2.1
BRAIN AND OTHER CNS	53	3.8	42	3.0	50	3.4
BREAST	415	29.7	373	26.2	407	27.8
BUCCAL CAVITY AND PHARYNX	24	1.8	32	2.2	31	2.1
CERVIX	34	2.5	46	3.2	27	1.8
COLON **	190	13.1	176	11.9	197	13.1
CORPUS AND UTERUS NOS	42	3.0	62	4.3	69	4.7
ESOPHAGUS	27	1.9	26	1.8	24	1.6
HODGKIN'S DISEASE	6	.s.	6	.s.	5	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	25	1.8	45	3.1	25	1.7
LARYNX	9	.s.	4	.s.	6	.s.
LEUKEMIA	87	6.1	57	4.0	77	5.1
LIVER	37	2.6	31	2.1	34	2.4
LUNG & BRONCHUS	565	40.1	580	40.6	526	35.9
MALIGNANT MELANOMA OF THE SKIN	32	2.2	28	1.9	31	2.1
MULTIPLE MYELOMA	30	2.1	39	2.7	44	3.0
NON-HODGKIN'S LYMPHOMA	91	6.4	91	6.2	76	5.0
OVARY	143	10.1	136	9.6	119	8.2
PANCREAS	144	10.1	141	9.6	130	8.7
PROSTATE	...	...	...	...	...	...
RECTUM & RECTOSIGMOID **	32	2.2	31	2.0	22	1.5
STOMACH	48	3.4	44	3.0	47	3.1
TESTIS	...	...	...	...	...	...
THYROID	8	.s.	9	.s.	4	.s.
ALL OTHER TYPES ****	276	19.3	249	17.0	269	18.1

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

Table 5 (continued)

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Female Residents of San Diego County**

	<b>2003</b>	
<b>CANCER SITE</b>	<b>N</b>	<b>AAMR</b>
ALL SITES	2315	153.3
BLADDER *	28	1.8
BRAIN AND OTHER CNS	60	4.0
BREAST	362	24.2
BUCCAL CAVITY AND PHARYNX	23	1.5
CERVIX	27	1.8
COLON **	177	11.5
CORPUS AND UTERUS NOS	52	3.4
ESOPHAGUS	21	1.4
HODGKIN'S DISEASE	6	.s.
KAPOSI'S SARCOMA ***	...	...
KIDNEY AND RENAL PELVIS	44	2.9
LARYNX	6	.s.
LEUKEMIA	93	6.1
LIVER	47	3.2
LUNG & BRONCHUS	516	34.4
MALIGNANT MELANOMA OF THE SKIN	31	2.1
MULTIPLE MYELOMA	44	2.9
NON-HODGKIN'S LYMPHOMA	81	5.4
OVARY	165	11.1
PANCREAS	155	10.3
PROSTATE	...	...
RECTUM & RECTOSIGMOID **	28	1.8
STOMACH	48	3.2
TESTIS	...	...
THYROID	7	.s.
ALL OTHER TYPES ****	294	19.2

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N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

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\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s.,&.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 6**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

CALENDAR YEAR:	1988		1989		1990	
	N	AAMR	N	AAMR	N	AAMR
<b>CANCER SITE</b>						
ALL SITES	3853	206.3	4013	205.0	4164	211.5
BLADDER *	73	4.1	73	3.8	86	4.8
BRAIN AND OTHER CNS	82	4.4	91	4.5	101	4.8
BREAST	349	18.8	329	16.9	383	19.4
BUCCAL CAVITY AND PHARYNX	68	3.5	71	3.5	66	3.3
CERVIX	34	1.8	35	1.6	32	1.7
COLON **	343	18.6	349	18.2	373	20.0
CORPUS AND UTERUS NOS	51	2.7	45	2.3	42	2.2
ESOPHAGUS	73	3.8	81	4.1	69	3.4
HODGKIN'S DISEASE	11	.s.	10	.s.	9	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	76	4.0	78	3.9	66	3.4
LARYNX	29	1.5	23	1.2	26	1.3
LEUKEMIA	141	7.5	171	8.7	169	8.5
LIVER	59	3.1	58	2.9	73	3.6
LUNG & BRONCHUS	1059	55.9	1122	56.1	1144	57.0
MALIGNANT MELANOMA OF THE SKIN	66	3.3	82	4.0	75	3.8
MULTIPLE MYELOMA	39	2.2	63	3.2	78	3.9
NON-HODGKIN'S LYMPHOMA	147	8.0	158	8.4	145	7.3
OVARY	103	5.4	107	5.5	103	5.0
PANCREAS	184	10.0	205	10.6	217	10.9
PROSTATE	254	14.3	257	13.9	264	14.1
RECTUM & RECTOSIGMOID **	56	3.1	43	2.3	80	4.0
STOMACH	111	6.0	118	6.1	138	7.0
TESTIS	4	.s.	4	.s.	5	.s.
THYROID	14	.s.	14	.s.	10	.s.
ALL OTHER TYPES ****	427	22.9	426	22.0	410	20.9

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &. ) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 6 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

CALENDAR YEAR:	1991		1992		1993	
CANCER SITE	N	AAMR	N	AAMR	N	AAMR
ALL SITES	4276	210.5	4258	205.6	4351	208.5
BLADDER *	80	4.1	95	4.8	95	4.7
BRAIN AND OTHER CNS	103	4.8	116	5.2	117	5.4
BREAST	371	18.3	350	17.1	396	18.7
BUCCAL CAVITY AND PHARYNX	67	3.3	79	3.7	69	3.3
CERVIX	40	2.0	44	2.1	32	1.5
COLON **	347	17.6	367	18.4	352	17.3
CORPUS AND UTERUS NOS	39	1.9	63	3.1	41	2.0
ESOPHAGUS	66	3.1	86	4.2	87	4.2
HODGKIN'S DISEASE	17	0.8	9	.s.	12	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	89	4.4	95	4.6	80	3.9
LARYNX	32	1.5	22	1.1	21	1.0
LEUKEMIA	168	8.2	167	8.1	169	8.0
LIVER	74	3.5	70	3.2	79	3.7
LUNG & BRONCHUS	1142	55.3	1133	54.2	1207	57.1
MALIGNANT MELANOMA OF THE SKIN	70	3.4	69	3.2	66	3.1
MULTIPLE MYELOMA	84	4.1	80	3.9	62	3.0
NON-HODGKIN'S LYMPHOMA	168	8.2	161	7.8	149	7.1
OVARY	113	5.4	100	4.9	142	6.9
PANCREAS	201	9.9	229	11.1	192	9.3
PROSTATE	336	17.4	289	14.5	314	15.7
RECTUM & RECTOSIGMOID **	73	3.6	78	3.7	79	3.8
STOMACH	116	5.9	115	5.5	114	5.5
TESTIS	4	.s.	6	.s.	4	.s.
THYROID	9	.s.	8	.s.	13	.s.
ALL OTHER TYPES ****	467	23.1	427	20.5	459	22.1

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 6 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

CANCER SITE	1994		1995		1996	
	N	AAMR	N	AAMR	N	AAMR
ALL SITES	4375	206.9	4332	202.9	4347	201.4
BLADDER *	98	4.8	81	3.9	113	5.5
BRAIN AND OTHER CNS	123	5.6	114	5.1	130	5.9
BREAST	376	17.8	415	19.4	372	17.3
BUCCAL CAVITY AND PHARYNX	57	2.7	60	2.8	72	3.3
CERVIX	35	1.6	41	1.8	21	1.0
COLON **	327	15.6	340	16.2	334	15.6
CORPUS AND UTERUS NOS	46	2.2	47	2.2	40	1.9
ESOPHAGUS	87	4.0	103	4.8	87	4.0
HODGKIN'S DISEASE	12	.s.	13	.s.	10	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	88	4.2	88	4.3	105	4.9
LARYNX	18	0.8	26	1.2	26	1.2
LEUKEMIA	174	8.0	178	8.1	186	8.4
LIVER	63	2.9	85	4.0	71	3.3
LUNG & BRONCHUS	1166	54.8	1106	51.6	1133	52.2
MALIGNANT MELANOMA OF THE SKIN	71	3.3	72	3.3	67	3.0
MULTIPLE MYELOMA	86	4.0	93	4.4	72	3.4
NON-HODGKIN'S LYMPHOMA	188	8.8	201	9.3	205	9.3
OVARY	143	6.7	130	6.0	135	6.3
PANCREAS	218	10.4	218	10.2	201	9.4
PROSTATE	298	14.6	283	13.6	287	13.6
RECTUM & RECTOSIGMOID **	67	3.2	60	2.8	72	3.4
STOMACH	112	5.4	111	5.2	96	4.5
TESTIS	3	.s.	4	.s.	5	.s.
THYROID	9	.s.	8	.s.	8	.s.
ALL OTHER TYPES ****	510	24.4	455	21.4	499	23.2

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &. ) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 6 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

CANCER SITE	1997		1998		1999	
	N	AAMR	N	AAMR	N	AAMR
ALL SITES	4482	202.1	4392	192.3	4591	192.2
BLADDER *	130	6.0	96	4.3	94	4.0
BRAIN AND OTHER CNS	105	4.6	133	5.6	158	6.4
BREAST	348	15.7	386	16.8	347	14.5
BUCCAL CAVITY AND PHARYNX	56	2.5	73	3.2	58	2.4
CERVIX	33	1.4	43	1.8	36	1.5
COLON **	333	15.2	356	15.9	328	13.9
CORPUS AND UTERUS NOS	53	2.4	46	2.0	49	2.1
ESOPHAGUS	95	4.3	99	4.3	92	3.9
HODGKIN'S DISEASE	13	.s.	17	0.7	12	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	82	3.7	95	4.1	95	4.0
LARYNX	26	1.2	25	1.1	23	1.0
LEUKEMIA	171	7.6	166	7.1	201	8.2
LIVER	104	4.6	84	3.6	110	4.6
LUNG & BRONCHUS	1200	53.9	1132	49.5	1180	49.5
MALIGNANT MELANOMA OF THE SKIN	100	4.3	100	4.3	84	3.4
MULTIPLE MYELOMA	82	3.7	76	3.3	102	4.3
NON-HODGKIN'S LYMPHOMA	226	10.1	194	8.3	207	8.6
OVARY	137	6.2	120	5.3	139	5.9
PANCREAS	222	10.2	235	10.4	267	11.2
PROSTATE	294	13.7	266	12.1	297	12.6
RECTUM & RECTOSIGMOID **	52	2.4	67	3.0	69	2.9
STOMACH	111	5.0	106	4.7	100	4.2
TESTIS	4	.s.	3	.s.	5	.s.
THYROID	16	0.7	8	.s.	8	.s.
ALL OTHER TYPES ****	489	21.9	466	20.3	530	22.2

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 6 (continued)**

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

CANCER SITE	2000		2001		2002	
	N	AAMR	N	AAMR	N	AAMR
ALL SITES	4723	188.2	4666	181.8	4584	174.3
BLADDER *	98	3.9	94	3.7	99	3.8
BRAIN AND OTHER CNS	124	4.9	121	4.6	127	4.8
BREAST	415	16.4	378	14.7	409	15.4
BUCCAL CAVITY AND PHARYNX	70	2.8	73	2.8	66	2.5
CERVIX	34	1.3	46	1.7	27	1.0
COLON **	366	14.7	363	14.2	366	13.9
CORPUS AND UTERUS NOS	42	1.7	62	2.4	69	2.6
ESOPHAGUS	99	4.0	121	4.8	105	4.1
HODGKIN'S DISEASE	10	.s.	12	.s.	10	.s.
KAPOSI'S SARCOMA ***	...	...	...	...	...	...
KIDNEY AND RENAL PELVIS	88	3.6	106	4.1	81	3.1
LARYNX	25	1.0	24	0.9	25	1.0
LEUKEMIA	191	7.5	189	7.3	185	7.0
LIVER	110	4.4	89	3.4	110	4.2
LUNG & BRONCHUS	1246	50.0	1227	48.3	1146	43.9
MALIGNANT MELANOMA OF THE SKIN	79	3.1	90	3.5	93	3.5
MULTIPLE MYELOMA	74	3.0	80	3.1	86	3.3
NON-HODGKIN'S LYMPHOMA	213	8.4	200	7.8	173	6.5
OVARY	143	5.7	136	5.3	119	4.5
PANCREAS	269	10.7	273	10.6	277	10.6
PROSTATE	292	11.7	287	11.2	274	10.4
RECTUM & RECTOSIGMOID **	76	3.0	63	2.5	59	2.3
STOMACH	99	3.9	108	4.2	110	4.1
TESTIS	8	.s.	3	.s.	4	.s.
THYROID	14	.s.	16	0.6	8	.s.
ALL OTHER TYPES ****	538	21.4	505	19.5	556	21.1

N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &. ) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

Table 6 (continued)

**CANCER SURVEILLANCE PROGRAM OF SAN DIEGO COUNTY**  
**Annual Mortality Counts and Age-Adjusted Mortality Rates per 100,000 by Cancer Site,**  
**1988-2003**  
**Male and Female Residents of San Diego County**

	<b>2003</b>	
<b>CANCER SITE</b>	<b>N</b>	<b>AAMR</b>
ALL SITES	4715	176.3
BLADDER *	102	3.8
BRAIN AND OTHER CNS	139	5.1
BREAST	363	13.3
BUCCAL CAVITY AND PHARYNX	76	2.8
CERVIX	27	0.9
COLON **	354	13.2
CORPUS AND UTERUS NOS	52	1.9
ESOPHAGUS	89	3.3
HODGKIN'S DISEASE	12	.s.
KAPOSI'S SARCOMA ***	...	...
KIDNEY AND RENAL PELVIS	99	3.7
LARYNX	29	1.1
LEUKEMIA	201	7.4
LIVER	129	4.8
LUNG & BRONCHUS	1146	43.4
MALIGNANT MELANOMA OF THE SKIN	80	3.0
MULTIPLE MYELOMA	92	3.5
NON-HODGKIN'S LYMPHOMA	183	6.9
OVARY	165	6.2
PANCREAS	279	10.5
PROSTATE	312	11.7
RECTUM & RECTOSIGMOID **	62	2.3
STOMACH	116	4.4
TESTIS	2	.s.
THYROID	13	.s.
ALL OTHER TYPES ****	593	22.0

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N = Number of Cases, AAMR = Age-Adjusted Mortality Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

Mortality data on rare cancer types may be generated upon request. See page 9.

\* BLADDER cancer includes both in-situ and invasive cases (see page 10).

\*\* Please note that COLON and RECTUM & RECTOSIGMOID are presented separately.

\*\*\* Information on KAPOSI'S SARCOMA as a cause of death is unavailable.

\*\*\*\* The category ALL OTHER TYPES includes relatively rare cancer types.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

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## SECTION IV

# DETAILED TABULAR DATA ON 25 SPECIFIC TYPES OF CANCER, CANCER OF ALL SITES, AND SARCOMA 1999 -2003

Section IV characterizes, in some detail, several aspects of specific types of cancer, including cancer of all sites, as it occurs in San Diego County during the five-year time period 1999 through 2003. The purpose of this Section is to make widely available some of the more technical information which is often the subject of inquiries directed to the San Diego / Imperial Organization for Cancer Control.

Section IV is comprised of Tables 7 through 33. Each table is devoted to a specific type of cancer, including cancer of all sites. The types of cancer portrayed here match those shown in the annual data of Section III, with the rationale for selection given in the methods section (see page 10).

Each table in this section shows numbers of cases and deaths accumulated over the five-year interval, and average annual age-specific and age-adjusted rates derived from those counts. Separate distributions of five-year case counts are given by the following: calendar year of diagnosis and gender, reporting source, stage of disease at diagnosis, histology (cell type), ethnicity and gender, and age group. For both incidence and mortality, average annual age-specific and age-standardized rates are provided by gender and race/ethnicity.

