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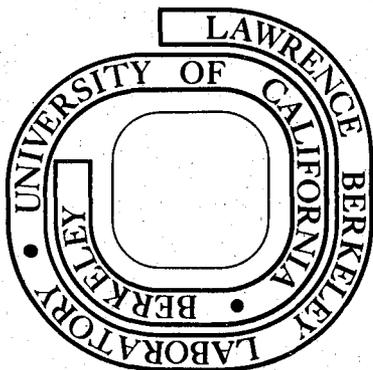
SPATIAL DATA ON ENERGY, ENVIRONMENTAL, SOCIOECONOMIC,
HEALTH AND DEMOGRAPHIC THEMES AT LAWRENCE BERKELEY LABORATORY:
1978 INVENTORY

April 1979

Prepared for the U. S. Department of Energy
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HEALTH AND DEMOGRAPHIC THEMES AT LAWRENCE BERKELEY LABORATORY:
1978 INVENTORY**

B. R. Burkhardt and D. W. Merrill, Editors

**Computer Science & Applied Mathematics Department
Physics Division**

Data Published: April 1979

**University of California
Berkeley, California 94720**



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B.R. Burkhart and D.W. Merrill, Editors

ABSTRACT

Spatial data files covering energy, environmental, socioeconomic, health and demographic themes at Lawrence Berkeley Laboratory are described. Descriptions provide data dates, abstracts, geographic coverage, documentation, original data source, availability limitations, and contact person. A current version of this document is maintained as part of the Socio-Economic-Environmental-Demographic Information System (SEEDIS) within the Computer Science and Applied Mathematics Department, and is available for on-line retrieval using the SEEDIS monitor. To access the SEEDIS monitor directly, contact Virginia Sventek, (415) 486-5216 or (FTS) 451-5216 for further information.

ACKNOWLEDGEMENT

The authors express appreciation to the individual contributors for their time in preparing descriptions of these data files. A note of thanks is extended to the Energy Analysis Program of the Energy and Environment Division of LBL for providing documentation included in this inventory. Gratitude is also expressed to Donn Davy, John Chong and Irma Villagomez for their assistance in preparing data files for inclusion in this inventory.

INTRODUCTION

A range of numeric data bases in the energy, environmental, socioeconomic, health and demographic fields are developed and maintained by Lawrence Berkeley Laboratory. 'Spatial' data generally indicates that data in the files have geocodes, i.e. geographic or geopolitical locational identifiers. The files in this inventory represent many levels of aggregation, forms of data storage, and retrieval. These descriptions are maintained as a public file in the LBL Socio-Economic-Environmental-Demographic Information System (SEEDIS) monitor, an interactive information system. As new files are obtained or become sufficiently developed to allow sharing, their description are added to the SEEDIS file. Updated inventories are published periodically, and the current version is available on-line through the SEEDIS monitor.

Guidelines for Inclusion

This includes files which inventory: (1) reside at LBL, (2) are numeric, and (3) have some spatial attribute. Although most files of interest cover several counties or larger geographic areas, files limited to a single point location were also included. The criteria for inclusion are flexible; the intent of the inventory is to describe available data resources that have a potential for shared use. Additional LBL data bases being used or developed for specific programmatic needs will be added to the inventory when these projects are completed.

Report Organization

The data descriptions are organized under four major categories: Energy, Environmental, Socioeconomic, and Health and Demographic. Within each section, descriptions are listed in alphabetical order by data base name.

Indexes

Indexes are included for contact persons, and geographic coverage. The number enclosed in < > is a unique accession number assigned to each data file used as a reference number in this inventory.

Contact Person Index

The index of contact persons indicates individuals having knowledge of the content of the file. These persons are not obliged to provide copies of the file but will generally provide helpful information as their time and resources permit.

Geographic Coverage Index

Geographic coverage terms are standardized to indicate the general geographic area covered by each file. Many files contain information covering all parts of the United States, but at different levels of dis-aggregation. In the index, these files are grouped according to how the data are summarized within the files. Census files are grouped under standard geographic, economic, and statistical areas used to aggregate census data. Additional information on the level of data aggregation and the geographic identifiers are generally included in the data base abstract.

File Availability

Restrictions on accessing data files are noted under "database limitations"; most limitations are related to agreements with the agency originally providing the file to LBL or are contingent upon the publication of analyzed data by the project developing the file. Files not having this field can be assumed to have unrestricted availability. Files without restrictions can often be provided to outside groups on a cost-recovery basis, subject to the permission of the "contact person". Normally the person requesting the file will be expected to copy the file him/herself, assuming he/she has some knowledge of the LBL computer environment.

CARTOGRAPHIC BASE FILES AT LBL

A companion publication to this data base inventory has been prepared on the cartographic base files used in display portion of the Socio-Economic-Environmental-Demographic Information System (SEEDIS) thematic mapping program, CARTE. The map file descriptions include a contact person, abstract, original data source, availability, record contents, and a plot of each file. The files are in polygon format for use within the computer environment at LBL. The publication is titled; **Cartographic Base Files At Lawrence Berkeley Laboratory: 1978 Inventory, LBL-8707.**

