Sources of Information

The information presented in this Statistical Abstract was obtained from many sources and databases. What follows is a list of the sources of information.

ACADEMIC PLANNING DATABASE (APDB) — Contains information on all persons who are compensated from instructional budget accounts and persons having teaching responsibilities in the CSU, regardless of funding sources. In addition, the APDB contains information on each class section that is offered and the resources used to teach these courses each term. Data from the APDB are used to provide information for periodic reporting by the Chancellor’s Office to federal and state agencies. An important use of the database has been its utility in the allocation of faculty positions to each campus in the annual budget. Annual studies of facility utilization also are supported by data from the APDB, and these studies are used to support requests for new facilities or major changes using capital outlay funds. Some of the standard reports prepared using the APDB are the Course Section Report (CSR); Faculty Assignments by Department (FAD); Section Size Frequency Distribution (SSFD); Course and Section Data Report (CSDR); Summary by Classification and Level (SCAL); and the Modified Class Section Report (MCSR).

BUDGET DATA SYSTEM (BDS) — The BDS is a CSU management information system consisting of three elements: the Database Maintenance Sub-System, which is a set of computer programs designed to create and maintain the budget files; the Data Manipulation Sub-System, which is a set of computer programs that provide for flexibility in the manipulation of data for various costing and reporting systems; and the Data Reporting Sub-System, which is a set of computer programs that display data in formatted reports. The purpose of the BDS was to establish an effective basis for formulation, development and justification of budget requests and to provide reliable budgetary and managerial data used in executing the budget.

CALIFORNIA BASIC EDUCATIONAL DATA SYSTEMS (CBEDS) — Developed by the California State Department of Education, the CBEDS contains basic information about staff, enrollment, teachers, salary, facilities, curriculum, and community demography regarding the state’s elementary and secondary schools. The information is used to produce state and federal reports required by the Education Code and respond to informational requests from the state legislature, other state or local governmental agencies, professional or research organizations, university researchers and the general public. CSU uses CBEDS to provide information to the campuses about K-12 enrollment (county, district and school), high school graduates and characteristics of professional staff. The information then is used to project enrollments, estimating potential demand for teachers and determining the trends of the number of college preparatory courses in the state’s high schools and the student enrollments in them.

CALIFORNIA POSTSECONDARY EDUCATION COMMISSION (CPEC) DATABASES — A series of relational databases has been designed which contain a wide variety of data pertaining to postsecondary education in California. These databases reside on the Teradata DBC-1012 at the Teale Data Center and the Commission has selected Nomad as the standard for a front-end to access the data. The entire system is driven by a set of menus that permit the Commission’s users to add additional information, update existing information, create reports, and extract data files. The Commission’s databases include the following:

Supplemental Database — This database was designed to provide a series of look-up tables for the rest of the databases. These tables primarily provide translations of the various codes used in the database. Included in this database are tables containing the District Codes assigned to each district and the CDS Codes assigned to each school in the state by the Department of Education.

Institutional Characteristics and Program Inventory — This database includes characteristic and program inventory information for each institution for which the Commission collects data.

Postsecondary Enrollments — This database contains aggregated information pertaining to the enrollment in each of the institutions for which the Commission collects data. This database contains information dating back to 1976.

Degrees and Certificates Awarded — This database contains aggregated information pertaining to the degrees and certificates awarded by each of the institutions for which the Commission collects data. This database contains information dating back to 1976.

First-Time Freshmen — This database contains aggregated information pertaining to the first-time freshman enrollment of each of the institutions for which the Commission collects data. This database contains information dating back to 1979.

Transfer Students — This database contains aggregated information pertaining to transfer students in each of the institutions for which the Commission collects data. This database contains information dating back to 1976.

Elementary and High School Data — This database contains aggregated information pertaining to the enrollment and graduates for public schools in the state. This data originated from the CBEDS information collected by the Department of Education. It also includes private high school enrollment and graduate data, information on AFDC by school area, and parental education levels. At this time there is data in this database dating from 1985 to the present time.

Eligibility Study — This database contains the data used in the 1990 Eligibility Study. In addition, as time and resources permit, the data from the 1983 and the 1986 studies will be included. The data permits the user to view the data by county, high school, and eligibility.

CAMPUS ACREAGE DATA — Campus acreage information is obtained from the Legal Descriptions in the acquisition documents for CSU property. These records are maintained in the Construction Management Section of Capital Planning,
Sources of Information (continued)

Design and Construction (formerly Physical Planning and Development). Master Plan acreage by function represents the current campus physical master plan approved by the CSU Board of Trustees. The board requires that every campus have a master plan which reflects the existing and anticipated facilities necessary to accommodate the physical requirements of academic programs and auxiliary activities for a specified enrollment at an estimated target date. Campus master plans are maintained in the Planning Section of Capital Planning, Design and Construction (formerly Physical Planning and Development).

CENSUS DATA — The State Census Data Center (SCDC) was established on January 1, 1979, to serve as the central point for dissemination of census data to state and local government agencies and the general public in California. The SCDC program is a national effort by the U.S. Bureau of the Census designed to increase and improve public access to census statistical products. The SCDC provides services in processing machine-readable data, user consultation, data analysis and provides user training workshops upon request. The SCDC library houses a broad spectrum of data sources including the 1970, 1980, and 1990 decennial censuses, the census of Agriculture, the Economic Censuses, and several special and periodic surveys. Data projections include county populations by age and gender, the state population by age, gender and race/ethnicity, households, average household size, K-12 enrollment and high school graduates, higher education enrollment, and estimates the change in adult population for community college districts. The SCDC also provides annual population estimates of the state, counties and cities. Information on housing units, vacancies, average household size, components of population change, migration, and special populations also is available.