**Table 7  
CANCER OF ALL SITES  $\phi$   
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	6034	5663	11697	Hospital	55871	93.1	
2000	6036	5773	11809	Physician	2524	4.2	
2001	6303	5932	12235	Death Cert.	588	1.0	
2002	6375	5898	12273	Other	1005	1.7	
2003	6163	5811	11974				
Total	30911	29077	59988				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Bladder In Situ	1316	2.2		Epidermoid Carcinoma	6624	11.0	
Local	26778	44.6		Adenocarcinoma	33636	56.1	
Regional:				Sarcoma and Other Soft Tissue	983	1.6	
Direct Extension Only	4453	7.4		Melanoma	3561	5.9	
Lymph Nodes Only	4926	8.2		Lymphoma	2715	4.5	
Extension & Nodes	2566	4.3		Leukemia	1644	2.7	
Regional NOS	728	1.2		Other	10825	18.0	
Distant	13466	22.4					
Unstageable	5755	9.6					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	1526	338.5	1870	280.6	3396	302.6
Black	1353	638.6	1001	386.1	2354	497.4
Hispanic	3591	477.5	3681	329.4	7272	387.4
White	23575	564.4	22052	448.2	45627	496.0

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	275	17.7	219	14.9	51	3.3	38	2.6
15-29	642	34.9	603	38.1	100	5.4	67	4.2
30-49	3136	138.9	4920	223.1	741	32.8	885	40.1
50-69	12266	1093.0	10654	867.8	3689	328.7	3524	287.1
70-79	9387	2946.0	7346	1761.0	3971	1246.3	3418	819.4
80-Up	5205	3185.4	5335	1970.0	3375	2065.5	3420	1263.3
Total	30911		29077		11927		11352	
A-AR		543.2		410.1		219.0		157.5

- N = number of cases or deaths, % = percentage of five-year total of cases
- Histologic categories are site specific, and change from one cancer site to another.
- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.
- AAIR = age-adjusted incidence rate per 100,000 people.
- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.
- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

$\phi$  Excepting only Bladder Cancer, this report includes invasive disease only. See page 11.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 7**  
**CANCER OF ALL SITES  $\phi$**   
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	18	13.2	13	.s.	116	19.7	122	19.0
15-29	29	16.0	20	16.8	192	29.2	390	46.9
30-49	161	75.6	210	149.3	540	96.0	2113	162.7
50-69	671	663.1	745	1533.1	1376	848.2	9142	1152.6
70-79	476	1906.1	274	3190.5	1013	2826.8	7381	3000.7
80-Up	171	2089.4	91	2972.9	354	2932.4	4427	3190.4
Total	1526		1353		3591		23575	
A-AR		338.5		638.6		477.5		564.4
<b>Incidence: Females</b>								
00-14	17	13.5	11	.s.	107	18.9	77	12.6
15-29	46	26.0	27	29.8	148	25.4	364	52.9
30-49	448	178.4	231	188.8	1008	171.2	3097	258.1
50-69	827	610.1	408	795.8	1386	672.2	7879	966.0
70-79	371	1037.6	191	1602.3	639	1250.5	6055	1928.5
80-Up	161	1318.5	133	2181.4	393	1856.1	4580	2001.5
Total	1870		1001		3681		22052	
A-AR		280.6		386.1		329.4		448.2
<b>Mortality: Males</b>								
00-14	3	.s.	1	.s.	37	6.3	10	.s.
15-29	7	.s.	4	.s.	47	7.2	41	4.9
30-49	75	35.2	55	39.1	142	25.2	466	35.9
50-69	238	235.2	244	502.1	463	285.4	2731	344.3
70-79	198	792.9	141	1641.8	393	1096.7	3228	1312.3
80-Up	115	1405.2	81	2646.2	235	1946.7	2941	2119.5
Total	636		526		1317		9417	
A-AR		154.6		298.9		200.6		226.7
<b>Mortality: Females</b>								
00-14	3	.s.	2	.s.	25	4.4	8	.s.
15-29	5	.s.	2	.s.	26	4.5	34	4.9
30-49	75	29.9	59	48.2	221	37.5	523	43.6
50-69	297	219.1	209	407.7	422	204.7	2581	316.4
70-79	202	565.0	113	948.0	307	600.8	2785	887.0
80-Up	101	827.1	86	1410.5	273	1289.4	2952	1290.0
Total	683		471		1274		8883	
A-AR		112.5		197.1		132.5		167.5

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 8**  
**CANCER OF THE URINARY BLADDER  $\phi$**   
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	385	117	502	Hospital	2451	98.0	
2000	392	127	519	Physician	24	1.0	
2001	379	121	500	Death Cert.	13	0.5	
2002	352	136	488	Other	13	0.5	
2003	391	101	492				
Total	1899	602	2501				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Bladder In Situ	1316	52.6		Adenocarcinoma	13	0.5	
Local	810	32.4		Papillary Transitional Cell Ca	1662	66.5	
Regional:				Squamous Cell Ca	41	1.6	
Direct Extension Only	139	5.6		Transitional Cell Ca	626	25.0	
Lymph Nodes Only	14	0.6		Other	159	6.4	
Extension & Nodes	39	1.6					
Regional NOS	...	...					
Distant	93	3.7					
Unstageable	90	3.6					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	50	12.5	17	3.6	67	7.2
Black	34	19.2	14	.s.	48	11.9
Hispanic	131	22.3	51	5.5	182	12.2
White	1663	39.8	514	9.7	2177	22.7

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	1	.s.	1	.s.	...	...	...	...
15-29	4	.s.	2	.s.	...	...	...	...
30-49	83	3.7	23	1.0	4	.s.	3	.s.
50-69	566	50.4	183	14.9	80	7.1	27	2.2
70-79	697	218.7	199	47.7	118	37.0	44	10.5
80-Up	548	335.4	194	71.7	136	83.2	75	27.7
Total	1899		602		338		149	
A-AR		35.0		8.3		6.5		2.0

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.  
 $\phi$  In-situ and invasive Bladder-Cancer cases are combined. See page 11.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 8**  
**CANCER OF THE URINARY BLADDER  $\phi$**   
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	1	.s.	...	...	...	...
15-29	...	...	...	...	1	.s.	3	.s.
30-49	1	.s.	2	.s.	10	.s.	69	5.3
50-69	23	22.7	15	30.9	40	24.7	481	60.6
70-79	16	64.1	13	.s.	53	147.9	609	247.6
80-Up	10	.s.	.s.	.s.	27	223.7	501	361.1
Total	50		34		131		1663	
A-AR		12.5		19.2		22.3		39.8
<b>Incidence: Females</b>								
00-14	...	...	...	...	1	.s.	...	...
15-29	...	...	...	...	1	.s.	1	.s.
30-49	1	.s.	...	...	3	.s.	19	1.6
50-69	4	.s.	5	.s.	23	11.2	150	18.4
70-79	3	.s.	6	.s.	11	.s.	177	56.4
80-Up	9	.s.	.s.	.s.	12	.s.	167	73.0
Total	17		14		51		514	
A-AR		3.6		.s.		5.5		9.7
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	4	.s.
50-69	4	.s.	2	.s.	10	.s.	64	8.1
70-79	7	.s.	.s.	.s.	6	.s.	103	41.9
80-Up	.s.	.s.	.s.	.s.	4	.s.	129	93.0
Total	13		5		20		300	
A-AR		.s.		.s.		3.6		7.2
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	1	.s.	2	.s.
50-69	...	...	2	.s.	2	.s.	23	2.8
70-79	1	.s.	2	.s.	6	.s.	35	11.1
80-Up	2	.s.	.s.	.s.	10	.s.	61	26.7
Total	3		6		19		121	
A-AR		.s.		.s.		2.5		2.1

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

$\phi$  In-situ and invasive Bladder-Cancer cases are combined. See page 11.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 9  
CANCER OF THE BRAIN / CENTRAL NERVOUS SYSTEM  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	94	68	162	Hospital	816	93.3	
2000	95	64	159	Physician	35	4.0	
2001	95	81	176	Death Cert.	9	1.0	
2002	108	91	199	Other	15	1.7	
2003	95	84	179				
Total	487	388	875				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	592	67.7		Astrocytoma	169	19.3	
Regional:				Glioblastoma	438	50.1	
Direct Extension Only	...	...		Malignant Glioma	76	8.7	
Lymph Nodes Only	...	...		Medulloblastoma	22	2.5	
Extension & Nodes	...	...		Meningioma	9	1.0	
Regional NOS	157	17.9		Oligodendroglioma	51	5.8	
Distant	19	2.2		Other	110	12.6	
Unstageable	107	12.2					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	15	2.8	14	.s.	29	2.4
Black	11	.s.	8	.s.	19	3.3
Hispanic	83	6.8	71	5.2	154	5.9
White	376	9.1	293	6.4	669	7.7

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	47	3.0	42	2.8	18	1.2	12	.s.
15-29	44	2.4	26	1.6	19	1.0	7	.s.
30-49	107	4.7	73	3.3	65	2.9	38	1.7
50-69	146	13.0	109	8.9	142	12.7	87	7.1
70-79	84	26.4	88	21.1	91	28.6	71	17.0
80-Up	59	36.1	50	18.5	61	37.3	58	21.4
Total	487		388		396		273	
A-AR		7.8		5.5		6.7		3.8

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 9**  
**CANCER OF THE BRAIN / CENTRAL NERVOUS SYSTEM**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	2	.s.	...	...	28	4.8	17	2.6
15-29	2	.s.	1	.s.	9	.s.	32	3.9
30-49	4	.s.	6	.s.	17	3.0	80	6.2
50-69	5	.s.	2	.s.	14	.s.	123	15.5
70-79	1	.s.	.s.	.s.	12	.s.	69	28.1
80-Up	.s.	.s.	...	...	3	.s.	55	39.6
Total	15		11		83		376	
A-AR		2.8		.s.		6.8		9.1
<b>Incidence: Females</b>								
00-14	5	.s.	3	.s.	17	3.0	16	2.6
15-29	...	...	...	...	7	.s.	19	2.8
30-49	5	.s.	1	.s.	15	2.5	51	4.2
50-69	2	.s.	2	.s.	18	8.7	87	10.7
70-79	1	.s.	...	...	7	.s.	80	25.5
80-Up	1	.s.	.s.	.s.	7	.s.	40	17.5
Total	14		8		71		293	
A-AR		.s.		.s.		5.2		6.4
<b>Mortality: Males</b>								
00-14	2	.s.	...	...	13	.s.	3	.s.
15-29	2	.s.	...	...	5	.s.	12	.s.
30-49	5	.s.	1	.s.	10	.s.	48	3.7
50-69	2	.s.	3	.s.	15	9.2	122	15.4
70-79	3	.s.	.s.	.s.	11	.s.	74	30.1
80-Up	.s.	.s.	.s.	.s.	3	.s.	55	39.6
Total	16		8		57		314	
A-AR		3.2		.s.		5.7		7.5
<b>Mortality: Females</b>								
00-14	1	.s.	1	.s.	7	.s.	3	.s.
15-29	1	.s.	...	...	2	.s.	4	.s.
30-49	1	.s.	...	...	8	.s.	29	2.4
50-69	6	.s.	1	.s.	13	.s.	67	8.2
70-79	2	.s.	...	...	4	.s.	65	20.7
80-Up	1	.s.	.s.	.s.	5	.s.	50	21.9
Total	12		4		39		218	
A-AR		.s.		.s.		3.3		4.4

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 10  
CANCER OF THE BREAST  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	9	1902	1911	Hospital	9221	97.6	
2000	9	1879	1888	Physician	95	1.0	
2001	13	1939	1952	Death Cert.	64	0.7	
2002	6	1842	1848	Other	71	0.8	
2003	17	1835	1852				
Total	54	9397	9451				

  

Stage at Diagnosis				Histology			
Stage	N		%	Cell Type	N	%	
Local	5666		60.0	Adenocarcinoma	95	1.0	
Regional:				Comedocarcinoma	24	0.3	
Direct Extension Only	164		1.7	Ductal Carcinoma	6211	65.7	
Lymph Nodes Only	2586		27.4	Ductal & Lobular Ca	1041	11.0	
Extension & Nodes	306		3.2	Inflammatory Ca	134	1.4	
Regional NOS	1		0.0	Lobular Carcinoma	812	8.6	
Distant	418		4.4	Medullary Ca	51	0.5	
Unstageable	310		3.3	Mucinous Adenocarcinoma	225	2.4	
				Pagets Disease	71	0.8	
				Tubular Adenocarcinoma	145	1.5	
				Other	642	6.8	

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	4	.s.	605	85.3	609	49.0
Black	2	.s.	306	108.4	308	58.0
Hispanic	6	.s.	1145	99.0	1151	56.5
White	41	1.0	7225	151.4	7266	80.0

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	...	...	42	2.7	...	...	2	.s.
30-49	11	.s.	2114	95.8	...	...	296	13.4
50-69	15	1.3	4075	331.9	6	.s.	717	58.4
70-79	15	4.7	2017	483.5	3	.s.	437	104.8
80-Up	13	.s.	1149	424.4	2	.s.	449	165.9
Total	54		9397		11		1901	
A-AR		1.0		134.5		.s.		26.7

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 10**  
**CANCER OF THE BREAST**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	2	.s.	...	...	...	...	9	.s.
50-69	...	...	...	...	4	.s.	11	.s.
70-79	...	...	.s.	.s.	1	.s.	12	.s.
80-Up	.s.	.s.	...	...	1	.s.	9	.s.
Total	4		2		6		41	
A-AR		.s.		.s.		.s.		1.0
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	3	.s.	3	.s.	12	.s.	24	3.5
30-49	215	85.6	117	95.6	412	70.0	1338	111.5
50-69	296	218.4	125	243.8	491	238.1	3121	382.7
70-79	65	181.8	37	310.4	163	319.0	1724	549.1
80-Up	26	212.9	24	393.6	67	316.4	1018	444.9
Total	605		306		1145		7225	
A-AR		85.3		108.4		99.0		151.4
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	1	.s.	5	.s.
70-79	...	...	...	...	...	...	3	.s.
80-Up	...	...	...	...	...	...	2	.s.
Total	...		...		1		10	
A-AR		...		...		.s.		.s.
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	1	.s.	1	.s.
30-49	21	8.4	27	22.1	67	11.4	181	15.1
50-69	49	36.1	44	85.8	77	37.3	546	66.9
70-79	19	53.1	10	.s.	29	56.8	376	119.8
80-Up	8	.s.	10	.s.	30	141.7	399	174.4
Total	97		91		204		1503	
A-AR		15.0		33.9		19.0		29.7

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 11  
CANCER OF THE BUCCAL CAVITY AND PHARYNX  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	204	100	304	Hospital	1473	96.0	
2000	212	89	301	Physician	34	2.2	
2001	219	93	312	Death Cert.	7	0.5	
2002	223	101	324	Other	21	1.4	
2003	215	79	294				
Total	1073	462	1535				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	620	40.4		Adenocarcinoma	26	1.7	
Regional:				Adenoid Cystic Carcinoma	25	1.6	
Direct Extension Only	195	12.7		Mucoepidermoid Ca	48	3.1	
Lymph Nodes Only	262	17.1		Squamous Cell Ca	1224	79.7	
Extension & Nodes	251	16.4		Other	212	13.8	
Regional NOS	1	0.1					
Distant	133	8.7					
Unstageable	73	4.8					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	57	10.8	35	5.2	92	7.6
Black	45	18.7	18	6.9	63	12.3
Hispanic	99	11.7	38	3.4	137	6.9
White	857	20.3	362	7.3	1219	13.4

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	4	.s.	...	...	...	...	...	...
15-29	12	.s.	11	.s.	...	...	1	.s.
30-49	208	9.2	69	3.1	20	0.9	13	.s.
50-69	501	44.6	161	13.1	79	7.0	41	3.3
70-79	243	76.3	138	33.1	76	23.9	40	9.6
80-Up	105	64.3	83	30.7	42	25.7	31	11.5
Total	1073		462		217		126	
A-AR		18.1		6.5		3.9		1.8