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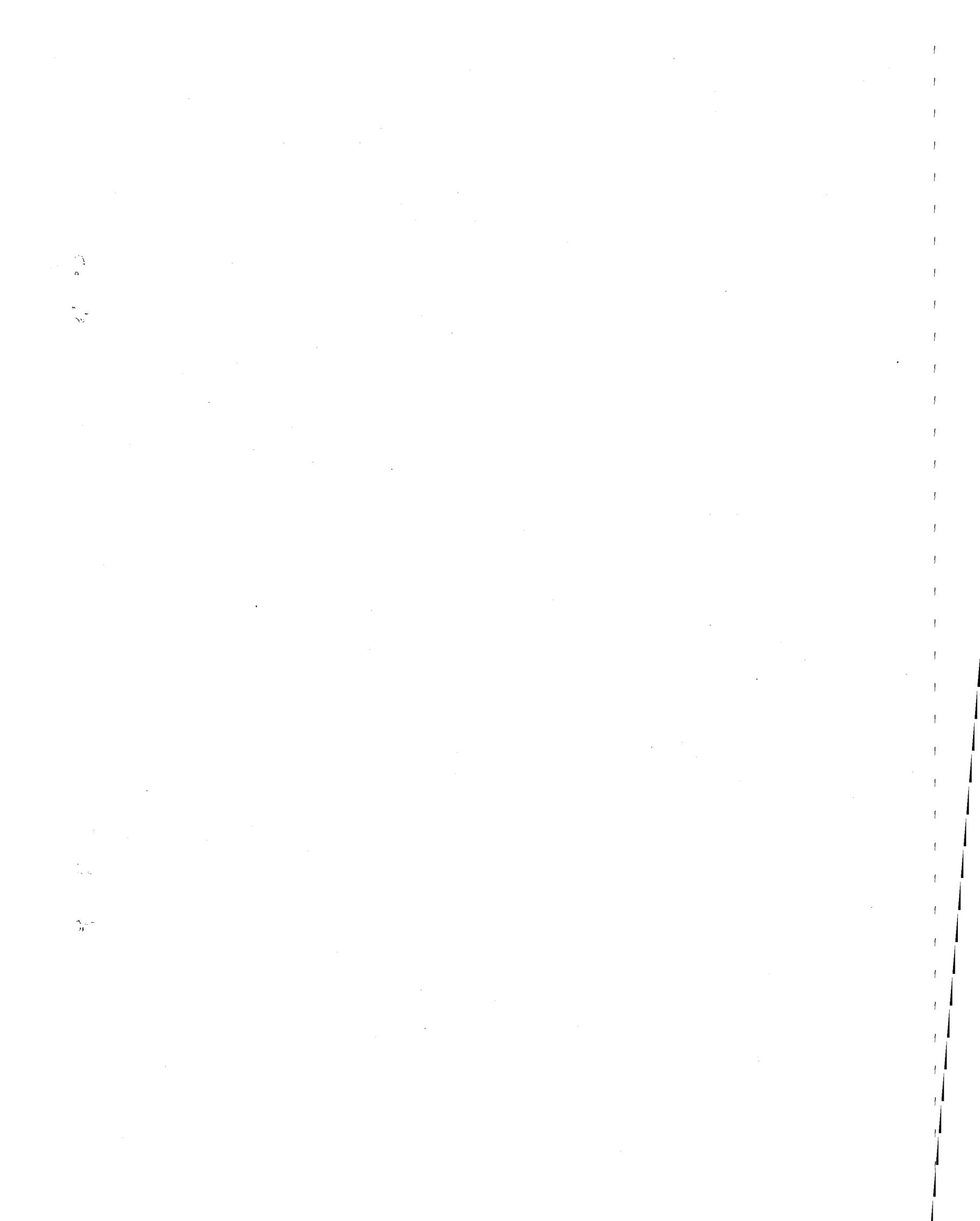
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ENERGY

<E1>

Database Name: **Advanced Energy Technology Coefficients**

Contact Person: Merrill, D.W.

Data Dates: 1972

General Description: This data file includes quantitative information on pollutant releases, resource requirements, costs and efficiencies relating to each process of five new energy technologies. The data are in the form of coefficients which are normalized to an energy flow of 10^{12} Btu through the process. The coefficients are classified in term of efficiency factors, including ancillary energy, emission factors, both radiological and non-radiological, pertaining to air pollutants, water pollutants and solid waste, land and water use, occupational health data, and monetary costs. A numerical reliability indicator is associated with each numerical coefficient. The five technologies include: Methanol Production From Coal Gasification (Intermediate Btu gasification using the Lurgi and Koppers-Totzek Processes), Advanced Fission Reactors ((U + Pu) LWR, HTGR, LMFBR), the Nuclear Fuel Cycle, Geothermal Energy Conversion (steam, liquid, and hot dry rock reservoirs), Solar Energy Conversion (ocean, thermal, wind, biomass, central receiver, space conditioning, water heating), Solid Waste Conversion (urban and agricultural).

Geographic Coverage: United States

Technical Documentation: Pollutant Releases, Resource Requirements, Costs and Efficiencies of Selected New Energy Technologies, December 1975, TEKNEKRON, Inc., Published by Brookhaven National Laboratory

Original Data Source: Energy and Environmental Engineering Division, TEKNEKRON, Inc, Berkeley, CA. Energy/Environmental Data Group, under subcontract to Brookhaven National Laboratory

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<E2>

Database Name: **Bechtel Energy Supply Planning Model**

Contact Person: Sathaye, J.A.

Data Dates: 1977 with projection scenarios to 2000

General Description: This data file presents an overview of the methodology and database for the Energy Supply Planning Model. The function of the model is to provide both the computational tools and the database necessary to calculate the total direct capital, manpower, and material resources required to bring on-line and to operate the energy supply and transportation facilities required for any specified future energy mix in the 1975 to 1995 time frame. The approach has been to develop a large-scale computerized model of the U.S. energy supply system that can be used as a systematic planning tool to test the impact on direct resource requirements of a variety of future fuel mixes. The intent is to provide information to determine potential bottlenecks in energy supply development programs. Data resources include (1) energy supply and energy transportation: that consists of facilities for energy exploration facilities for

transportation, transmission and distribution of energy (2)
construction resource data: direct requirements of capital,
manpower, materials, and equipment required to operate energy
supply and energy transportation facilities.