CONTINUING EDUCATION INFORMATION — Information describing continuing education and summer session enrollments is obtained from an annual written report compiled by the Deans of Continuing/Extended Education. The report contains information on gross enrollments, student credit units, full-time equivalent students, and course sections. Data on continuing/extended education program and summer session revenues are provided by the CSU Controller’s Office from regular reports issued by campus business offices.

COSAR Tables — These tables consist of numerical codes with alphabetic description data on U.S. institutions of higher education, California public and private schools, degrees, majors, academic disciplines, CSU academic school organizations, teaching credentials and other related items. The primary purpose of the COSAR tables is to provide an English description for the numeric codes used in numerous databases throughout the CSU.

DATA FOR SELECTED DISCIPLINES (DSD) — This database consists of information that provides comparative data patterns for specified disciplines over a five-year time span. For each discipline, course information is calculated or summarized and related to degree production by campus and systemwide. The DSD provides current and historical data that are supportive of academic program review within the Division of Educational Programs and Resources. The comparative data provided allow campuses to compare their numbers with other campuses and systemwide. Reports produced with this database provide information about full-time equivalent students, student-faculty ratio, average section enrollment, number of courses and number of sections offered during a five-year period, plus the number of bachelor’s and master’s degrees granted each of the past eight college years. The DSD report is extracted from four sources: the Faculty Master file (APDB); the Section Master file (APDB), the Enrollment Reporting Term (ERSG); and the Five-Year Academic Plan.

ENROLLMENT REPORTING SYSTEM APPLICANTS (ERSA) — This CSU database provides information on each applicant during the college year, whether or not the applicant enrolled. The principal purpose of ERSA is to provide the basis for comprehensive analysis of applications and admissions and their relation to CSU enrollment. Information from this database can be used to provide performance reports to feeder schools and colleges, and is a source of data relating to proposed changes in admission criteria.

ENROLLMENT REPORTING SYSTEM, CONTINUATION (ERSC) — ERSC is the CSU student longitudinal tracking system. Continuation files are constructed from data existing on student enrollment (ERSS) and degree files (ERSD). A file is constructed based on the number of the year and logical subset of the records, e.g., first-time freshmen, community college transfers. A group is tracked for a specific number of years (usually five).

ENROLLMENT REPORTING SYSTEM, DEGREE (ERSD) — This CSU database provides information on each degree awarded during the college year and on degree recipients. The ERSD provides the capability to create and maintain a single database containing information pertinent to all students granted degrees by any of the CSU campuses during a single college year. Information can be obtained on degree recipients on the basis of sex, ethnicity and age.

ENROLLMENT REPORTING SYSTEM, MARKS (ERSM) — Collected by the Division of Analytic Studies, ERSM contains information on course grades for the spring term. Specific data elements included in this database are campus units attempted, campus units earned, and campus grade points. The data contained in ERSM are sufficient to allow a comprehensive analysis of grading trends and policy in the CSU.

ENROLLMENT REPORTING SYSTEM, STUDENT (ERSS) — This CSU database provides enrollment data for each enrolled student each term of the college year. The CSU is required to report on various characteristics of students enrolled in the system. The information is used to support state budget requests, respond to federal information requests and to support research requirements. Information from this source can be obtained by ethnicity, major, citizenship, residence, gender and age.
Sources of Information (continued)

FACILITIES UTILIZATION DATABASE (FUDB) — This CSU database contains information from the Academic Planning Database and the Space and Facilities Database, and together, information about utilization of classroom space is available. The data describes the kind and rate of use of the physical facilities (primarily classrooms and laboratories) of each campus and the system as a whole. The information is used for room scheduling, projecting future facilities requirements, capital outlay development and for budgetary matters.

LIBRARY SYSTEMS — Data are extracted from the CSU Library Statistics Report compiled from information provided by the campus libraries. The Library Statistics Report contains data describing collections, staffing, expenditures, services provided, and physical facilities for each library. The report, which covers the preceding fiscal year, is published each fall by the Division of Information Technology Support.

PERSONNEL INFORMATION MANAGEMENT SYSTEM (PIMS) — This state-controlled database contains personnel, payroll and retirement information. The system contains a record for each employee who is paid from state funds. It also contains historical records for transactions processed on employees. It consolidates personnel, payroll and retirement information for all state employees into one centralized file. Information from the database is sent to the state to generate paychecks and to put an employee into or out of the retirement system.

SPACE AND FACILITIES DATABASE (SFDB) — This is a CSU inventory of campus physical resources that provides information about facilities and spaces at the campuses. It serves as the official central record of campus facilities and spaces. A single space usually is a single room, while a facility is an independent structure. The system is used by campus administrators to provide information regarding facilities planning and scheduling processes.

ENROLLMENT REPORTING SYSTEM, TEACHER (ERST) — This is a CSU data collection and retrieval mechanism designed to obtain timely information on the status of teacher education programs in the CSU. ERST contains information on students who apply to a CSU professional education preparation program. It generates information on major phases of the credentialing process such as applications, admissions, enrollments, and certification. It provides information essential for the planning process.