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,...&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 11**  
**CANCER OF THE BUCCAL CAVITY AND PHARYNX**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	4	.s.
15-29	5	.s.	...	...	2	.s.	5	.s.
30-49	20	9.4	10	.s.	31	5.5	144	11.1
50-69	20	19.8	27	55.6	40	24.7	405	51.1
70-79	7	.s.	7	.s.	20	55.8	207	84.2
80-Up	5	.s.	.s.	.s.	6	.s.	92	66.3
Total	57		45		99		857	
A-AR		10.8		18.7		11.7		20.3
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	3	.s.	2	.s.	2	.s.	4	.s.
30-49	11	.s.	4	.s.	12	.s.	41	3.4
50-69	10	.s.	6	.s.	11	.s.	133	16.3
70-79	8	.s.	4	.s.	9	.s.	112	35.7
80-Up	3	.s.	.s.	.s.	4	.s.	72	31.5
Total	35		18		38		362	
A-AR		5.2		6.9		3.4		7.3
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	3	.s.	...	...	4	.s.	13	.s.
50-69	8	.s.	8	.s.	3	.s.	60	7.6
70-79	3	.s.	.s.	.s.	7	.s.	65	26.4
80-Up	.s.	.s.	...	...	2	.s.	36	25.9
Total	18		9		16		174	
A-AR		4.6		.s.		2.4		4.1
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	1	.s.	...	...
30-49	2	.s.	1	.s.	2	.s.	8	.s.
50-69	5	.s.	1	.s.	2	.s.	33	4.0
70-79	4	.s.	2	.s.	2	.s.	31	9.9
80-Up	...	...	...	...	1	.s.	30	13.1
Total	11		4		8		102	
A-AR		.s.		.s.		.s.		2.0

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 12  
CANCER OF THE CERVIX  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	...	114	114	Hospital	505	96.2	
2000	...	102	102	Physician	11	2.1	
2001	...	99	99	Death Cert.	1	0.2	
2002	...	98	98	Other	8	1.5	
2003	...	112	112				
Total	...	525	525				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	262	49.9		Adenocarcinoma	83	15.8	
Regional:				Adenosquamous Ca	23	4.4	
Direct Extension Only	122	23.2		Squamous Cell Ca	341	65.0	
Lymph Nodes Only	34	6.5		Other	78	14.9	
Extension & Nodes	19	3.6					
Regional NOS	...	...					
Distant	51	9.7					
Unstageable	37	7.0					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	...	...	71	10.1	71	5.7
Black	...	...	13	.s.	13	.s.
Hispanic	...	...	171	11.7	171	6.4
White	...	...	261	6.1	261	3.0

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	...	...	32	2.0	...	...	7	.s.
30-49	...	...	263	11.9	...	...	61	2.8
50-69	...	...	159	13.0	...	...	58	4.7
70-79	...	...	46	11.0	...	...	24	5.8
80-Up	...	...	25	9.2	...	...	20	7.4
Total	...	...	525	...	...	...	170	...
A-AR	...	...	...	7.4	...	...	...	2.4

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 12**  
**CANCER OF THE CERVIX**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...
A-AR	...	...	...	...	...	...	...	...
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	1	.s.	1	.s.	10	.s.	20	2.9
30-49	26	10.4	7	.s.	95	16.1	129	10.7
50-69	30	22.1	1	.s.	58	28.1	69	8.5
70-79	11	.s.	3	.s.	6	.s.	25	8.0
80-Up	3	.s.	.s.	.s.	2	.s.	18	7.9
Total	71	...	13	...	171	...	261	...
A-AR	...	10.1	...	.s.	...	11.7	...	6.1
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...
A-AR	...	...	...	...	...	...	...	...
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	1	.s.	6	.s.
30-49	9	.s.	2	.s.	26	4.4	24	2.0
50-69	13	.s.	2	.s.	12	.s.	31	3.8
70-79	5	.s.	...	...	4	.s.	15	4.8
80-Up	5	.s.	.s.	.s.	2	.s.	12	.s.
Total	32	...	5	...	45	...	88	...
A-AR	...	5.0	...	.s.	...	3.4	...	1.9

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 13  
CANCER OF THE COLON  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	419	423	842	Hospital	4055	96.5	
2000	414	426	840	Physician	63	1.5	
2001	461	424	885	Death Cert.	40	1.0	
2002	405	396	801	Other	45	1.1	
2003	433	402	835				
Total	2132	2071	4203				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	1595	37.9		Adenoca in Adenomatous Polyp	254	6.0	
Regional:				Adenoca in Familial Polyposis	5	0.1	
Direct Extension Only	577	13.7		Adenocarcinoma	2785	66.3	
Lymph Nodes Only	457	10.9		Mucinous Adenocarcinoma	431	10.3	
Extension & Nodes	492	11.7		Papillary Adenocarcinoma	334	7.9	
Regional NOS	1	0.0		Other	394	9.4	
Distant	837	19.9					
Unstageable	244	5.8					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	119	26.7	118	18.9	237	22.1
Black	109	58.1	105	45.6	214	51.5
Hispanic	219	32.2	201	21.3	420	25.7
White	1661	39.8	1625	29.7	3286	34.2

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	8	.s.	8	.s.	1	.s.	1	.s.
30-49	168	7.4	132	6.0	45	2.0	41	1.9
50-69	730	65.0	588	47.9	293	26.1	231	18.8
70-79	707	221.9	624	149.6	276	86.6	248	59.5
80-Up	519	317.6	719	265.6	268	164.0	373	137.8
Total	2132		2071		883		894	
A-AR		38.6		28.5		16.4		12.2

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 13**  
**CANCER OF THE COLON**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	2	.s.	...	...	2	.s.	4	.s.
30-49	11	.s.	15	10.7	39	6.9	98	7.5
50-69	55	54.4	54	111.1	80	49.3	527	66.4
70-79	39	156.2	26	302.7	72	200.9	567	230.5
80-Up	12	.s.	14	.s.	26	215.4	465	335.1
Total	119		109		219		1661	
A-AR		26.7		58.1		32.2		39.8
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	3	.s.	5	.s.
30-49	19	7.6	11	.s.	24	4.1	76	6.3
50-69	50	36.9	41	80.0	84	40.7	404	49.5
70-79	34	95.1	26	218.1	50	97.8	510	162.4
80-Up	15	122.8	27	442.8	40	188.9	630	275.3
Total	118		105		201		1625	
A-AR		18.9		45.6		21.3		29.7
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	1	.s.	...	...
30-49	6	.s.	5	.s.	10	.s.	23	1.8
50-69	27	26.7	18	37.0	34	21.0	212	26.7
70-79	17	68.1	12	.s.	24	67.0	221	89.8
80-Up	7	.s.	7	.s.	21	174.0	233	167.9
Total	57		42		90		689	
A-AR		13.7		24.2		15.3		16.6
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	1	.s.
30-49	3	.s.	5	.s.	10	.s.	22	1.8
50-69	24	17.7	14	.s.	27	13.1	165	20.2
70-79	9	.s.	19	159.4	23	45.0	197	62.7
80-Up	5	.s.	13	.s.	26	122.8	329	143.8
Total	41		51		86		714	
A-AR		6.9		22.9		9.9		12.8

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 14**  
**CANCER OF THE CORPUS AND UTERUS NOS**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	...	300	300	Hospital	1404	97.3	
2000	...	248	248	Physician	19	1.3	
2001	...	328	328	Death Cert.	9	0.6	
2002	...	282	282	Other	11	0.8	
2003	...	285	285				
Total	...	1443	1443				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	993	68.8		Adenoacanthoma	11	0.8	
Regional:				Adenocarcinoma	277	19.2	
Direct Extension Only	170	11.8		Adenosquamous Carcinoma	17	1.2	
Lymph Nodes Only	31	2.1		Leiomyosarcoma	32	2.2	
Extension & Nodes	41	2.8		Mucinous Adenocarcinoma	29	2.0	
Regional NOS	...	...		Mullerian Mixed Tumor	34	2.4	
Distant	141	9.8		Papillary Adenocarcinoma	14	1.0	
Unstageable	67	4.6		Other	1029	71.3	

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	...	...	111	15.4	111	8.8
Black	...	...	46	17.8	46	9.8
Hispanic	...	...	168	14.8	168	8.4
White	...	...	1102	22.6	1102	12.0

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	...	...	8	.s.	...	...	...	...
30-49	...	...	236	10.7	...	...	24	1.1
50-69	...	...	658	53.6	...	...	82	6.7
70-79	...	...	329	78.9	...	...	77	18.5
80-Up	...	...	212	78.3	...	...	91	33.6
Total	...	...	1443	...	...	...	274	...
A-AR	...	...	...	20.6	...	...	...	3.8

- N = number of cases or deaths, % = percentage of five-year total of cases  
- Histologic categories are site specific, and change from one cancer site to another.  
- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
- AAIR = age-adjusted incidence rate per 100,000 people.  
- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 14**  
**CANCER OF THE CORPUS AND UTERUS NOS**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...
A-AR	...	...	...	...	...	...	...	...
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	1	.s.	4	.s.	2	.s.
30-49	34	13.5	8	.s.	49	8.3	143	11.9
50-69	59	43.5	22	42.9	75	36.4	495	60.7
70-79	15	42.0	10	.s.	32	62.6	270	86.0
80-Up	3	.s.	5	.s.	8	.s.	192	83.9
Total	111	...	46	...	168	...	1102	...
A-AR	...	15.4	...	17.8	...	14.8	...	22.6
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...
A-AR	...	...	...	...	...	...	...	...
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	4	.s.	1	.s.	5	.s.	14	.s.
50-69	7	.s.	3	.s.	9	.s.	63	7.7
70-79	3	.s.	2	.s.	8	.s.	63	20.1
80-Up	...	...	.s.	.s.	8	.s.	79	34.5
Total	14	...	10	...	30	...	219	...
A-AR	...	.s.	...	.s.	...	3.3	...	4.1

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 15  
CANCER OF THE ESOPHAGUS  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	78	31	109	Hospital	549	97.3	
2000	76	32	108	Physician	8	1.4	
2001	101	25	126	Death Cert.	3	0.5	
2002	81	35	116	Other	4	0.7	
2003	84	21	105				
Total	420	144	564				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	144	25.5		Adenocarcinoma	274	48.6	
Regional:				Squamous Cell Carcinoma	194	34.4	
Direct Extension Only	60	10.6		Other	96	17.0	
Lymph Nodes Only	32	5.7					
Extension & Nodes	77	13.7					
Regional NOS	1	0.2					
Distant	185	32.8					
Unstageable	65	11.5					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	19	3.6	5	.s.	24	2.1
Black	23	12.5	7	.s.	30	6.7
Hispanic	34	5.0	15	1.6	49	3.0
White	343	8.2	116	2.2	459	4.9

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	...	...	1	.s.	...	...	...	...
30-49	30	1.3	5	.s.	24	1.1	2	.s.
50-69	188	16.8	56	4.6	147	13.1	37	3.0
70-79	136	42.7	49	11.7	133	41.7	41	9.8
80-Up	66	40.4	33	12.2	74	45.3	48	17.7
Total	420		144		378		128	
A-AR		7.5		2.0		6.8		1.8

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 15**  
**CANCER OF THE ESOPHAGUS**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	1	.s.	1	.s.	1	.s.	27	2.1
50-69	16	15.8	15	30.9	20	12.3	136	17.1
70-79	2	.s.	.s.	.s.	10	.s.	120	48.8
80-Up	...	...	.s.	.s.	3	.s.	60	43.2
Total	19		23		34		343	
A-AR		3.6		12.5		5.0		8.2
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	1	.s.
30-49	...	...	1	.s.	2	.s.	2	.s.
50-69	2	.s.	4	.s.	5	.s.	44	5.4
70-79	1	.s.	2	.s.	6	.s.	40	12.7
80-Up	2	.s.	...	...	2	.s.	29	12.7
Total	5		7		15		116	
A-AR		.s.		.s.		1.6		2.2
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	1	.s.	...	...	3	.s.	20	1.5
50-69	10	.s.	13	.s.	15	9.2	108	13.6
70-79	2	.s.	7	.s.	10	.s.	112	45.5
80-Up	...	...	.s.	.s.	6	.s.	67	48.3
Total	13		21		34		307	
A-AR		.s.		11.3		5.3		7.3
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	1	.s.	1	.s.	...	...	...	...
50-69	2	.s.	4	.s.	1	.s.	30	3.7
70-79	1	.s.	2	.s.	4	.s.	34	10.8
80-Up	2	.s.	...	...	3	.s.	43	18.8
Total	6		7		8		107	
A-AR		.s.		.s.		.s.		1.9

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 16**  
**HODGKIN'S DISEASE**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	38	22	60	Hospital	364	98.1	
2000	30	28	58	Physician	4	1.1	
2001	49	39	88	Death Cert.	2	0.5	
2002	45	36	81	Other	1	0.3	
2003	46	38	84				
Total	208	163	371				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	52	14.0		Mixed Cellularity	6	1.6	
Regional:				Nodular Sclerosing	365	98.4	
Direct Extension Only	...	...		Other	...	...	
Lymph Nodes Only	...	...					
Extension & Nodes	...	...					
Regional NOS	160	43.1					
Distant	138	37.2					
Unstageable	21	5.7					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	2	.s.	11	.s.	13	.s.
Black	14	.s.	6	.s.	20	2.5
Hispanic	51	3.5	28	1.3	79	2.2
White	138	3.3	116	2.9	254	3.1

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	15	1.0	8	.s.	1	.s.	...	...
15-29	55	3.0	60	3.8	1	.s.	2	.s.
30-49	82	3.6	50	2.3	6	.s.	8	.s.
50-69	29	2.6	20	1.6	8	.s.	5	.s.
70-79	17	5.3	16	3.8	4	.s.	8	.s.
80-Up	10	.s.	9	.s.	7	.s.	6	.s.
Total	208		163		27		29	
A-AR		2.9		2.2		0.5		0.4

- N = number of cases or deaths, % = percentage of five-year total of cases  
- Histologic categories are site specific, and change from one cancer site to another.  
- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
- AAIR = age-adjusted incidence rate per 100,000 people.  
- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 16**  
**HODGKIN'S DISEASE**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	6	.s.	9	.s.
15-29	...	...	3	.s.	16	2.4	35	4.2
30-49	...	...	8	.s.	17	3.0	55	4.2
50-69	2	.s.	2	.s.	6	.s.	19	2.4
70-79	...	...	.s.	.s.	5	.s.	11	.s.
80-Up	...	...	...	...	1	.s.	9	.s.
Total	2		14		51		138	
A-AR		.s.		.s.		3.5		3.3
<b>Incidence: Females</b>								
00-14	1	.s.	1	.s.	3	.s.	2	.s.
15-29	7	.s.	1	.s.	14	.s.	37	5.4
30-49	...	...	4	.s.	8	.s.	38	3.2
50-69	1	.s.	...	...	2	.s.	17	2.1
70-79	1	.s.	...	...	1	.s.	14	.s.
80-Up	1	.s.	...	...	...	...	8	.s.
Total	11		6		28		116	
A-AR		.s.		.s.		1.3		2.9
<b>Mortality: Males</b>								
00-14	...	...	...	...	1	.s.	...	...
15-29	...	...	...	...	1	.s.	...	...
30-49	...	...	1	.s.	...	...	5	.s.
50-69	...	...	1	.s.	...	...	7	.s.
70-79	...	...	...	...	2	.s.	2	.s.
80-Up	...	...	...	...	1	.s.	6	.s.
Total	...		2		5		20	
A-AR		...		.s.		.s.		0.5
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	1	.s.	...	...	...	...	1	.s.
30-49	...	...	...	...	1	.s.	7	.s.
50-69	1	.s.	...	...	1	.s.	3	.s.
70-79	1	.s.	...	...	1	.s.	6	.s.
80-Up	1	.s.	.s.	.s.	...	...	4	.s.
Total	4		1		3		21	
A-AR		.s.		.s.		.s.		0.4

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 17**  
**KAPOSI'S SARCOMA**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	36	3	39	Hospital	151	87.3	
2000	27	3	30	Physician	13	7.5	
2001	31	2	33	Death Cert.	...	...	
2002	34	2	36	Other	9	5.2	
2003	33	2	35				
Total	161	12	173				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	70	40.5		Kaposi's Sarcoma is itself a cell type, and has no subtypes.			
Regional:							
Direct Extension Only	15	8.7					
Lymph Nodes Only	5	2.9					
Extension & Nodes	6	3.5					
Regional NOS	...	...					
Distant	56	32.4					
Unstageable	21	12.1					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	6	.s.	...	...	6	.s.
Black	19	5.1	1	.s.	20	2.8
Hispanic	43	3.2	3	.s.	46	1.6
White	81	1.9	8	.s.	89	1.0

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	11	.s.	...	...	...	...	...	...
30-49	113	5.0	4	.s.	...	...	...	...
50-69	23	2.0	1	.s.	...	...	...	...
70-79	7	.s.	3	.s.	...	...	...	...
80-Up	7	.s.	4	.s.	...	...	...	...
Total	161		12		...		...	
A-AR		2.3		.s.		...		...