Geographic Coverage: United States, Regional disaggregations by census
regions

Technical Documentation: Energy Supply Planning Model, Vol I and II,
Bechtel Corporation, Aug 1975

Original Data Source: Bechtel Corporation, San Francisco, California

Database Media: Tape

Database Limitations: Permission from the Energy Analysis group, Energy
and Environment Division, Lawrence Berkeley Laboratory.

<E3>

Database Name: California Solar Data Base

Contact Person: Martin, M.R.

Data Dates: 1928-1976

General Description: This data file contains daily total solar radiation
values received on a horizontal surface (kilowatt-hours per square
meter) recorded at 39 stations throughout California and
neighboring border regions. The data records differ greatly in
length, period of measurement and accuracy. An editing procedure
was used in which data from 19 of these stations were corrected to
eliminate the effects of miscalibration and instrumental drift.
The data from the 19 stations form the basis for the monthly
average solar radiation values published in the California Solar
Data Manual.

Geographic Coverage: California by 19 solar data stations

Technical Documentation: 1. California Solar Data Manual (March 1978),
Published by the California Energy Commission, Sacramento, CA
95825. 2. California Solar Resource Project - Final Report (in
preparation)

Original Data Source: National Weather Service (NWS); San
Francisco-Oakland Bay Area Air Pollution Control District
(BAAPCD); United States Geological Survey (USGS)

Data Base Media: Tape

Data Base Limitations: Unlimited.

<E4>

Database Name: Circumsolar Radiation Data Base

Contact Person: Grether, D.F.

Data Dates: 1976-October 1978

General Description: The primary objective of the Circumsolar Radiation
project is to provide solar radiation measurements necessary for
accurate prediction of the performance of solar energy conversion
systems employing concentrating collector systems for solar
thermal conversion, parabolic mirrors for photovoltaic
applications, and concentrating systems for heating and cooling of
buildings. The measurements determine the flux of energy from the
sun and the circumsolar region (the small-angle region around the
sun) as a function of angle, wave length, and atmospheric
conditions. The circumsolar radiation arises primarily from

forward scattering of sunlight from atmospheric constituents with dimensions greater than the wavelength of light, such as aerosols, dust particles, ice crystals, or water droplets in this clouds. Pyrheliometers, the standard instruments used to estimate the "direct" solar flux, typically have a field of view of 6 degrees (compared to the one-half degree angle subtended by the sun) and thus include a substantial portion of the circumsolar radiation within the measurement. Depending on the solar application, the pyrheliometer measurement either underestimates or overestimates the amount of solar radiation that would actually be collected.

Geographic Coverage: Borstow, CA; Albuguerque, NM; Ft. Hood, TX; Atlanta, GA; and Argonne, IL.

Technical documentatio: "Circumsolar Radiation: Monthly Summaries of Effect on focusing Solar Energy Collection System." D.F. Grether, A. Hunt, M. Wahlig, October 1977 (to be published). "Circumsolar Ratiation: Correlations with Solar Radiation." D.F. Grether, A. Hunt, M. Wahlig, October 1977 (to be published). "Results from Circumsolar Radiation Measurements." D.F. Grether, A. Hunt, and M. Wahlig, in the proceedings of the International Solar Energy Sociaty Meeting, Winnipeg, Canada, August 16-20, 1976.

Original Data Source: Lawrence Berkeley Laboratory
Data Base Media: Tape

Data Base Limitations: Limited. See Contact person.

<E5>

Database Name: **California Biomass Data Base**

Contact Person: Lucarelli, B.

Data Dates:

1976, with projetion for 2025

General Description: The Biomass data base contains California county data for 11 categories (mill residues, minimum and miximum value of slash and thinnings, orchard prunings, field crop residues, vegetable crop residues, feedlot and dairy farm manure, food processing waste, municipal solid waste, municipal sewage waste, energy crops-feed grains, minimum unirrigated energy farms) for 1976 with a projection to 2025. The data are expressed in dry tons as well as million BTU. This data base has been developed for LBL's DistributedEnergy System Project for the purpose of assessing the economic and technical feasibility of achieving a renewable energy resource in California by the year 2025.

Geographic Coverage: California by County

Technical Documentation:

Original Data Source: Bart Lucarelli

Data Base Media: PSS. In Integrated SEEDIS Monitor

Data Base Limitations: Advise contact person of intended use.

<E6>

Database Name: **Energetics of the United States: The BNL Atlas**

Contact Person: Gey, F.; Wood, P.

Data Dates: 1972

General Description: The County Energy Data Base (COENDA) describes the geographical distribution of energy production and use. Approximately 150 energy related variables are given for the 3141 counties. Many variables define actual quantities of fuel, e.g., barrels of oil, tons of coal, etc. or their BTU equivalents. However, other variables such as SO2 emissions are estimated.

Geographic Coverage: U.S., Counties

Technical Documentation: F.R. Drysdale and C.E. Calef, Energetics of the United States: An Atlas, BNL 50501-R, Revised October 1977, and QWICK QWERY Reference Dictionary to the BNL County Energy data file, LBL

Original Data Source: Biomedical and Environmental Assessment Division, National Center for Analysis of Energy Systems, Brookhaven National Laboratory

Database Media: Tape

Database Limitations: Unlimited.