- N = number of cases or deaths, % = percentage of five-year total of cases  
- Histologic categories are site specific, and change from one cancer site to another.  
- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
- AAIR = age-adjusted incidence rate per 100,000 people.  
- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
Sources of data and methods for calculations and suppressed data (.s.,...&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 17**  
**KAPOSI'S SARCOMA**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	2	.s.	3	.s.	5	.s.
30-49	6	.s.	11	.s.	32	5.7	57	4.4
50-69	...	...	6	.s.	4	.s.	12	.s.
70-79	...	...	...	...	3	.s.	3	.s.
80-Up	...	...	...	...	1	.s.	4	.s.
Total	6		19		43		81	
A-AR		.s.		5.1		3.2		1.9
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	1	.s.	1	.s.	2	.s.
50-69	...	...	...	...	...	...	1	.s.
70-79	...	...	...	...	1	.s.	2	.s.
80-Up	...	...	...	...	1	.s.	3	.s.
Total	...		1		3		8	
A-AR		...		.s.		.s.		.s.
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...		...		...		...	
A-AR		...		...		...		...
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...		...		...		...	
A-AR		...		...		...		...

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 18**  
**CANCER OF THE KIDNEY AND RENAL PELVIS**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	172	102	274	Hospital	1451	97.4	
2000	190	101	291	Physician	20	1.3	
2001	171	108	279	Death Cert.	9	0.6	
2002	205	101	306	Other	10	0.7	
2003	227	113	340				
Total	965	525	1490				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	865	58.1		Adenocarcinoma	58	3.9	
Regional:				Clear Cell Adenocarcinoma	563	37.8	
Direct Extension Only	240	16.1		Granular Cell	45	3.0	
Lymph Nodes Only	16	1.1		Papillary Transitional Cell Ca	54	3.6	
Extension & Nodes	23	1.5		Renal Cell Carcinoma	514	34.5	
Regional NOS	...	...		Transitional Cell Ca	59	4.0	
Distant	281	18.9		Wilms Tumor	24	1.6	
Unstageable	65	4.4		Other	173	11.6	

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	40	9.1	23	3.7	63	5.9
Black	49	18.1	19	7.7	68	13.0
Hispanic	162	20.0	103	9.6	265	13.9
White	706	16.8	373	7.6	1079	11.9

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	15	1.0	13	.s.	1	.s.	3	.s.
15-29	11	.s.	8	.s.	...	...	...	...
30-49	137	6.1	67	3.0	22	1.0	8	.s.
50-69	432	38.5	198	16.1	113	10.1	53	4.3
70-79	254	79.7	147	35.2	86	27.0	55	13.2
80-Up	116	71.0	92	34.0	72	44.1	56	20.7
Total	965		525		294		175	
A-AR		16.6		7.4		5.4		2.4

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 18**  
**CANCER OF THE KIDNEY AND RENAL PELVIS**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>									
		<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
		N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>									
00-14	1	.s.	1	.s.	6	.s.	7	.s.	
15-29	...	...	2	.s.	5	.s.	4	.s.	
30-49	4	.s.	13	.s.	31	5.5	86	6.6	
50-69	17	16.8	27	55.6	71	43.8	313	39.5	
70-79	13	.s.	6	.s.	40	111.6	194	78.9	
80-Up	5	.s.	...	...	9	.s.	102	73.5	
Total	40		49		162		706		
A-AR		9.1		18.1		20.0		16.8	
<b>Incidence: Females</b>									
00-14	1	.s.	...	...	5	.s.	6	.s.	
15-29	1	.s.	...	...	1	.s.	6	.s.	
30-49	5	.s.	3	.s.	19	3.2	39	3.2	
50-69	9	.s.	9	.s.	44	21.3	135	16.6	
70-79	4	.s.	4	.s.	24	47.0	113	36.0	
80-Up	3	.s.	.s.	.s.	10	.s.	74	32.3	
Total	23		19		103		373		
A-AR		3.7		7.7		9.6		7.6	
<b>Mortality: Males</b>									
00-14	...	...	...	...	1	.s.	...	...	
15-29	...	...	...	...	...	...	...	...	
30-49	2	.s.	4	.s.	6	.s.	10	.s.	
50-69	7	.s.	14	.s.	19	11.7	73	9.2	
70-79	6	.s.	...	...	20	55.8	60	24.4	
80-Up	.s.	.s.	.s.	.s.	4	.s.	66	47.6	
Total	16		19		50		209		
A-AR		3.5		7.7		7.2		5.1	
<b>Mortality: Females</b>									
00-14	...	...	...	...	2	.s.	1	.s.	
15-29	...	...	...	...	...	...	...	...	
30-49	1	.s.	...	...	3	.s.	3	.s.	
50-69	1	.s.	2	.s.	10	.s.	40	4.9	
70-79	1	.s.	...	...	11	.s.	43	13.7	
80-Up	1	.s.	.s.	.s.	7	.s.	45	19.7	
Total	4		4		33		132		
A-AR		.s.		.s.		3.5		2.5	

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 19**  
**CANCER OF THE LARYNX**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	51	22	73	Hospital	399	97.8	
2000	71	21	92	Physician	5	1.2	
2001	64	20	84	Death Cert.	4	1.0	
2002	61	13	74	Other	...	...	
2003	74	11	85				
Total	321	87	408				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	259	63.5		Squamous Cell Carcinoma	378	92.6	
Regional:				Other	30	7.4	
Direct Extension Only	35	8.6					
Lymph Nodes Only	29	7.1					
Extension & Nodes	37	9.1					
Regional NOS	...	...					
Distant	33	8.1					
Unstageable	15	3.7					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	13	.s.	1	.s.	14	.s.
Black	22	9.4	4	.s.	26	5.2
Hispanic	37	6.0	7	.s.	44	2.8
White	249	5.9	73	1.5	322	3.5

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	24	1.1	9	.s.	1	.s.	1	.s.
50-69	145	12.9	35	2.9	39	3.5	13	.s.
70-79	99	31.1	28	6.7	35	11.0	14	.s.
80-Up	53	32.4	15	5.5	18	11.0	5	.s.
Total	321		87		93		33	
A-AR		5.7		1.2		1.7		0.5

- N = number of cases or deaths, % = percentage of five-year total of cases  
- Histologic categories are site specific, and change from one cancer site to another.  
- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
- AAIR = age-adjusted incidence rate per 100,000 people.  
- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
Sources of data and methods for calculations and suppressed data (.s.,...&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 19**  
**CANCER OF THE LARYNX**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	1	.s.	4	.s.	3	.s.	16	1.2
50-69	3	.s.	16	32.9	17	10.5	109	13.7
70-79	9	.s.	.s.	.s.	10	.s.	78	31.7
80-Up	...	...	...	...	7	.s.	46	33.2
Total	13		22		37		249	
A-AR		.s.		9.4		6.0		5.9
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	2	.s.	1	.s.	6	.s.
50-69	...	...	1	.s.	4	.s.	29	3.6
70-79	...	...	1	.s.	1	.s.	26	8.3
80-Up	1	.s.	...	...	1	.s.	12	.s.
Total	1		4		7		73	
A-AR		.s.		.s.		.s.		1.5
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	1	.s.	...	...	...	...	...	...
50-69	...	...	7	.s.	4	.s.	28	3.5
70-79	2	.s.	.s.	.s.	5	.s.	26	10.6
80-Up	...	...	...	...	3	.s.	15	10.8
Total	3		9		12		69	
A-AR		.s.		.s.		.s.		1.7
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	1	.s.
50-69	...	...	2	.s.	2	.s.	9	.s.
70-79	...	...	2	.s.	...	...	11	.s.
80-Up	2	.s.	...	...	...	...	3	.s.
Total	2		4		2		24	
A-AR		.s.		.s.		.s.		0.5

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 20**  
**LEUKEMIA**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	219	120	339	Hospital	1529	89.7	
2000	212	142	354	Physician	104	6.1	
2001	204	131	335	Death Cert.	41	2.4	
2002	186	146	332	Other	31	1.8	
2003	201	144	345				
Total	1022	683	1705				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	...	...		Acute Lymphocytic	265	15.5	
Regional:				Chronic Lymphocytic	488	28.6	
Direct Extension Only	...	...		Other Lymphocytic	60	3.5	
Lymph Nodes Only	...	...		Acute Myeloid	507	29.7	
Extension & Nodes	...	...		Acute Monocytic	65	3.8	
Regional NOS	...	...		Chronic Myeloid	202	11.8	
Distant	1658	97.2		Other Myeloid/Monocytic	21	1.2	
Unstageable	47	2.8		Other Acute	50	2.9	
				Other	47	2.8	

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	39	7.1	46	6.7	85	6.9
Black	37	15.4	24	9.2	61	12.2
Hispanic	166	14.3	129	8.4	295	10.8
White	749	18.4	470	9.6	1219	13.5

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	109	7.0	85	5.8	20	1.3	9	.s.
15-29	55	3.0	33	2.1	26	1.4	18	1.1
30-49	115	5.1	79	3.6	43	1.9	28	1.3
50-69	278	24.8	184	15.0	144	12.8	88	7.2
70-79	280	87.9	158	37.9	204	64.0	114	27.3
80-Up	185	113.2	144	53.2	147	90.0	126	46.5
Total	1022		683		584		383	
A-AR		17.5		9.5		10.4		5.2

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 20**  
**LEUKEMIA**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	<b>N</b>	<b>A-SR</b>	<b>N</b>	<b>A-SR</b>	<b>N</b>	<b>A-SR</b>	<b>N</b>	<b>A-SR</b>
<b>Incidence: Males</b>								
00-14	7	.s.	5	.s.	50	8.5	41	6.4
15-29	6	.s.	1	.s.	28	4.3	19	2.3
30-49	5	.s.	9	.s.	29	5.2	69	5.3
50-69	15	14.8	13	.s.	28	17.3	213	26.9
70-79	4	.s.	7	.s.	17	47.4	245	99.6
80-Up	.s.	.s.	.s.	.s.	14	.s.	162	116.7
Total	39		37		166		749	
A-AR		7.1		15.4		14.3		18.4
<b>Incidence: Females</b>								
00-14	8	.s.	3	.s.	44	7.8	26	4.3
15-29	4	.s.	1	.s.	14	.s.	14	.s.
30-49	9	.s.	3	.s.	27	4.6	40	3.3
50-69	16	11.8	7	.s.	25	12.1	131	16.1
70-79	7	.s.	5	.s.	8	.s.	135	43.0
80-Up	2	.s.	5	.s.	11	.s.	124	54.2
Total	46		24		129		470	
A-AR		6.7		9.2		8.4		9.6
<b>Mortality: Males</b>								
00-14	1	.s.	1	.s.	14	.s.	4	.s.
15-29	2	.s.	...	...	19	2.9	5	.s.
30-49	6	.s.	4	.s.	12	.s.	21	1.6
50-69	8	.s.	10	.s.	11	.s.	114	14.4
70-79	5	.s.	10	.s.	14	.s.	174	70.7
80-Up	.s.	.s.	.s.	.s.	10	.s.	132	95.1
Total	24		28		80		450	
A-AR		4.7		15.0		8.2		10.9
<b>Mortality: Females</b>								
00-14	1	.s.	1	.s.	7	.s.	...	...
15-29	...	...	1	.s.	13	.s.	4	.s.
30-49	3	.s.	2	.s.	10	.s.	12	.s.
50-69	13	.s.	5	.s.	14	.s.	56	6.9
70-79	7	.s.	6	.s.	7	.s.	94	29.9
80-Up	1	.s.	.s.	.s.	8	.s.	113	49.4
Total	25		19		59		279	
A-AR		3.6		7.9		4.6		5.1

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,...&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 21  
CANCER OF THE LIVER  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	102	45	147	Hospital	663	88.3	
2000	94	47	141	Physician	53	7.1	
2001	96	41	137	Death Cert.	19	2.5	
2002	97	52	149	Other	16	2.1	
2003	117	60	177				
Total	506	245	751				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	248	33.0		Cholangiocarcinoma	12	1.6	
Regional:				Hepatoblastoma	6	0.8	
Direct Extension Only	145	19.3		Hepatocellular Ca	602	80.2	
Lymph Nodes Only	5	0.7		Hepatocel Ca & Cholangioca	2	0.3	
Extension & Nodes	9	1.2		Other	129	17.2	
Regional NOS	...	...					
Distant	193	25.7					
Unstageable	151	20.1					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	91	20.1	66	10.6	157	14.7
Black	27	11.1	13	.s.	40	8.3
Hispanic	135	16.5	50	5.4	185	10.3
White	250	5.9	115	2.2	365	4.0

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	8	.s.	1	.s.	1	.s.	1	.s.
15-29	2	.s.	...	...	1	.s.	...	...
30-49	93	4.1	23	1.0	54	2.4	9	.s.
50-69	233	20.8	91	7.4	149	13.3	52	4.2
70-79	114	35.8	78	18.7	95	29.8	71	17.0
80-Up	56	34.3	52	19.2	59	36.1	56	20.7
Total	506		245		359		189	
A-AR		8.6		3.5		6.3		2.6

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 21**  
**CANCER OF THE LIVER**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	1	.s.	3	.s.	4	.s.
15-29	1	.s.	...	...	...	...	1	.s.
30-49	13	.s.	6	.s.	33	5.9	41	3.2
50-69	44	43.5	17	35.0	66	40.7	105	13.2
70-79	22	88.1	.s.	.s.	29	80.9	62	25.2
80-Up	11	.s.	.s.	.s.	4	.s.	37	26.7
Total	91		27		135		250	
A-AR		20.1		11.1		16.5		5.9
<b>Incidence: Females</b>								
00-14	1	.s.	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	2	.s.	2	.s.	6	.s.	13	.s.
50-69	27	19.9	5	.s.	21	10.2	37	4.5
70-79	27	75.5	4	.s.	14	.s.	33	10.5
80-Up	9	.s.	.s.	.s.	9	.s.	32	14.0
Total	66		13		50		115	
A-AR		10.6		.s.		5.4		2.2
<b>Mortality: Males</b>								
00-14	...	...	...	...	1	.s.	...	...
15-29	...	...	...	...	...	...	1	.s.
30-49	11	.s.	3	.s.	15	2.7	25	1.9
50-69	26	25.7	9	.s.	36	22.2	77	9.7
70-79	18	72.1	.s.	.s.	22	61.4	52	21.1
80-Up	7	.s.	...	...	10	.s.	42	30.3
Total	62		15		84		197	
A-AR		14.1		6.1		12.1		4.7
<b>Mortality: Females</b>								
00-14	1	.s.	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	4	.s.	...	...	2	.s.	3	.s.
50-69	14	.s.	1	.s.	15	7.3	20	2.5
70-79	20	55.9	4	.s.	11	.s.	36	11.5
80-Up	9	.s.	.s.	.s.	7	.s.	37	16.2
Total	48		8		35		96	
A-AR		8.2		.s.		4.0		1.7