<E7>

Database Name: BNL Energy Model Data Base (Extract)

Contact Person: Ruderman, H.

Data Dates: 1974

General Description: This set of data was collected to study the delivery and use of energy in the national energy system. The open-ended, and model-independent system contains a library of data and documentation called the Energy Model Data Base (EMDB). It contains two files, one dealing with processes associated with current-technology energy supply, modes-extraction of coal by strip mining, catalytic cracking of petroleum, pipeline transport of natural gas, etc. - and one dealing with the present utilization of energy for various purposes in the residential space heating by natural gas, steel production by electric furnaces, air passenger transport by jet fuel, etc. Specific data base items include transport air pollutant emission factors, volume of truck and tank transport of crude oil, fuel costs, allocation numbers of tank and truck and car volume, fuel use, and BTU per passenger-mile, and land use by auto, truck and bus.

Geographic Coverage: United States

Technical Documentation: Energy Model Data Base User Manual, BNL, Energy/Environmental Data Group, Brookhaven National Laboratory (BNL)

Original Data Source: Hittman Associates and the Energy/Environmental Data Group, BNL

Database Media: Tape

Database Limitations: Unrestricted.

<E8>

Database Name: Building Energy Model Data File, Code DOE-1

Contact Person: Mitchell, H.C.

General Description: The continually varying weather conditions outside a building give rise to continually varying heat losses or gains within the building. In addition, the people and activities

within the building also cause widely varying heat losses and gains inside the building. Realistic approximation of these constantly changing heating and cooling loads requires complex and extensive calculation procedures, which in turn are feasible only with advanced computer methods. DOE-1 is a third generation, public domain computer program for building energy analysis. It features a command word, structured free format, very fast execution time, and highly flexible user oriented output. The program provides the user with a highly sophisticated tool to aid in the design of energy conserving buildings, the analysis of existing buildings for cost effective retrofit, and the evaluation of new buildings of energy code compliance.

Technical Documentation: CAL-ERDA Users Manual, ANL/Eng-77-03 and CAL-ERDA Program Manual, ANL/Eng-77-04

Original Data Source: In part, Consultants Computation Bureau, Oakland, California

Database Media: Tape

Database Limitations: Available from the Argonne Code Center, Argonne National Laboratory.

<E9>

Database Name: Energy Data System (EDS), Extract for California Power Plants

Contact Person: Ruderman, H.; Merrill, D.W.

Data Dates: 1971-1975

General Description: This data file is an extract of the nationwide Energy Data System (EDS) summaries of air quality data and data relating to fuel consumption and atmospheric emissions from power plants and large industrial fuel burners. Specific data elements in EDS include fuel quality and consumption data, plant design and operating data, emission regulations, compliance information, future megawatt capacities, diffusion modeling results, and air quality data. More specifically, the data extract for California thermal power plants includes ownership, location, generating capacity and efficiency. Emissions data for particulates, nitrogen and sulphur oxides are given by boiler and type of fuel. Fuel use data by boiler and type include amount burned, heating value, cost, sulphur and ash content.

Geographic Coverage: California by power plant

Technical Documentation: Energy Data System Terminal Users Manual, Environmental Protection Agency (EPA), January 1976, Research Triangle Park, NC

Original Data Source: U.S. Environmental Protection Agency (EPA), Office of Air and Waste Management, Office of Air Quality Planning and Standards.

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<E10>

Database Name: Energy and Fuel Use: California Electric Utilities

Contact Person: Sextro, R.

Data Dates:
1977

General Description This data file contains the summaries fo the May 197x responses by the four major California electric utilities to the California Energy Resources Conservation and Development Commission (Docket No. 77-EA-1). Two sets of data are peresented for each utility: energy and fuel projections and capacity projections, monthly for 1977. Within the energy and fuel projections, the data begin with the projected load by month eithe in GWh or MWe. The remaining data set indicates the category of the resurce (hydro, coal, nuclear, geothermal, gas supply and oil requirement, etc.) that is availble to meet the projected (under adverse conditions) load and the reserve margins that should be available. The capacity data, by month, include similar load and resource information found in the energy and fuel projections. Emissions data (in tons) are included for sulphur and nitrogen oxides and particulates. The data are input to a Loss-of-Load Probability Model that calculates generation available to a utility(ies) bases upon forced outage rates for each generation.

Geographic Coverage: California areas serviced by Pacific Gas and Electric Company (PG & E), Southern California Edison Company (SCE), San Diego Gas & Eletric Company (SDG & E), and Los Angeles Department of Water and Power (LADW & P).

Technical Documentation: Effects of the Drought on California Electricity Supply and Demand, June 1977, LBL-6356. Potential Electricity Impacts of a 1978 California Drought, January 1978, LBL-6871.

Original Data Source: Utilities filings with the California Energy Resources Conservation and Development Commission

Data Base Media: Data Sheets.

<E11>

Database Name: Non-Residential Gas Sales from California Public Utilities

Contact Person: Sextro, R.

Data Dates:

Monthly, 10/76 through 9/77, or 1/77 through 12/77

General Description: This file includes monthly records of gas sales by California public utilities to non-residential customers. Data are expressed in thousands of cubic feet, and identified by 3-digit Stardard Industrial Cllsification (SIC) code of the customer. Curtailment priority classification, and actual curtailments (if any) are indicated. Geographic detail includes county and/or utility service area. Three major California gas utilities are included: Pacific Gas & Electric Company (PG \$ E) 1976 by month; Southern California Gas (SCG) 1976 by month; and San Diego GAS & Electric (SDGE) 10/76 - 9/77 by month.

Geographic Coverage: California by County and/or Utility Service Area

Original Data Source: To R. Sextro, Forcasting Division, California Energy Commission
Data Base Media: Tape

Data Base Limitations: Advise contact person of intended use.

<E12>

Database Name: Geothermal Emissions Data, Cerro Prieto, Mexico

Contact Person: Schwartz, S.

Data Dates: 1967-1974

General Description: This file includes data on gaseous emissions from the Cerro Prieto geothermal field in Mexico. Properties and states of the reservoir fluid such as flow rates, wellhead pressure, and enthalpy are included in the file along with the well name and constituent measurement. This subset is the result of an initial screening of the data covering 1967-1974, with new additions appended periodically.

Geographic Coverage: Cerro Prieto geothermal field, Mexico

Technical Documentation: Geothermal Emissions Data Base Cerro Prieto Geothermal Field, UCID-4033, April 1978, Energy and Environment Division, LBL

Original Data Source: Comision Federal de Electricidad, Residencia de Estudios Geotermicos, Mexico

Database Media: Tape

Database Limitations: Advise Contact Person of intended use.

<E13>

Database Name: Geothermal Emissions Data, Wairakei, New Zealand

Contact Person: Schwartz, S.

Data Dates: 1965-1971

General Description: This file includes data on gaseous emissions from the Wairakei geothermal field in New Zealand. Properties and states of the reservoir fluid such as flow rates, wellhead pressure, and enthalpy are included in the file along with the well name and constituent measurement. This subset is the result of an initial screening of the data covering 1965-1971, with new additions appended periodically.

Geographic Coverage: Wairakei geothermal field, New Zealand

Technical Documentation: Geothermal Emissions Data Base Wairakei Geothermal Field, UCID-4035, April 1978, Energy and Environment Division, LBL

Original Data Source: Geothermal Coordinator, Chemistry Division, New Zealand Department of Scientific and Industrial Research

Database Media: Tape

Database Limitations: Advise Contact Person of intended use.

<E14>

Database Name: Geothermal Subsidence Status-of-Data File

Contact Person: Mathur, A.K.; Phillips, S.L.

Data Dates: Mainly 1970 to present

General Description: This file includes evaluated numerical and descriptive data on mechanism, causes, location, damages, monitoring, control, economic aspects, and reservoir properties for the following: groundwater overdraft, geothermal energy, oil and gas, and coal mining.

Geographic Coverage: Worldwide

Technical Documentation: Review of Geothermal Subsidence, LBL-3220, September 1975, Biological and Environmental Research, LBL

Database Media: Tape

Database Limitations: Advise Contact Person of intended use.

<E15>

Database Name: **Projected Electric Generating Capacity by County: 1985 and 1990**

Contact Person: Merrill, D.W.; Ruderman, H.

Data Dates: Projections for 1985, 1990

General Description: This data file contains data of projected electric generating capacity by U.S. county and technology (hydro, coal, nuclear, gas/oil steam). FIPS county codes are included. These estimates were derived in May, 1978 from the Oak Ridge National Laboratory, Project Independence Evaluation System (PIES) model, in connection with the Department of Energy, National Coal Utilization Assessment (NCUA).

Geographic Coverage: U.S. by County

Technical Documentation: Contact R. Davis, Oak Ridge National Laboratory

Original Data Source: Department of Energy, National Coal Utilization Assessment Facility Siting Project, Oak Ridge National Laboratory

Database Media: Tape

Database Limitations: Advise contact of intended use.

<E16>

Database Name: **Rate Estimate Projection Model Data File for Electric Utilities, Drought Scenarios**

Contact Person: Sathaye, J.A.

Data Dates: 1976

General Description: With the possibility of an extended drought in California, information would be needed on electricity supply and demand, impact on power plant emissions and electricity rates, and what remedial action should be used in planning scenarios. The model to predict average electricity prices given various electricity supply and demand scenarios is based on a rate equation. The rate equation performs a simple accounting of the various elements which enter into the cost of generating and distributing electricity. The equation considers both fixed costs such as administrative expenses and capital charges and variable costs, such as fuel and maintenance, as well as tax impacts of both federal income taxes and investment tax credits. The rate equation determines an average price of electricity with the following variables: (1) average price per kWh (2) annual energy demand kWh (3) interest expenses on bonded debt (4) depreciation charges (5) fixed maintenance expenses (6) property taxes (7) fuel expenses (8) earnings after interest expense (9) capital additions to rate base (10) variable maintenance expenses per kWh (11) accelerated depreciation factor (12) investment tax credit rate (13) revenue tax rate and (14) federal income tax rate. The model was validated with data for 1976.

Geographic Coverage: Electric utility service areas

Technical Documentation: Potential Electricity Impacts of a 1978 California Drought, 1978, LBL-6871, Lawrence Berkeley Laboratory. Investment Planning in the Energy Sector, 1976, LBL-4474

Original Data Source: California Public Utilities Commission and the Pacific Gas and Electric Company

Database Media: Tape

Database Limitations: Unknown.

<E17>

Database Name: **SEAS Model: U.S. Energy Use**

Contact Person: Merrill, D.W.; Ruderman. H.