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 22**  
**CANCER OF THE LUNG AND BRONCHUS**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	795	660	1455	Hospital	7112	94.5	
2000	855	747	1602	Physician	261	3.5	
2001	793	722	1515	Death Cert.	83	1.1	
2002	786	711	1497	Other	69	0.9	
2003	760	696	1456				
Total	3989	3536	7525				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	1259	16.7		Adenocarcinoma	2157	28.7	
Regional:				Adenosquamous CA	44	0.6	
Direct Extension Only	439	5.8		Bronchio-Alveolar Adenoca	209	2.8	
Lymph Nodes Only	725	9.6		Large Cell Ca	378	5.0	
Extension & Nodes	512	6.8		Mucinous Adenocarcinoma	77	1.0	
Regional NOS	3	0.0		Oat Cell Ca	79	1.0	
Distant	4032	53.6		Small Cell Ca	766	10.2	
Unstageable	555	7.4		Squamous Cell Ca	1197	15.9	
				Other	2618	34.8	

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	252	60.3	186	30.5	438	42.8
Black	182	92.9	138	58.3	320	72.8
Hispanic	346	54.4	251	27.1	597	38.2
White	3196	76.3	2955	57.4	6151	65.6

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	8	.s.	9	.s.	3	.s.	2	.s.
30-49	199	8.8	137	6.2	137	6.1	90	4.1
50-69	1528	136.2	1345	109.6	1111	99.0	882	71.8
70-79	1484	465.7	1273	305.2	1220	382.9	1005	240.9
80-Up	770	471.2	772	285.2	762	466.3	733	270.8
Total	3989		3536		3233		2712	
A-AR		72.0		49.9		59.1		37.9

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 22**  
**CANCER OF THE LUNG AND BRONCHUS**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	4	.s.	4	.s.
30-49	17	8.0	25	17.8	23	4.1	134	10.3
50-69	92	90.9	101	207.8	134	82.6	1192	150.3
70-79	103	412.4	35	407.5	132	368.3	1210	491.9
80-Up	40	488.8	21	686.1	53	439.0	656	472.8
Total	252		182		346		3196	
A-AR		60.3		92.9		54.4		76.3
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	1	.s.	1	.s.	2	.s.	5	.s.
30-49	14	.s.	7	.s.	22	3.7	94	7.8
50-69	91	67.1	77	150.2	99	48.0	1075	131.8
70-79	52	145.4	34	285.2	88	172.2	1098	349.7
80-Up	28	229.3	19	311.6	40	188.9	683	298.5
Total	186		138		251		2955	
A-AR		30.5		58.3		27.1		57.4
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	1	.s.	1	.s.	1	.s.	...	...
30-49	13	.s.	15	10.7	18	3.2	91	7.0
50-69	69	68.2	66	135.8	106	65.3	864	108.9
70-79	64	256.3	40	465.8	90	251.1	1022	415.5
80-Up	37	452.1	24	784.1	49	405.9	651	469.2
Total	184		146		264		2628	
A-AR		46.0		84.8		42.8		62.9
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	2	.s.
30-49	9	.s.	6	.s.	13	.s.	61	5.1
50-69	59	43.5	63	122.9	55	26.7	701	85.9
70-79	42	117.5	27	226.5	60	117.4	875	278.7
80-Up	25	204.7	18	295.2	42	198.4	648	283.2
Total	135		114		170		2287	
A-AR		23.0		48.8		19.5		43.3

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 23**  
**MALIGNANT MELANOMA OF THE SKIN**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	386	215	601	Hospital	2631	76.4	
2000	348	290	638	Physician	629	18.3	
2001	433	293	726	Death Cert.	4	0.1	
2002	418	315	733	Other	179	5.2	
2003	420	325	745				
Total	2005	1438	3443				

  

Stage at Diagnosis				Histology			
Stage	N		%	Cell Type	N	%	
Local	2911		84.5	Amelanotic Melanoma	31	0.9	
Regional:				Lentigo Maligna Melanoma	247	7.2	
Direct Extension Only	78		2.3	Malignant Melanoma, NOS	1756	51.0	
Lymph Nodes Only	131		3.8	Nodular Melanoma	221	6.4	
Extension & Nodes	18		0.5	Superficial Spreading Melanoma	1011	29.4	
Regional NOS	...		...	Other	177	5.1	
Distant	118		3.4				
Unstageable	187		5.4				

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	5	.s.	4	.s.	9	.s.
Black	6	.s.	5	.s.	11	.s.
Hispanic	50	5.6	88	6.7	138	6.1
White	1777	42.0	1174	26.1	2951	33.0

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	1	.s.	3	.s.	...	...	...	...
15-29	82	4.5	115	7.3	5	.s.	4	.s.
30-49	444	19.7	489	22.2	39	1.7	27	1.2
50-69	752	67.0	431	35.1	91	8.1	49	4.0
70-79	439	137.8	242	58.0	80	25.1	35	8.4
80-Up	287	175.6	158	58.4	64	39.2	32	11.8
Total	2005		1438		279		147	
A-AR		33.6		20.1		5.0		2.1

- N = number of cases or deaths, % = percentage of five-year total of cases  
- Histologic categories are site specific, and change from one cancer site to another.  
- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
- AAIR = age-adjusted incidence rate per 100,000 people.  
- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
Sources of data and methods for calculations and suppressed data (.s.,...&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 23**  
**MALIGNANT MELANOMA OF THE SKIN**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	1	.s.
15-29	...	...	...	...	6	.s.	70	8.4
30-49	1	.s.	2	.s.	14	.s.	372	28.6
50-69	...	...	3	.s.	16	9.9	655	82.6
70-79	4	.s.	.s.	.s.	11	.s.	405	164.6
80-Up	...	...	...	...	3	.s.	274	197.5
Total	5		6		50		1777	
A-AR		.s.		.s.		5.6		42.0
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	3	.s.
15-29	...	...	...	...	9	.s.	95	13.8
30-49	1	.s.	...	...	46	7.8	370	30.8
50-69	3	.s.	3	.s.	13	.s.	359	44.0
70-79	...	...	1	.s.	12	.s.	210	66.9
80-Up	...	...	.s.	.s.	8	.s.	137	59.9
Total	4		5		88		1174	
A-AR		.s.		.s.		6.7		26.1
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	5	.s.
30-49	...	...	...	...	1	.s.	38	2.9
50-69	...	...	1	.s.	6	.s.	84	10.6
70-79	3	.s.	...	...	4	.s.	73	29.7
80-Up	...	...	...	...	...	...	64	46.1
Total	3		1		11		264	
A-AR		.s.		.s.		.s.		6.3
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	1	.s.	3	.s.
30-49	1	.s.	...	...	3	.s.	23	1.9
50-69	2	.s.	1	.s.	2	.s.	44	5.4
70-79	1	.s.	...	...	3	.s.	31	9.9
80-Up	1	.s.	...	...	2	.s.	29	12.7
Total	5		1		11		130	
A-AR		.s.		.s.		.s.		2.6

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 24**  
**MULTIPLE MYELOMA**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	74	71	145	Hospital	558	90.6	
2000	76	48	124	Physician	33	5.4	
2001	48	57	105	Death Cert.	12	1.9	
2002	71	61	132	Other	13	2.1	
2003	57	53	110				
Total	326	290	616				

  

Stage at Diagnosis				Histology			
Stage			N	%	Cell Type	N	%
Local			26	4.2	Plasmacytoma	25	4.1
Regional:					Myeloma, nos	591	95.9
Direct Extension Only			...	...			
Lymph Nodes Only			...	...			
Extension & Nodes			...	...			
Regional NOS			...	...			
Distant			562	91.2			
Unstageable			28	4.5			

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	12	.s.	23	4.0	35	3.4
Black	21	12.4	20	8.3	41	9.6
Hispanic	63	9.2	60	6.0	123	7.3
White	226	5.4	182	3.5	408	4.4

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	...	...	1	.s.	...	...	1	.s.
30-49	37	1.6	23	1.0	8	.s.	7	.s.
50-69	130	11.6	106	8.6	87	7.8	67	5.5
70-79	106	33.3	89	21.3	87	27.3	63	15.1
80-Up	53	32.4	71	26.2	53	32.4	61	22.5
Total	326		290		235		199	
A-AR		5.8		4.1		4.3		2.8

- N = number of cases or deaths, % = percentage of five-year total of cases  
- Histologic categories are site specific, and change from one cancer site to another.  
- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
- AAIR = age-adjusted incidence rate per 100,000 people.  
- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 24**  
**MULTIPLE MYELOMA**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	1	.s.	3	.s.	10	.s.	23	1.8
50-69	7	.s.	9	.s.	25	15.4	87	11.0
70-79	3	.s.	5	.s.	20	55.8	77	31.3
80-Up	.s.	.s.	.s.	.s.	8	.s.	39	28.1
Total	12		21		63		226	
A-AR		.s.		12.4		9.2		5.4
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	1	.s.	...	...
30-49	3	.s.	4	.s.	8	.s.	6	.s.
50-69	7	.s.	8	.s.	32	15.5	58	7.1
70-79	7	.s.	7	.s.	10	.s.	63	20.1
80-Up	6	.s.	.s.	.s.	9	.s.	55	24.0
Total	23		20		60		182	
A-AR		4.0		8.3		6.0		3.5
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	1	.s.	...	...	3	.s.	4	.s.
50-69	4	.s.	7	.s.	18	11.1	58	7.3
70-79	2	.s.	.s.	.s.	12	.s.	69	28.1
80-Up	...	...	.s.	.s.	4	.s.	45	32.4
Total	7		15		37		176	
A-AR		.s.		9.6		5.9		4.2
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	1	.s.	...	...
30-49	1	.s.	...	...	3	.s.	3	.s.
50-69	7	.s.	12	.s.	12	.s.	36	4.4
70-79	3	.s.	3	.s.	10	.s.	47	15.0
80-Up	1	.s.	...	...	3	.s.	57	24.9
Total	12		15		29		143	
A-AR		.s.		6.0		3.0		2.6

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 25**  
**NON-HODGKIN'S LYMPHOMA**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source		
Year	Male	Female	Total	Source	N	%
1999	267	174	441	Hospital	2269	95.1
2000	261	217	478	Physician	65	2.7
2001	281	203	484	Death Cert.	17	0.7
2002	273	236	509	Other	35	1.5
2003	271	203	474			
Total	1353	1033	2386			

  

Stage at Diagnosis				Histology		
Stage	N	%	Cell Type	N	%	
Local	569	23.8	Burkitts Lymphoma	48	2.0	
Regional:			MALT	154	6.5	
Direct Extension Only	...	...	Mature B-Cell	1647	69.0	
Lymph Nodes Only	...	...	Mature T- or NK-Cell	156	6.5	
Extension & Nodes	...	...	Precursor Cell	27	1.1	
Regional NOS	384	16.1	Other	354	14.8	
Distant	1163	48.7				
Unstageable	270	11.3				

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	71	15.2	61	9.0	132	11.6
Black	44	15.9	26	10.0	70	13.0
Hispanic	215	24.5	161	14.8	376	18.9
White	1006	23.9	771	15.2	1777	19.3

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	14	.s.	8	.s.	1	.s.	1	.s.
15-29	56	3.0	26	1.6	12	.s.	2	.s.
30-49	289	12.8	140	6.3	57	2.5	22	1.0
50-69	458	40.8	318	25.9	147	13.1	103	8.4
70-79	315	98.9	292	70.0	182	57.1	134	32.1
80-Up	221	135.3	249	92.0	149	91.2	166	61.3
Total	1353		1033		548		428	
A-AR		22.9		14.4		9.9		5.8

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 25**  
**NON-HODGKIN'S LYMPHOMA**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	1	.s.	1	.s.	5	.s.	7	.s.
15-29	3	.s.	5	.s.	18	2.7	30	3.6
30-49	14	.s.	18	12.8	68	12.1	186	14.3
50-69	28	27.7	13	.s.	65	40.1	343	43.2
70-79	18	72.1	6	.s.	43	120.0	243	98.8
80-Up	7	.s.	.s.	.s.	16	132.5	197	142.0
Total	71		44		215		1006	
A-AR		15.2		15.9		24.5		23.9
<b>Incidence: Females</b>								
00-14	...	...	...	...	5	.s.	3	.s.
15-29	2	.s.	...	...	10	.s.	14	.s.
30-49	6	.s.	9	.s.	38	6.5	85	7.1
50-69	27	19.9	7	.s.	58	28.1	221	27.1
70-79	23	64.3	5	.s.	26	50.9	234	74.5
80-Up	3	.s.	5	.s.	24	113.4	214	93.5
Total	61		26		161		771	
A-AR		9.0		10.0		14.8		15.2
<b>Mortality: Males</b>								
00-14	...	...	...	...	1	.s.	...	...
15-29	1	.s.	2	.s.	4	.s.	5	.s.
30-49	5	.s.	4	.s.	12	.s.	36	2.8
50-69	7	.s.	7	.s.	29	17.9	104	13.1
70-79	10	.s.	5	.s.	21	58.6	146	59.4
80-Up	8	.s.	.s.	.s.	7	.s.	132	95.1
Total	31		19		74		423	
A-AR		8.1		9.2		9.7		10.1
<b>Mortality: Females</b>								
00-14	...	...	...	...	1	.s.	...	...
15-29	1	.s.	...	...	...	...	1	.s.
30-49	3	.s.	1	.s.	8	.s.	10	.s.
50-69	6	.s.	2	.s.	18	8.7	77	9.4
70-79	11	.s.	2	.s.	10	.s.	110	35.0
80-Up	3	.s.	.s.	.s.	19	89.7	142	62.1
Total	24		6		56		340	
A-AR		4.1		.s.		6.3		6.2

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 26**  
**CANCER OF THE OVARY**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	...	254	254	Hospital	1156	95.9	
2000	...	225	225	Physician	29	2.4	
2001	...	244	244	Death Cert.	10	0.8	
2002	...	250	250	Other	10	0.8	
2003	...	232	232				
Total	...	1205	1205				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	299	24.8		Borderline Malignancy	210	17.4	
Regional:				Epithelial Tumors	889	73.8	
Direct Extension Only	142	11.8		Germ Cell Tumors	21	1.7	
Lymph Nodes Only	10	0.8		Sex Cord Tumors	11	0.9	
Extension & Nodes	11	0.9		Other	74	6.1	
Regional NOS	3	0.2					
Distant	644	53.4					
Unstageable	96	8.0					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	...	...	72	10.1	72	5.7
Black	...	...	35	12.9	35	7.0
Hispanic	...	...	159	12.9	159	7.3
White	...	...	924	19.5	924	10.2

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	3	.s.	...	...	...	...
15-29	...	...	55	3.5	...	...	4	.s.
30-49	...	...	261	11.8	...	...	60	2.7
50-69	...	...	452	36.8	...	...	259	21.1
70-79	...	...	259	62.1	...	...	201	48.2
80-Up	...	...	175	64.6	...	...	178	65.8
Total	...	...	1205	...	...	...	702	...
A-AR	...	...	...	17.0	...	...	...	9.8

- N = number of cases or deaths, % = percentage of five-year total of cases  
- Histologic categories are site specific, and change from one cancer site to another.  
- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
- AAIR = age-adjusted incidence rate per 100,000 people.  
- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 26**  
**CANCER OF THE OVARY**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...
A-AR	...	...	...	...	...	...	...	...
<b>Incidence: Females</b>								
00-14	...	...	...	...	3	.s.	...	...
15-29	9	.s.	4	.s.	11	.s.	29	4.2
30-49	19	7.6	5	.s.	55	9.3	179	14.9
50-69	30	22.1	17	33.2	60	29.1	341	41.8
70-79	10	.s.	6	.s.	17	33.3	223	71.0
80-Up	4	.s.	.s.	.s.	13	.s.	152	66.4
Total	72	...	35	...	159	...	924	...
A-AR	...	10.1	...	12.9	...	12.9	...	19.5
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...
A-AR	...	...	...	...	...	...	...	...
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	1	.s.	...	...	1	.s.	2	.s.
30-49	4	.s.	3	.s.	18	3.1	35	2.9
50-69	17	12.5	14	.s.	32	15.5	193	23.7
70-79	10	.s.	7	.s.	17	33.3	166	52.9
80-Up	4	.s.	.s.	.s.	12	.s.	158	69.0
Total	36	...	26	...	80	...	554	...
A-AR	...	6.0	...	10.4	...	8.0	...	10.7