Data Dates: 1971 and 1975 with projections for 1985, 1990, 1995, 2000 and annual growth rates for 1975-2000, 1985-1990, 1990-1995, 1995-2000

General Description: This file, from the SEAS (Strategic Environmental Assessment System) model provides (a) energy use in BTU of nine fuels that including natural gas, petroleum, coal, converted coal, solar, geothermal, electricity, nuclear, and wood for five consumer classes including industrial, transportation, commercial, residential, and electric utilities (b) electric generation in BTU from nine fuels (c) energy conversion losses in BTU for three technologies: electricity, coal conversion and shale oil (d) energy use of six fuels: natural gas, petroleum, coal, hydropower, nuclear and electricity for ten end uses including industrial, transportation, commercial, residential, electric utilities, conversion loss of synthetic fuel, total use, imports, exports and domestic production. Data values include row and column percentages (e) energy consumption by detailed consumer class (number varies according to fuel) for nine fuels.

Geographic Coverage: United States

Technical Documentation: SEAS Executive Summary for the Environmental Protection Agency (EPA) 9/19/75, by Booz, Allen and Hamilton, Inc., Bethesda, MD

Original Data Source: Department of Energy (DOE) 3/8/78. File 2, output from the SEAS Model. DOE National Energy Policy scenarios.

Database Media: Tape

Database Limitations: Permission from the Energy Analysis group, Energy and Environment Division; or the Computer Science and Applied Mathematics Department, Lawrence Berkeley Laboratory.

<E18>

Database Name: **Solar Penetration Model Data Base**

Contact Person: McMahon, J.

Data Dates: 1975-2025 Projections

General Description: This model, currently under development, performs market potential calculations for seven generic solar technologies: photovoltaics, thermal-electric, wind, solar heating and cooling of buildings, industrial heat, biomass, and ocean thermal electric conversion (OTEC). These technologies are further divided into eleven specific solar systems including treatment of both centralized and distributed systems where appropriate. The 18 markets available for penetration are specified by end-use and alternative (non-solar) fuel. Projections of energy demands in various markets, prices of energy from solar and alternative systems, and market response parameter are required as input. The market penetration analysis is performed in two stages. First, an equilibrium market share is determined on the basis of price competition of solar or alternative fuels. Second, this market share is altered to account for behavioral lag in adoption of new technologies. Solar energy demand includes consideration of increased overall demand, replacement of alternative systems at the end of their useful

lives, and retirement of functional systems owing to favorable solar economics. Calculations are performed on an annual basis over the period 1975-2025. Since there are large uncertainties in extrapolations so far into the future, several variations in the assumption are considered. In addition to the base case, other scenarios include higher and lower solar and alternative prices and a range of energy demands.

Geographic Coverage: California

Technical Documentation: Unknown

Original Data Source: Stanford Research Institute

Database Media: PSS

Database Limitations: Permission from Computer Science and Applied Mathematics Group, Physics Division, Lawrence Berkeley Laboratory.

<E19>

Database Name: U.S. Direct Energy Transactions 1963

Contact Person: Merrill, D.W.

Data Dates: 1963

General Description: This data file contains 1963 Direct Energy Transactions for the United States for five energy types at the 368 sector level. The five energy types are coal, crude oil and gas (extraction), refined petroleum, electricity, and gas (sales). Units are Btu. The data base allows the calculation of total (direct and indirect) energy cost of many classes of products (both goods and services). In the technical documentation, specific data applications are presented for (1) detailed breakdown of the contributors of the total energy cost (2) total energy efficiency of the energy-producing sectors (3) energy required by agriculture, the food industry, and the energy cost of protein (4) energy required by all transportation, including the automobile and (5) energy required by small appliances.

Geographic Coverage: United States

Technical Documentation: An Energy Input-Output Matrix for the United States-1963 Users Guide, CAC Document No. 69, March 4, 1973, Center for Advanced Computation, University of Illinois at Urbana-Champaign, Urbana, IL 61801

Original Data Source: Center for Advanced Computation, University of Illinois at Urbana-Champaign, Urbana, IL 61801

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<E20>

Database Name: U.S. Direct Energy Transactions 1967

Contact Person: Merrill, D.W.

Data Dates: 1967

General Description: This data file contains the Direct Energy Transactions (measured in Btus) in the United States in 1967, from five energy producing sectors to energy consuming sectors of the economy. A precedent to this data file is the DET for 1963. The 1967 DET are for the most part independent of the 1963 DET for two reasons (1) increasing energy awareness combined with the normal turnover of statistical studies provided an altered database, in some cases more thorough, in others less (2) in an attempt to

improve prior work, refinements in technique and database revisions were incorporated from the 1963 DET to 1967. Approaches were used to generate the 1967 DET included (1) getting control totals giving total production in the U.S. of each type of energy. The five energy producing sectors are: coal, crude oil and gas, refined petroleum products, electric utilities, and gas utilities (2) finding direct data on energy consumption for as many economic sectors as possible.

Geographic Coverage: United States

Technical Documentation: Direct Energy Use in the U.S. Economy, 1967, CAC Technical Memorandum No. 39, January, 1975, Center for Advanced Computation, University of Illinois at Urbana-Champaign, Urbana, IL 61801

Original Data Source: Center for Advanced Computation, University of Illinois at Urbana-Champaign, Urbana, IL 61801

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<E21>

Database Name: U.S. Direct Energy Transactions: 1971

Contact Person: Ruderman, H.

Data Dates: 1971

General Description: This data file contains DET of six energy supply types to 100 energy consuming sectors of the U.S. economy in 1971. The original data source included only five energy types. LBL disaggregated the crude oil and gas sector into separate energy types, increasing the original table size from (5 x 100) to (6 x 100). Since data were not as readily obtainable for 1971 as for 1967, the matrix was disaggregated to only one hundred rather than 368 industrial sectors. The six energy supply types are (1) coal (2) crude natural gas production (3) crude oil production (4) refined petroleum (5) utility electricity and (6) utility gas. In the reduction from 368 sectors in 1963 and 1967 to one hundred in 1971, few data were available for agricultural sectors, individual mining and construction sectors. However, transportation data were very recent, and in fine detail. The manufacturing sectors are most complete and these sectors account for more than one-third of the total direct energy consumption.

Geographic Coverage: United States

Technical Documentation: Direct Energy Use in the U.S. Economy - 1971, CAC Technical Memorandum No. 43, April 1975. Center for Advanced Computation, University of Illinois at Urbana-Champaign, Urbana, IL 61801. Documentation, Energy and Analysis Group, Energy and Environment Division of LBL

Original Data Source: Center for Advanced Computation, University of Illinois at Urbana-Champaign, Urbana, IL 61801

Database Media: PSS

Database Limitations: Advise contact person of intended use.

ENVIRONMENTAL

<N1>

Database Name: Air Quality Monitoring Station Site Directory (EPA SAROAD)

Contact Person: Merrill, D.W.

Data Dates: 1977

General Description: This data file contains geographic and descriptive information for approximately 12,000 air quality monitoring stations. Characteristics in the data base include: the SAROAD (Storage and Retrieval of Aerometric Data) station identification code, county name, EPA (Environmental Protection Administration) county code, city name, city population, UTM (Universal Transverse Mercator) coordinates, latitude and longitude, FIPS (Federal Information Processing Standard) SMSA (Standard Metropolitan Statistical Area) code, EPA, AQCR (Air Quality Control Region) number, population of AQCR, Federal Region code, supporting agency, address and exact location of monitoring station, station type, elevation above ground and sea level.

Geographic Coverage: U.S., Guam, Virgin Islands, Puerto Rico, American Samoa, and U.S. bases in Turkey

Technical Documentation: AEROS Manual Series (5 volumes), Report EPA-450/2-76 (001 through 005), OAQPS 1.2-038, February 1976, U.S. EPA, Office of Air and Waste Management, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711

Original Data Source: Environmental Protection Agency, SAROAD, via Carmen Benkovitz, Brookhaven National Laboratory

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<N2>

Database Name: Air Quality Yearly Summaries (EPA SAROAD)

Contact Person: Merrill, D.W.

Data Dates: 1974, 1975, 1976

General Description: The Storage And Retrieval of Aerometric Data (SAROAD) system, which stores and reports information relating to ambient air quality, is a subsystem of the EPA Aerometric and Emissions Reporting System (AEROS). AEROS is one unified air pollution data management system with ten independent subsystems. Many of these subsystems, including SAROAD, have in turn subsystems of their own. The file at LBL described here is an extract from SAROAD, containing 1974, 1975, and 1976 annual average pollutant concentrations for nine pollutants from approximately 4,000 active monitoring stations in the United States. Included for each pollutant and year at each station (where measured) are given the number of observations, the method and sampling time interval, the arithmetic mean and standard deviation, geometric mean and standard deviation, geometric mean and standard deviation, maximum and minimum pollutant value, the second maximum value, and other quantities. The nine pollutants measured (not at all stations) are (1) total suspended particulate (2) sulfur dioxide (3) nitrogen dioxide (4) carbon monoxide (5)

total hydrocarbons (6) non-methane hydrocarbons (7) ozone (8) total oxidants and (9) sulfates. The information in this file is included in the Populations-At-Risk to Air Pollution (PARAP) data base.

Geographic Coverage: United States, Guam, Puerto Rico, Virgin Islands

Technical Documentation: (1) AEROS Manual Series, Vol. I, AEROS Overview, EPA-450/2-76-001, February 1976 (2) AEROS Manual Series, Vol. II, AEROS Users Manual, OAQPS No. 1.2-039, December 1975 (3) AEROS Manual Series, Vol. III, Summary and Retrieval, EPA-450/2-76-009, May 1976 (4) AEROS Manual Series, Vol. V, AEROS Manual of Codes, EPA-450/2-76-005, April 1976

Original Data Source: National Air Data Branch, Monitoring and Data Analysis Division, EPA, Research Triangle Park, NC 27711

Database Media: Tape

Database Limitations: Advise contact person of intended use

<N3>

Database Name: Characterization Of Aerosols In California

Contact Person: Hidy, George M.

Data Dates: 1972, 1973

General Description: This file contains information on the physical and chemical properties, interaction with atmospheric gases, natural and anthropogenic origins of aerosols in selected areas of California. The California Aerosol Characterization Experiment (ACMEX) was sponsored by the California Air Resource Board (CAB) in 1972 and 1973. Meteorological data includes wind direction, wind speed, wind sigma, temperature, scattering coefficient, ultra violet radiation, broad band radiation, dew point and relative humidity. Air chemistry data includes measurements of ozone, nitrous oxide, nitrogen dioxide, nitrogen oxides, total hydrocarbons, methane, carbon monoxide, ethylene, acetylene particle size and distribution.

Geographic Coverage: San Francisco Bay Area, San Joaquin Valley Basin

Technical Documentation: ACMEX Final Report Volume I - IV

Original Data Source: ERT Incorporated, Westlake Village, California

Database Media: Tape

Database Limitations: Advise Contact Person of intended use.

<N4>

Database Name: Information System for Environmentally Sensitive Wildlife (ISESW) Data Base

Contact Person: Gey, F.C.