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 27  
CANCER OF THE PANCREAS  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	130	139	269	Hospital	1305	90.1	
2000	146	168	314	Physician	102	7.0	
2001	142	143	285	Death Cert.	15	1.0	
2002	133	163	296	Other	27	1.9	
2003	128	157	285				
Total	679	770	1449				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	83	5.7		Adenocarcinoma	1075	74.2	
Regional:				Carcinoid	32	2.2	
Direct Extension Only	277	19.1		Ductal Carcinoma	69	4.8	
Lymph Nodes Only	27	1.9		Islet Cell Ca	9	0.6	
Extension & Nodes	141	9.7		Mucinous Adenocarcinoma	62	4.3	
Regional NOS	3	0.2		Other	202	13.9	
Distant	675	46.6					
Unstageable	243	16.8					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	46	10.4	54	8.8	100	9.5
Black	25	13.0	36	16.2	61	15.5
Hispanic	87	13.0	112	12.9	199	13.1
White	516	12.3	566	10.5	1082	11.4

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	5	.s.	2	.s.	...	...	...	...
30-49	43	1.9	30	1.4	38	1.7	25	1.1
50-69	266	23.7	226	18.4	238	21.2	189	15.4
70-79	228	71.6	281	67.4	229	71.9	240	57.5
80-Up	137	83.8	231	85.3	160	97.9	246	90.9
Total	679		770		665		700	
A-AR		12.2		10.7		12.1		9.6

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 27**  
**CANCER OF THE PANCREAS**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	2	.s.	3	.s.
30-49	6	.s.	2	.s.	11	.s.	24	1.8
50-69	16	15.8	13	.s.	35	21.6	198	25.0
70-79	19	76.1	8	.s.	24	67.0	177	72.0
80-Up	5	.s.	.s.	.s.	15	124.3	114	82.2
Total	46		25		87		516	
A-AR		10.4		13.0		13.0		12.3
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	1	.s.	...	...	...	...	1	.s.
30-49	...	...	2	.s.	8	.s.	20	1.7
50-69	24	17.7	14	.s.	45	21.8	143	17.5
70-79	24	67.1	7	.s.	30	58.7	219	69.8
80-Up	5	.s.	13	.s.	29	137.0	183	80.0
Total	54		36		112		566	
A-AR		8.8		16.2		12.9		10.5
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	5	.s.	3	.s.	10	.s.	19	1.5
50-69	17	16.8	15	30.9	30	18.5	176	22.2
70-79	14	.s.	6	.s.	23	64.2	186	75.6
80-Up	.s.	.s.	.s.	.s.	9	.s.	144	103.8
Total	40		27		72		525	
A-AR		8.9		13.8		10.6		12.6
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	1	.s.	1	.s.	4	.s.	19	1.6
50-69	22	16.2	13	.s.	32	15.5	121	14.8
70-79	18	50.3	8	.s.	22	43.1	192	61.2
80-Up	8	.s.	9	.s.	26	122.8	202	88.3
Total	49		31		84		534	
A-AR		8.4		14.0		9.9		9.7

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 28  
CANCER OF THE PROSTATE  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source		
Year	Male	Female	Total	Source	N	%
1999	1743	...	1743	Hospital	7758	88.5
2000	1682	...	1682	Physician	620	7.1
2001	1805	...	1805	Death Cert.	127	1.4
2002	1903	...	1903	Other	262	3.0
2003	1634	...	1634			
Total	8767	...	8767			

  

Stage at Diagnosis				Histology		
Stage	N	%	Cell Type	N	%	
Local	6588	75.1	Adenocarcinoma	8247	94.1	
Regional:			Other	520	5.9	
Direct Extension Only	754	8.6				
Lymph Nodes Only	46	0.5				
Extension & Nodes	41	0.5				
Regional NOS	5	0.1				
Distant	409	4.7				
Unstageable	924	10.5				

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	396	86.3	...	...	396	35.7
Black	535	258.7	...	...	535	115.8
Hispanic	978	147.8	...	...	978	60.9
White	6405	154.0	...	...	6405	70.0

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	1	.s.	...	...	...	...	...	...
30-49	204	9.0	...	...	8	.s.	...	...
50-69	4350	387.6	...	...	196	17.5	...	...
70-79	3014	945.9	...	...	497	156.0	...	...
80-Up	1198	733.2	...	...	761	465.7	...	...
Total	8767		...		1462		...	
A-AR		157.8		...		29.0		...

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 28**  
**CANCER OF THE PROSTATE**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	1	.s.	...	...	...	...	...	...
30-49	12	.s.	44	31.3	14	.s.	124	9.5
50-69	219	216.4	351	722.3	497	306.4	3134	395.1
70-79	136	544.6	110	1280.9	379	1057.6	2211	898.9
80-Up	28	342.1	30	980.1	88	729.0	936	674.5
Total	396		535		978		6405	
A-AR		86.3		258.7		147.8		154.0
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...		...		...		...	
A-AR		...		...		...		...
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	1	.s.	...	...	7	.s.
50-69	7	.s.	21	43.2	37	22.8	130	16.4
70-79	14	.s.	24	279.5	56	156.3	403	163.8
80-Up	20	244.4	23	751.4	54	447.3	664	478.5
Total	41		69		147		1204	
A-AR		13.5		52.0		29.3		29.6
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...		...		...		...	
A-AR		...		...		...		...

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 29  
CANCER OF THE RECTUM & RECTOSIGMOID  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	179	129	308	Hospital	1593	97.1	
2000	196	138	334	Physician	24	1.5	
2001	191	135	326	Death Cert.	3	0.2	
2002	212	151	363	Other	21	1.3	
2003	177	133	310				
Total	955	686	1641				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	704	42.9		Adenocarcinoma	1107	67.5	
Regional:				Adenoca in Adenomatous Polyp	102	6.2	
Direct Extension Only	183	11.2		Mucinous Adenocarcinoma	84	5.1	
Lymph Nodes Only	160	9.8		Papillary Adenocarcinoma	169	10.3	
Extension & Nodes	217	13.2		Other	179	10.9	
Regional NOS	2	0.1					
Distant	275	16.8					
Unstageable	100	6.1					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	79	16.7	47	7.7	126	11.6
Black	28	12.4	30	11.5	58	11.8
Hispanic	119	16.0	83	8.5	202	11.7
White	707	16.9	513	9.9	1220	13.1

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	5	.s.	3	.s.	1	.s.	1	.s.
30-49	114	5.0	77	3.5	13	.s.	13	.s.
50-69	424	37.8	230	18.7	67	6.0	31	2.5
70-79	275	86.3	213	51.1	52	16.3	35	8.4
80-Up	137	83.8	163	60.2	49	30.0	67	24.7
Total	955		686		182		147	
A-AR		16.8		9.6		3.3		2.0

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 29**  
**CANCER OF THE RECTUM & RECTOSIGMOID**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	1	.s.	4	.s.
30-49	9	.s.	4	.s.	24	4.3	74	5.7
50-69	42	41.5	19	39.1	54	33.3	297	37.4
70-79	22	88.1	.s.	.s.	30	83.7	217	88.2
80-Up	6	.s.	.s.	.s.	10	.s.	115	82.9
Total	79		28		119		707	
A-AR		16.7		12.4		16.0		16.9
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	2	.s.	1	.s.
30-49	3	.s.	9	.s.	15	2.5	47	3.9
50-69	18	13.3	12	.s.	33	16.0	163	20.0
70-79	19	53.1	5	.s.	18	35.2	166	52.9
80-Up	7	.s.	.s.	.s.	15	70.8	136	59.4
Total	47		30		83		513	
A-AR		7.7		11.5		8.5		9.9
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	1	.s.	...	...
30-49	2	.s.	3	.s.	2	.s.	6	.s.
50-69	7	.s.	3	.s.	7	.s.	50	6.3
70-79	2	.s.	...	...	5	.s.	45	18.3
80-Up	.s.	.s.	.s.	.s.	3	.s.	42	30.3
Total	13		8		18		143	
A-AR		.s.		.s.		2.5		3.5
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	1	.s.
30-49	3	.s.	1	.s.	2	.s.	7	.s.
50-69	6	.s.	2	.s.	3	.s.	20	2.5
70-79	4	.s.	1	.s.	3	.s.	27	8.6
80-Up	1	.s.	.s.	.s.	6	.s.	58	25.3
Total	14		6		14		113	
A-AR		.s.		.s.		.s.		2.0

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 30**  
**SARCOMA**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	149	106	255	Hospital	1208	92.9	
2000	147	115	262	Physician	56	4.3	
2001	129	128	257	Death Cert.	1	0.1	
2002	149	112	261	Other	36	2.8	
2003	146	120	266				
Total	720	581	1301				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	588	45.2		Angiosarcoma	33	2.5	
Regional:				Ewing's Sarcoma	27	2.1	
Direct Extension Only	302	23.2		Fibrosarcoma	219	16.8	
Lymph Nodes Only	14	1.1		Kaposi's Sarcoma	173	13.3	
Extension & Nodes	24	1.8		Leiomyosarcoma	135	10.4	
Regional NOS	4	0.3		Liposarcoma	40	3.1	
Distant	260	20.0		Osteosarcoma (not Ewing's)	104	8.0	
Unstageable	109	8.4		Other	570	43.8	
				-----			
				Soft-Tissue Origin	391	30.1	
				Other Origin	910	69.9	

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	39	6.8	43	6.2	82	6.5
Black	46	14.5	33	10.6	79	12.7
Hispanic	142	11.2	120	8.2	262	9.5
White	463	11.3	379	8.1	842	9.7

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	49	3.2	44	3.0	...	...	...	...
15-29	87	4.7	42	2.7	...	...	...	...
30-49	229	10.1	138	6.3	...	...	...	...
50-69	161	14.3	171	13.9	...	...	...	...
70-79	112	35.2	100	24.0	...	...	...	...
80-Up	82	50.2	86	31.8	...	...	...	...
Total	720		581		...		...	
A-AR		11.3		8.2		...		...

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 30**  
**SARCOMA**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	<b>N</b>	<b>A-SR</b>	<b>N</b>	<b>A-SR</b>	<b>N</b>	<b>A-SR</b>	<b>N</b>	<b>A-SR</b>
<b>Incidence: Males</b>								
00-14	5	.s.	2	.s.	15	2.5	27	4.2
15-29	5	.s.	5	.s.	26	4.0	49	5.9
30-49	12	.s.	21	14.9	61	10.8	121	9.3
50-69	6	.s.	14	.s.	22	13.6	112	14.1
70-79	11	.s.	.s.	.s.	13	.s.	81	32.9
80-Up	...	...	...	...	5	.s.	73	52.6
Total	39		46		142		463	
A-AR		6.8		14.5		11.2		11.3
<b>Incidence: Females</b>								
00-14	2	.s.	4	.s.	24	4.2	13	.s.
15-29	2	.s.	6	.s.	15	2.6	18	2.6
30-49	14	.s.	6	.s.	38	6.5	80	6.7
50-69	19	14.0	12	.s.	26	12.6	113	13.9
70-79	5	.s.	3	.s.	9	.s.	81	25.8
80-Up	1	.s.	.s.	.s.	8	.s.	74	32.3
Total	43		33		120		379	
A-AR		6.2		10.6		8.2		8.1
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...		...		...		...	
A-AR		...		...		...		...
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...		...		...		...	
A-AR		...		...		...		...

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 31  
CANCER OF THE STOMACH  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	93	77	170	Hospital	816	95.8	
2000	110	70	180	Physician	23	2.7	
2001	110	67	177	Death Cert.	7	0.8	
2002	92	69	161	Other	6	0.7	
2003	102	62	164				
Total	507	345	852				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	179	21.0		Adenocarcinoma	509	59.7	
Regional:				Malignant GI Stromal Tumor	29	3.4	
Direct Extension Only	67	7.9		Leiomyosarcoma	3	0.4	
Lymph Nodes Only	78	9.2		Mucinous Adenocarcinoma	20	2.3	
Extension & Nodes	135	15.8		Signet Ring Carcinoma	163	19.1	
Regional NOS	...	...		Other	128	15.0	
Distant	296	34.7					
Unstageable	97	11.4					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	48	11.3	36	6.3	84	8.4
Black	28	15.1	20	8.5	48	11.3
Hispanic	112	16.4	82	8.5	194	11.8
White	315	7.5	202	3.8	517	5.5

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	...	...	...	...	...	...	...	...
15-29	4	.s.	1	.s.	1	.s.	2	.s.
30-49	49	2.2	35	1.6	31	1.4	21	1.0
50-69	183	16.3	98	8.0	91	8.1	58	4.7
70-79	170	53.4	108	25.9	90	28.2	71	17.0
80-Up	101	61.8	103	38.0	87	53.2	81	29.9
Total	507		345		300		233	
A-AR		9.0		4.8		5.4		3.2

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 31**  
**CANCER OF THE STOMACH**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	1	.s.	...	...	1	.s.	2	.s.
30-49	4	.s.	5	.s.	19	3.4	21	1.6
50-69	18	17.8	11	.s.	36	22.2	115	14.5
70-79	18	72.1	9	.s.	40	111.6	103	41.9
80-Up	7	.s.	.s.	.s.	16	132.5	74	53.3
Total	48		28		112		315	
A-AR		11.3		15.1		16.4		7.5
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	1	.s.
30-49	2	.s.	3	.s.	17	2.9	13	.s.
50-69	9	.s.	7	.s.	28	13.6	52	6.4
70-79	19	53.1	8	.s.	22	43.1	57	18.2
80-Up	6	.s.	.s.	.s.	15	70.8	79	34.5
Total	36		20		82		202	
A-AR		6.3		8.5		8.5		3.8
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	1	.s.
30-49	6	.s.	4	.s.	14	.s.	7	.s.
50-69	9	.s.	5	.s.	21	12.9	56	7.1
70-79	10	.s.	5	.s.	23	64.2	52	21.1
80-Up	6	.s.	5	.s.	11	.s.	65	46.8
Total	31		19		69		181	
A-AR		7.5		12.0		10.2		4.4
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	2	.s.
30-49	...	...	...	...	15	2.5	6	.s.
50-69	4	.s.	2	.s.	18	8.7	33	4.0
70-79	10	.s.	7	.s.	19	37.2	35	11.1
80-Up	7	.s.	.s.	.s.	11	.s.	61	26.7
Total	21		11		63		137	
A-AR		4.0		.s.		6.5		2.5

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 32  
CANCER OF THE TESTIS  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	97	...	97	Hospital	416	98.6	
2000	67	...	67	Physician	3	0.7	
2001	70	...	70	Death Cert.	...	...	
2002	75	...	75	Other	3	0.7	
2003	113	...	113				
Total	422	...	422				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	276	65.4		Choriocarcinoma	7	1.7	
Regional:				Embryonal Carcinoma	37	8.8	
Direct Extension Only	24	5.7		Mixed Germ Cell	111	26.3	
Lymph Nodes Only	47	11.1		Seminoma	219	51.9	
Extension & Nodes	13	3.1		Teratoma	20	4.7	
Regional NOS	...	...		Other	28	6.6	
Distant	53	12.6					
Unstageable	9	2.1					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	9	.s.	...	...	9	.s.
Black	7	.s.	...	...	7	.s.
Hispanic	95	3.9	...	...	95	1.9
White	309	7.2	...	...	309	3.8

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	2	.s.	...	...	...	...	...	...
15-29	165	9.0	...	...	3	.s.	...	...
30-49	217	9.6	...	...	15	0.7	...	...
50-69	32	2.9	...	...	4	.s.	...	...
70-79	5	.s.	...	...	...	...	...	...
80-Up	1	.s.	...	...	...	...	...	...
Total	422		...	...	22		...	...
A-AR		5.3		...		0.3		...

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 32**  
**CANCER OF THE TESTIS**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	2	.s.
15-29	2	.s.	3	.s.	54	8.2	105	12.6
30-49	6	.s.	4	.s.	38	6.8	168	12.9
50-69	...	...	...	...	3	.s.	29	3.7
70-79	1	.s.	...	...	...	...	4	.s.
80-Up	...	...	...	...	...	...	1	.s.
Total	9		7		95		309	
A-AR		.s.		.s.		3.9		7.2
<b>Incidence: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...		...		...		...	
A-AR		...		...		...		...
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	3	.s.	...	...
30-49	1	.s.	...	...	5	.s.	9	.s.
50-69	...	...	...	...	...	...	4	.s.
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	1		...		8		13	
A-AR		.s.		...		.s.		.s.
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	...	...
50-69	...	...	...	...	...	...	...	...
70-79	...	...	...	...	...	...	...	...
80-Up	...	...	...	...	...	...	...	...
Total	...		...		...		...	
A-AR		...		...		...		...

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

**Table 33  
CANCER OF THE THYROID  
1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL  
San Diego County, Calendar Years: 1999-2003**

Number of Cases by Year and Gender				Reporting Source			
Year	Male	Female	Total	Source	N	%	
1999	53	147	200	Hospital	994	98.1	
2000	41	132	173	Physician	4	0.4	
2001	48	148	196	Death Cert.	2	0.2	
2002	62	157	219	Other	13	1.3	
2003	63	162	225				
Total	267	746	1013				

  

Stage at Diagnosis				Histology			
Stage	N	%		Cell Type	N	%	
Local	639	63.1		Follicular Adenocarcinoma	76	7.5	
Regional:				Medullary Carcinoma	17	1.7	
Direct Extension Only	70	6.9		Papillary Adenocarcinoma	510	50.3	
Lymph Nodes Only	130	12.8		Papillary & Follicular Ca	290	28.6	
Extension & Nodes	70	6.9		Other	120	11.8	
Regional NOS	...	...					
Distant	80	7.9					
Unstageable	24	2.4					

  

Race/Ethnicity: Five-year case counts and average annual age-adjusted incidence rates by gender						
Ethnicity	Males		Females		Both Sexes	
	N	AAIR	N	AAIR	N	AAIR
Asian/PacIsl	25	5.0	120	15.9	145	11.0
Black	7	.s.	22	5.9	29	4.3
Hispanic	50	4.1	169	11.1	219	7.9
White	182	4.3	430	10.3	612	7.2

**Incidence and Mortality: Five-year case counts and average annual age-specific and age-adjusted rates by gender**

Age	Incidence				Mortality			
	Male		Female		Male		Female	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
00-14	1	.s.	3	.s.	...	...	...	...
15-29	20	1.1	104	6.6	...	...	...	...
30-49	88	3.9	339	15.4	1	.s.	2	.s.
50-69	118	10.5	212	17.3	14	.s.	7	.s.
70-79	28	8.8	61	14.6	8	.s.	11	.s.
80-Up	12	.s.	27	10.0	5	.s.	11	.s.
Total	267		746		28		31	
A-AR		4.1		10.4		0.5		0.4

- N = number of cases or deaths, % = percentage of five-year total of cases  
 - Histologic categories are site specific, and change from one cancer site to another.  
 - Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.  
 - AAIR = age-adjusted incidence rate per 100,000 people.  
 - A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.  
 - A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.  
 Sources of data and methods for calculations and suppressed data (.s.,...&.) are given on pages 10-14 of this report.

Note: The age-adjusted rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 33**  
**CANCER OF THE THYROID**  
**1999-2003**

**SAN DIEGO / IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**San Diego County, Calendar Years: 1999-2003**

<b>Race/Ethnicity: Five-year case counts and average annual age-specific incidence rates by gender</b>								
	<b>Asian / Pacific Islander</b>		<b>non-Hispanic Black</b>		<b>Hispanic</b>		<b>non-Hispanic White</b>	
	N	A-SR	N	A-SR	N	A-SR	N	A-SR
<b>Incidence: Males</b>								
00-14	...	...	...	...	...	...	1	.s.
15-29	...	...	...	...	7	.s.	13	.s.
30-49	6	.s.	2	.s.	21	3.7	58	4.5
50-69	11	.s.	3	.s.	20	12.3	83	10.5
70-79	6	.s.	.s.	.s.	2	.s.	17	6.9
80-Up	.s.	.s.	...	...	...	...	10	.s.
Total	25		7		50		182	
A-AR		5.0		.s.		4.1		4.3
<b>Incidence: Females</b>								
00-14	...	...	...	...	2	.s.	1	.s.
15-29	11	.s.	5	.s.	30	5.2	58	8.4
30-49	47	18.7	14	.s.	77	13.1	200	16.7
50-69	51	37.6	1	.s.	42	20.4	116	14.2
70-79	9	.s.	2	.s.	14	.s.	35	11.1
80-Up	2	.s.	...	...	4	.s.	20	8.7
Total	120		22		169		430	
A-AR		15.9		5.9		11.1		10.3
<b>Mortality: Males</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	...	...	...	...	1	.s.
50-69	1	.s.	3	.s.	3	.s.	7	.s.
70-79	...	...	...	...	1	.s.	7	.s.
80-Up	...	...	...	...	...	...	5	.s.
Total	1		3		4		20	
A-AR		.s.		.s.		.s.		0.5
<b>Mortality: Females</b>								
00-14	...	...	...	...	...	...	...	...
15-29	...	...	...	...	...	...	...	...
30-49	...	...	1	.s.	1	.s.	...	...
50-69	3	.s.	...	...	1	.s.	3	.s.
70-79	2	.s.	...	...	2	.s.	7	.s.
80-Up	2	.s.	...	...	1	.s.	8	.s.
Total	7		1		5		18	
A-AR		.s.		.s.		.s.		0.3

- N = number of cases or deaths, as appropriate

- Ethnic categories are mutually exclusive, and Hispanics are not included in any other ethnic group.

- A-SR = age-specific rate per 100,000 people, for incidence or mortality, as appropriate.

- A-AR = age-adjusted rate per 100,000 people, for incidence or mortality, as appropriate.

\* Rates for 'Other/Unknown' group are not estimated because no population estimates exist.

Sources of data and methods for calculations and suppressed data (.s.,.&.) are given on pages 10-14 of this report.

Note: The age-adjusted are calculated using the Year 2000 Population Standard (see page 14).

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## SECTION V

### **FIVE-YEAR (1999-2003) INCIDENCE COUNTS AND AVERAGE-ANNUAL, AGE-ADJUSTED INCIDENCE RATES FOR ALL RACE / ETHNICITIES COMBINED, BY GENDER, FOR 97 CANCER SITES AND SITE GROUPS, AND CANCER OF ALL SITES**

Table 34 presents five-year incidence counts and average-annual, age-adjusted incidence rates for 97 cancer sites and groups of sites, plus cancer of all sites, by gender, for all race/ethnic groups combined. In this table the cancer types are organized hierarchically, by anatomic system. The nosology is consistent with that of the Surveillance, Epidemiology, and End-Results Program of the National Cancer Institute<sup>8</sup>. There are separate columns for males only, females only, and both sexes combined. For each gender grouping, the number on the left is the count of incident cases in San Diego County over the five-year period. The number on the right is the age-adjusted incidence rate. The latter figure is more meaningful for comparisons with other cancer statistics (see discussion of age-adjusted rates, page 12; see Cautions on Interpretation, page 14).

Table 35 presents information for sarcoma in the same format. Sarcoma is presented by type, and again by origin.

**Table 34**

**SAN DIEGO/IMPERIAL ORGANIZATION FOR CANCER CONTROL**

**Five-Year Annual Incidence Counts and Average-Annual, Age-Adjusted Incidence Rates per 100,000 by Cancer Site, 1999-2003**

**SEER\* Site Groupings**

GENDER CANCER SITE	MALE		FEMALE		BOTH	
	N	AAIR	N	AAIR	N	AAIR
ALL SITES	30911	543.2	29077	410.1	59988	464.9
BUCCAL CAVITY	1073	18.1	462	6.5	1535	11.9
LIP	133	2.2	32	0.4	165	1.3
TONGUE	282	4.8	98	1.4	380	2.9
SALIVARY GLANDS	98	1.7	56	0.8	154	1.2
FLOOR OF MOUTH	61	1.1	33	0.5	94	0.7
GUM & OTHER MOUTH	123	2.1	112	1.6	235	1.8
NASOPHARYNX	64	1.0	23	0.3	87	0.6
TONSIL	178	2.9	54	0.8	232	1.8
OROPHARYNX	30	0.5	5	.s.	35	0.3
HYPOPHARYNX	80	1.4	30	0.4	110	0.9
OTHER BUCCAL CAVITY	24	0.4	19	0.3	43	0.3
DIGESTIVE SYSTEM	5667	100.9	4818	66.9	10485	82.1
ESOPHAGUS	420	7.5	144	2.0	564	4.5
STOMACH	507	9.0	345	4.8	852	6.7
SMALL INTESTINE	99	1.7	87	1.2	186	1.4
COLON	2132	38.6	2071	28.5	4203	32.9
CECUM	446	8.2	541	7.4	987	7.7
APPENDIX	32	0.5	38	0.6	70	0.5
ASCENDING COLON	337	6.2	352	4.8	689	5.4
HEPATIC FLEXURE	127	2.3	99	1.4	226	1.8
TRANSVERSE COLON	187	3.4	196	2.7	383	3.0
SPLENIC FLEXURE	84	1.5	67	0.9	151	1.2
DESCENDING COLON	128	2.3	93	1.3	221	1.7
SIGMOID COLON	674	11.9	550	7.7	1224	9.6
LARGE INTESTINE NOS	117	2.2	135	1.8	252	2.0
RECTUM/RECTOSIGMOID	955	16.8	686	9.6	1641	12.8
RECTOSIGMOID JUNCTION	280	4.9	210	3.0	490	3.8
RECTUM	675	11.8	476	6.7	1151	9.0
ANUS	115	1.8	130	1.9	245	1.9
LIVER	506	8.6	245	3.5	751	5.8
INTRAHEPATIC BILE DUCT	51	0.9	36	0.5	87	0.7
GALLBLADDER	44	0.8	99	1.4	143	1.1
OTHER BILIARY	105	1.9	90	1.2	195	1.5
PANCREAS	679	12.2	770	10.7	1449	11.4
RETROPERITONEUM	26	0.4	19	0.3	45	0.3
PERITONEUM, OMENTUM, & MESENTERY	12	.s.	75	1.1	87	0.7
OTHER DIGESTIVE SYSTEM	16	0.3	21	0.3	37	0.3

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* SEER stands for the Surveillance, Epidemiology, and End Results Program of the National Cancer Institute.

Data suppression rules (.s., &. ) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 34 (continued)**

**SAN DIEGO/IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**Five-Year Annual Incidence Counts and Average-Annual, Age-Adjusted Incidence Rates per 100,000 by Cancer Site,**  
**1999-2003**  
**SEER\* Site Groupings**

GENDER  CANCER SITE	MALE		FEMALE		BOTH	
	N	AAIR	N	AAIR	N	AAIR
RESPIRATORY SYSTEM	4472	80.5	3682	52.0	8154	64.3
NASAL CAV. MID. EAR ACCES.SINUSES	39	0.7	29	0.4	68	0.5
LARYNX	321	5.7	87	1.2	408	3.2
LUNG & BRONCHUS	3989	72.0	3536	49.9	7525	59.4
PLEURA	105	1.9	23	0.3	128	1.0
TRACHEA MEDIASTINUM OTHER RESPIR.	18	0.3	7	.s.	25	0.2
BONES & JOINTS	100	1.5	57	0.8	157	1.1
SOFT TISSUE & HEART	239	3.9	184	2.6	423	3.1
SKIN	2317	38.8	1549	21.7	3866	29.0
MALIGNANT MELANOMA (SKIN)	2005	33.6	1438	20.1	3443	25.9
OTHER NON-EPITHELIAL SKIN	312	5.2	111	1.5	423	3.2
BREAST	54	1.0	9397	134.5	9451	72.8
FEMALE GENITAL SYSTEM	...	...	3381	48.0	3381	25.7
CERVIX	...	...	525	7.4	525	3.8
ENDOMETRIUM	...	...	1396	20.0	1396	10.8
UTERUS NOS	...	...	47	0.7	47	0.4
OVARY	...	...	1205	17.0	1205	9.1
VAGINA	...	...	47	0.7	47	0.4
VULVA	...	...	108	1.5	108	0.8
OTHER FEMALE GENITAL ORGANS	...	...	53	0.8	53	0.4
MALE GENITAL SYSTEM	9249	164.1	...	...	9249	73.0
PROSTATE	8767	157.8	...	...	8767	69.9
TESTIS	422	5.3	...	...	422	2.7
PENIS	43	0.8	...	...	43	0.3
OTHER MALE GENITAL ORGANS	17	0.3	...	...	17	0.1
URINARY SYSTEM	2933	52.8	1175	16.4	4108	32.1
BLADDER (urinary)	1899	35.0	602	8.3	2501	19.7
KIDNEY & RENAL PELVIS	965	16.6	525	7.4	1490	11.6
URETER	41	0.7	30	0.4	71	0.6
OTHER URINARY SYSTEM	28	0.5	18	0.3	46	0.4
EYE & ORBIT	58	1.0	49	0.7	107	0.8
BRAIN/CNS	487	7.8	388	5.5	875	6.5
BRAIN	468	7.5	367	5.2	835	6.2
OTHER NERVOUS SYSTEM	19	0.3	21	0.3	40	0.3

N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* SEER stands for the Surveillance, Epidemiology, and End Results Program of the National Cancer Institute.

Data suppression rules (.s.,&.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

**Table 34 (continued)****SAN DIEGO/IMPERIAL ORGANIZATION FOR CANCER CONTROL****Five-Year Annual Incidence Counts and Average-Annual, Age-Adjusted Incidence Rates per 100,000 by Cancer Site, 1999-2003****SEER\* Site Groupings**

GENDER CANCER SITE	MALE		FEMALE		BOTH	
	N	AAIR	N	AAIR	N	AAIR
ENDOCRINE SYSTEM	325	5.0	778	10.9	1103	7.9
THYROID	267	4.1	746	10.4	1013	7.3
OTHER ENDOCRINE including thymus	58	0.9	32	0.5	90	0.7
LYMPHOMAS	1561	25.8	1196	16.6	2757	20.8
HODGKINS LYMPHOMA	208	2.9	163	2.2	371	2.5
NODAL-HODGKINS	203	2.8	162	2.2	365	2.5
EXTRANODAL-HODGKINS	5	.s.	1	.s.	6	.s.
NON-HODGKINS LYMPHOMA	1353	22.9	1033	14.4	2386	18.3
NODAL-NHL	963	16.3	744	10.3	1707	13.0
EXTRANODAL-NHL	390	6.6	289	4.1	679	5.2
MULTIPLE MYELOMA	326	5.8	290	4.1	616	4.8
LEUKEMIA	1022	17.5	683	9.5	1705	13.0
LYMPHOCYTIC	483	8.1	330	4.6	813	6.2
ACUTE	148	2.0	117	1.7	265	1.9
CHRONIC	288	5.3	200	2.8	488	3.9
OTHER	47	0.8	13	.s.	60	0.5
MYELOID / MONOCYTIC	483	8.4	312	4.4	795	6.1
ACUTE MYELOID	300	5.1	207	2.9	507	3.9
ACUTE MONOCYTIC	39	0.7	26	0.4	65	0.5
CHRONIC MYELOID	128	2.2	74	1.0	202	1.5
OTHER	16	0.3	5	.s.	21	0.2
OTHER LEUKEMIA	56	1.1	41	0.6	97	0.8
ACUTE	30	0.6	20	0.3	50	0.4
A- or SUB-LEUKEMIC and NOS	26	0.5	21	0.3	47	0.4
Miscellaneous	1023	18.7	980	13.5	2003	15.7
Invalid Site / Hist	5	.s.	8	.s.	13	.s.

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N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* SEER stands for the Surveillance, Epidemiology, and End Results Program of the National Cancer Institute.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

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Table 35

**SAN DIEGO/IMPERIAL ORGANIZATION FOR CANCER CONTROL**  
**Five-Year Annual Incidence Counts and Average-Annual, Age-Adjusted Incidence Rates per 100,000**  
**1999-2003**  
**Sarcoma**

GENDER	MALE		FEMALE		BOTH	
	N	AAIR	N	AAIR	N	AAIR
CANCER SITE						
ALL SARCOMA	720	11.3	581	8.2	1301	9.6
ANGIOSARCOMA	15	0.3	18	0.3	33	0.3
EWING'S SARCOMA	17	0.2	10	.s.	27	0.2
FIBRO SARCOMA	135	2.3	84	1.2	219	1.6
KAPOSI'S SARCOMA	161	2.3	12	.s.	173	1.2
LEIOMYOSARCOMA	47	0.8	88	1.2	135	1.0
LIPOSARCOMA	21	0.3	19	0.3	40	0.3
OSTEOSARCOMA (not Ewing's)	65	0.9	39	0.6	104	0.7
OTHER SARCOMA	259	4.1	311	4.4	570	4.3
SOFT-TISSUE ORIGIN	222	3.6	169	2.4	391	2.9
OTHER ORIGIN	498	7.7	412	5.8	910	6.7

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N = Number of Cases, AAIR = Age-Adjusted Incidence Rate

Sources of data and methods of calculation appear on pages 10-14 of this report.

\* SEER stands for the Surveillance, Epidemiology, and End Results Program of the National Cancer Institute.

Data suppression rules (.s., &.) are given on pages 13-14 of this report.

Note: These rates are calculated using the Year 2000 Population Standard (see page 14).

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# **CANCER INCIDENCE AND MORTALITY IN ORANGE COUNTY 1999 - 2003**

## **APPENDICES**

- 1 Population Estimates (see page 11)
- 2 References
- 3 Reporting Sources and Case Ascertainment

**APPENDIX 1**

**Five-Year Population Estimates for San Diego County, by Age Group, Gender, and Race/Ethnicity  
 1999-2003**

Age Group	Asian/Pacific Islander		Non-Hispanic Black		Hispanic	
	Male	Female	Male	Female	Male	Female
00-04	42281	39333	32792	31318	197287	191228
05-09	45747	41874	38711	36871	196734	187190
10-14	48602	45042	38307	37019	194730	186488
15-19	54664	51592	36889	31561	197470	180011
20-24	65091	61699	44637	30480	241727	197142
25-29	61129	63437	37396	28554	217884	204925
30-34	57870	65916	37549	31855	194703	186309
35-39	56730	64855	40157	34435	156451	163131
40-44	51676	62726	36019	31450	121887	136500
45-49	46658	57691	26940	24622	89692	102748
50-54	37308	47818	18639	18532	63101	74387
55-59	25636	33041	12133	13253	42198	54344
60-64	20930	28208	10290	11087	30953	41712
65-69	17313	26488	7532	8397	25974	35737
70-74	14194	21639	4960	6820	21054	29951
75-79	10779	14116	3628	5100	14782	21149
80-84	5186	7586	1881	3177	7678	11901
85-up	2998	4625	1180	2920	4394	9272
Total	664792	737686	429640	387451	2018699	2014125

Age Group	Non-Hispanic White		Total	
	Male	Female	Male	Female
00-04	200972	191287	501561	480282
05-09	216154	204005	520002	491646
10-14	226083	214056	528233	502309
15-19	240020	208689	546748	488915
20-24	303774	236103	673285	541390
25-29	287358	243107	618088	553407
30-34	300131	265703	602154	561411
35-39	328735	297159	593507	570846
40-44	350208	325163	570723	567130
45-49	319746	312073	492001	506265
50-54	285081	281895	410742	429962
55-59	216916	217967	301504	323641
60-64	155794	166927	221278	251605
65-69	135383	148828	188745	222451
70-74	129704	154864	171864	215830
75-79	116273	159107	146770	201322
80-84	83583	120312	99078	144147
85-up	55178	108519	64323	126573
Total	3951093	3855764	7250606	7179132

Source: Demographic Research Unit, California Department of Finance (see reference 3)

**Annual Mid-Year Population Estimates for San Diego County, by Age Group and Gender**  
(continued on following page)

Age Group	1988		1989		1990	
	Male	Female	Male	Female	Male	Female
00-04	96051	91193	100188	95215	104238	99072
05-09	83726	79104	87615	83127	91232	86128
10-14	71554	68234	74546	71133	83362	77515
15-19	103295	83273	101048	82646	95469	81434
20-24	140667	101626	144370	104495	143644	106241
25-29	127761	110747	133945	114955	137139	116881
30-34	115302	106458	121150	111250	126019	115249
35-39	95002	91870	100421	96657	105239	101308
40-44	78105	77290	82336	81684	87147	86505
45-49	54370	55360	57949	59123	60971	62321
50-54	42959	45774	45065	47980	46949	50016
55-59	41490	45081	42164	45593	41949	45765
60-64	39888	48303	40348	48416	40547	47467
65-69	38273	45945	39899	48533	40096	49741
70-74	28275	36200	30111	38068	31291	39213
75-79	18960	27128	20229	28740	20997	29827
80-84	10627	17891	11297	18987	11666	19421
85-up	7245	15984	7160	16364	6913	15938
Total	1193550	1147461	1239841	1192966	1274868	1230042

Age Group	1991		1992		1993	
	Male	Female	Male	Female	Male	Female
00-04	110673	105042	115501	109938	117206	111515
05-09	93199	88316	95060	90108	96127	91269
10-14	91824	82859	97567	86385	99974	88265
15-19	88026	79430	88345	80904	92694	83261
20-24	140815	105700	132884	102916	121578	98848
25-29	135462	114496	133506	112157	130060	108259
30-34	128637	117194	129047	117236	128158	116302
35-39	108900	104706	112061	107790	113485	108738
40-44	91570	90920	92361	91712	93351	92763
45-49	64541	65603	70275	71130	73715	74656
50-54	48556	51701	50169	53414	52490	55705
55-59	41760	45898	42056	46274	42180	46458
60-64	40861	46859	40572	46025	39902	45036
65-69	39356	49245	38218	48212	37211	46873
70-74	32516	40756	33499	42027	33756	42652
75-79	21783	30471	22368	30940	22777	31191
80-84	12275	20037	12851	20550	13258	20884
85-up	7677	16940	8349	17812	8863	18436
Total	1298431	1256173	1314689	1275530	1316785	1281111

Source: Demographic Research Unit, California Department of Finance (see reference 3)

Annual Mid-Year Population Estimates for San Diego County, by Age Group and Gender  
 (continued)

Age Group	1994		1995		1996	
	Male	Female	Male	Female	Male	Female
00-04	118206	111985	115910	109547	112285	106395
05-09	98219	93248	100529	95736	103754	98503
10-14	99530	89329	96892	88670	93771	87758
15-19	99583	86461	106370	89642	113169	92813
20-24	111834	95308	104940	92316	102513	91295
25-29	127284	105605	124180	104152	121228	104360
30-34	127284	115284	124710	112797	121087	109377
35-39	114421	109369	115231	109749	116048	110440
40-44	95170	94554	96886	96359	98869	98545
45-49	77062	78421	80818	82212	84016	85684
50-54	54530	57534	56361	59194	58828	61425
55-59	42732	47135	43274	47761	44087	48640
60-64	39349	44312	38658	43762	38169	43460
65-69	36462	45572	36307	44333	36342	43551
70-74	33919	43376	33582	43710	33116	43436
75-79	23178	31412	23745	31815	24687	33042
80-84	13710	21431	14150	22075	14533	22501
85-up	9271	18914	9528	19283	9634	19639
Total	1321744	1289250	1322071	1293113	1326136	1300864

Age Group	1997		1998		1999	
	Male	Female	Male	Female	Male	Female
00-04	110244	104133	106674	101340	103997	98821
05-09	106947	101871	108617	102998	109865	103974
10-14	94579	89146	96506	91596	99474	94394
15-19	117623	95687	117299	96808	112331	96643
20-24	107207	94421	115485	98506	123759	101464
25-29	119108	105266	117151	105963	117057	106174
30-34	118874	108340	116411	107043	114890	106588
35-39	117881	111952	118754	113314	120400	114746
40-44	102393	102478	105840	105529	108685	108090
45-49	85772	87575	87857	90085	91158	93376
50-54	64791	67436	69609	72245	74039	77308
55-59	46136	50724	49146	53901	52242	56589
60-64	38760	44271	39617	45314	40945	46747
65-69	36807	43553	37061	43621	37463	43825
70-74	32887	43517	33094	43708	33457	43812
75-79	26138	34995	27228	36706	28822	38850
80-84	15163	23299	15830	24242	16986	25552
85-up	9795	20228	9867	20736	10951	22834
Total	1351105	1328892	1372046	1353655	1396521	1379787

Source: Demographic Research Unit, California Department of Finance (see reference 3)

**Annual Mid-Year Population Estimates for San Diego County, by Age Group and Gender**  
(continued)

Age Group	2000		2001		2002	
	Male	Female	Male	Female	Male	Female
00-04	99698	95334	98990	95035	99106	95298
05-09	107223	101170	104717	98861	101622	96016
10-14	103368	98582	107228	101965	109318	104048
15-19	106800	95575	106869	95981	108665	98497
20-24	132309	105922	135778	109140	138684	111188
25-29	119237	107003	121988	109037	126836	112867
30-34	116523	108735	120702	112770	124193	115881
35-39	119647	114518	118849	114020	118116	114142
40-44	111988	110992	115017	113944	117384	116363
45-49	94988	97559	98569	101508	102267	105510
50-54	80105	83515	83816	87626	85530	89615
55-59	55742	60022	59448	63699	64934	69354
60-64	42467	48430	43735	49823	45795	51937
65-69	37677	44171	37506	44213	37753	44700
70-74	34631	43706	34690	43137	34647	42712
75-79	29988	40929	29731	40916	29265	40556
80-84	19243	27779	20193	29077	21111	30440
85-up	12293	24694	12981	25545	13764	26471
Total	1423927	1408636	1450807	1436297	1478990	1465595

Age Group	2003	
	Male	Female
00-04	99770	95794
05-09	96575	91625
10-14	108845	103320
15-19	112083	102219
20-24	142755	113676
25-29	132970	118326
30-34	125846	117437
35-39	116495	113420
40-44	117649	117741
45-49	105019	108312
50-54	87252	91898
55-59	69138	73977
60-64	48336	54668
65-69	38346	45542
70-74	34439	42463
75-79	28964	40071
80-84	21545	31299
85-up	14334	27029
Total	1500361	1488817

Source: Demographic Research Unit, California Department of Finance (see reference 3)

## APPENDIX 2

### REFERENCES

1. Anton-Culver H, Culver BD, Kurosaki T, Osann K, Lee JB. Incidence of lung cancer by histologic type from a population-based registry. *Cancer Research* 48, 6580-6583, 1988.
2. World Health Organization. *International Classification of Diseases, Ninth Revision*. Geneva: World Health Organization, 1977.
3. World Health Organization. *International Statistical Classification of Diseases and Related Health Problems, Tenth Revision*. Geneva: World Health Organization, 1992.
4. California Department of Finance. Race/ethnic population with age and sex detail, 1970-1989. Sacramento, CA: State of California, Department of Finance, Demographic Research Unit, December, 1998.
5. California Department of Finance. Race/ethnic population with age and sex detail, 1990-1999. Sacramento, CA: State of California, Department of Finance, Demographic Research Unit, May, 2004.
6. California Department of Finance. Race/ethnic population with age and sex detail, 2000-2050. Sacramento, CA: State of California, Department of Finance, Demographic Research Unit, May, 2004.
7. Fritz A, Percy C, Jack A, Shanmugaratnam K, Sobin L, Parkin DM, Whelan S. (Eds). *International Classification of Diseases for Oncology, 3rd Ed*. Geneva: World Health Organization, 2000.
8. Ries LAG, Eisner MP, Kosary CL, Hankey BF, Miller BA, Clegg L, Mariotto A, Feuer EJ, Edwards BK (eds). SEER Cancer Statistics Review, 1975-2001, National Cancer Institute. Bethesda, MD, [http://seer.cancer.gov/csr/1975\\_2001/](http://seer.cancer.gov/csr/1975_2001/), 2004.
9. Kwong SL, Perkins CI, Morris CR, Cohen R, Allen M, Schlag R, Wright WE. *Cancer in California: 1988-1998*. Sacramento: California Department of Health Services, Cancer Surveillance Section, December 2000.
10. SEER (Surveillance, Epidemiology, and End Results Program). *SEER Edit Documentation*. Bethesda: SEER Program, National Cancer Institute. May, 1993.
11. Bureau of the Census. *Census 2000 Summary File 1: 2000 Census of Population and Housing [database online]*. Washington, DC: US Department of Commerce, U.S. Census Bureau, December 2001.
12. Fleiss JL. *Statistical Methods for Rates and Proportions, Second Edition*. New York: Wiley & Sons, 1981.

## **APPENDIX 3**

### **REPORTING SOURCES AND CASE ASCERTAINMENT**

CSPOC/SANDIOCC collects data on every resident of Orange, San Diego, and Imperial County having a diagnosis of malignancy (except basal and squamous cell carcinoma of the skin). The data set maintained by CSPOC/SANDIOCC on cancer cases is comprised of items required by the State Department of Health Services, augmented by those recommended by the American College of Surgeons, the SEER program of the National Cancer Institute, and of interest at the regional level. Operations are highly automated, and data processing routinely includes thorough and comprehensive data edits. Quality-control measures are carried out at all phases of data collection, from case-finding procedures through re-abstracting of cases and consolidation of separate reports on the same tumor in the same patient.

As part of the California-wide cancer-reporting system, CSPOC/SANDIOCC receives information on all cancers diagnosed among residents of San Diego County at any facility in California. CSPOC/SANDIOCC incidence data are periodically checked against State mortality files conditioned on cancer as the cause of death. In addition, case-finding audits are periodically performed. Case-reporting sources include: hospitals, out-patient clinics, pathology laboratories, the Coroner's Office, and individual physicians. Space considerations preclude an exhaustive listing of sources of case reports, but the following is a list of major reporting facilities that have contributed to the data presented in this report.

*NOTE: FACILITIES THAT HAVE CHANGED NAMES OR OWNERSHIP ARE LISTED UNDER THE CURRENT NAME ONLY.*

### **MAJOR REPORTING FACILITIES**

ALVARADO HOSPITAL MEDICAL CENTER  
CHILDREN'S HOSPITAL AND HEALTH CENTER  
ESCONDIDO SURGERY CENTER  
FALLBROOK HOSPITAL  
KAISER PERMANENTE SAN DIEGO MEDICAL CENTER / KAISER FOUNDATION HOSPITAL  
NAVAL HOSPITAL, CAMP PENDLETON  
NAVAL MEDICAL CENTER, SAN DIEGO  
NORTH COUNTY RADIATION ONCOLOGY  
ONCOLOGY THERAPIES OF VISTA  
PALOMAR MEDICAL CENTER  
PARADISE VALLEY HOSPITAL  
POMERADO HOSPITAL  
RADIATION MEDICAL GROUP  
SCRIPPS GREEN HOSPITAL  
SCRIPPS MERCY HOSPITAL CHULA VISTA  
SCRIPPS MEMORIAL HOSPITAL ENCINITAS  
SCRIPPS MEMORIAL HOSPITAL LA JOLLA  
SCRIPPS MERCY HOSPITAL  
SHARP CHULA VISTA MEDICAL CENTER  
SHARP CORONADO HOSPITAL  
SHARP GROSSMONT HOSPITAL  
SHARP MARY BIRCH HOSPITAL FOR WOMEN  
SHARP MEMORIAL HOSPITAL  
SHARP REES STEALY MEDICAL GROUP  
TRI-CITY MEDICAL CENTER  
UNIVERSITY OF CALIFORNIA, SAN DIEGO MEDICAL CENTERS  
VETERANS AFFAIRS SAN DIEGO HEALTHCARE SYSTEM  
UNIVERSITY COMMUNITY MEDICAL CENTER