Data Dates: 1957 - 1973

General Description: The computer information system contains two basic subsystems: the information files and information retrieval program. The system provides data in two forms (1) a narrative summary of the known habits and ecological requirements of the selected mammal and bird species and (2) a computer-plotted map of the known geographic range of the species. The narrative information categories were selected by Waterways Experimental Station (WES) ecologists, biologists, and zoologists and include state, class, species, status, description, range and habitat, food habits, shelter requirements, nesting or bedding, rituals,

population structure and trends, reproduction and survival, commentary and bibliography. Current work by WES include expansion of ISESW by including more detailed data on the narrative information categories and the development of plant information categories.

Geographic Coverage: United States by state

Technical Documentation: Federal Interagency Sensitive Wildlife Information System, April 1977, Mobility and Environmental System Laboratory, U.S. Army Engineer Waterways Experiment Station, Vicksburg, Mississippi 39180

Original Data Source: Geographic ranges of selected mammal and bird species from Hall and Kelson (1959) and Wetmore (1957) and other available technical literature. Threatened Wildlife of the United States, by the U.S. Department of Interior, 1973.

Database Media: Unknown

Database Limitations: Information files accessible by teletype or CRT terminal with audio-coupler, in time-sharing mode, on the General Electric 635 computer or the LBL CDC-6000. Graphics are off-line to a CALCOMP 8-inch drum plotter.

<N5>

Database Name: **Monthly Weather Means for United States Weather Bureau Stations**

Contact Person: Winkelman, F.

Data Dates: From the start of each station to 1975

General Description: Monthly means were calculated from daily observations for temperature and precipitation parameters. The file is called USWB Monthly 1009 Means Deck 932 by the National Climatic Center. Temperature parameters include average, minimum, maximum, deviation from normal, days above and below set temperatures, and degree days. Total precipitation, day of greatest precipitation, days above set amounts of precipitation, and totals of hail and snow are also included. Records start with the initiation of a station (some start prior to 1900) and extend through 1975. A station history tape summarizes the period of record from 1946, giving times the station did not operate, changes in its location, and other identifiers. Data extracted from this file include average annual wind-rise data for selected (scattered) sites in California as input into a plume-dispersion air-quality model.

Geographic Coverage: Scattered sites in California

Technical Documentation:

Original Data Source: National Climatic Center, NOAA, Asheville, NC

Database Media: Tape

Database Limitations:

<N6>

Database Name: **National Aerometric Surveillance Network (NASN) Air Quality Data Base**

Contact Person: Merrill, D.W.

Data Dates: NASN stations active through mid-1974

General Description: The NASN Air Quality database is a subsystem of the EPA Storage And Retrieval Of Aerometric Data (SAROAD) system.

SAROAD contains air quality information taken at 1-, 2-, 3-, 4-, 6-, 8-, 12-, and 24-hour or longer intervals from monitoring stations throughout the United States. Data characteristics recorded are the state, area and site code, agency type, project classification, date, sampling time start and interval, pollutant identification and other code parameters. Agency type indicates one of five Environmental Protection Agency (EPA) groups, state agency, county agency, city agency, private or other type agency. Project classification indicates reasons for long- or short-term surveillance. There are 62 pollutant parameters including method of collection and analysis. Pollutants include total suspended particulate (dustfall), sulfation rate, gases, and meteorological observations. There are two copies of this data base at LBL, one sorted by state and one sorted by pollutant. The data at LBL cover observations through mid-1974 from the National (NASN) Federal Agency stations, for the western U.S.

Geographic Coverage: The Western U.S. by monitoring station

Technical Documentation: (1) SAROAD Users Manual, No. APTD-0663 (2) SAROAD Parameter Coding Manual, No. APTD-0633 (3) SAROAD Station Coding Manual for Aerometric Sampling Networks, No. APTD-0907 and (4) Directory of Air Quality Monitoring Sites, EPA-450/2-75-006

Original Data Source: National Air Data Branch, Monitoring and Data Analysis Division, Environmental Protection Agency (EPA), Research Triangle Park, NC 27711

Database Media: MSS

Database Limitations: Advise contact person of intended use

<N7>

Database Name: Pollutant Effluents for Input-Output Analysis

Contact Person: Wolfson, B.; Davidson, M.; Grether, D.

Data Dates: 1972

General Description: This data file contains estimated pollutant effluent coefficients for 58 effluents, for each of 93 input-output industrial classification. Data are provided for 18 air pollutants, 23 water pollutants, 1 land pollutant (industrial sludge), and 16 pesticides. Coefficients are expressed as tons-of-effluent per million dollars of output, for each industry, for the U.S. as a whole.

Geographic Coverage: United States

Technical Documentation: Computer retrievable writeup, library DCMNTTN, subset EFFLNTS (11x14 print file)

Original Data Source: SEAS Model, Energy and Environment Division, Lawrence Berkeley Laboratory

Database Media: Tape

Database Limitations: None

<N8>

Database Name: Populations-At-Risk to Air Pollution (PARAP)

Contact Person: Merrill, D.W.

Data Dates: 1973

General Description: This database is incorporated in the Berkeley Data Management System (BDMS) and SYSTEM 2000 Data Management System. For interactive use, a duplicate version is implemented in SYSTEM

2000 at Brookhaven National Laboratory. PARAP consists of data extracted from numerous sources for estimating populations-at-risk to air pollution. This combined data base contains individual records corresponding to counties, air quality monitoring stations, pollutants, causes of death and other description records. Pollutants include annual total particulates, sulfur dioxide, nitrogen dioxide, carbon monoxide, sulfates, ozone, total oxidants, nonmethane hydrocarbons, and total hydrocarbons. The PARAP file contains selected demographic data from the 1970 Census, geographic coordinates from the MED-X data base, estimated 1973 and 1975 population and per capita income from the Intercensal Demographic Estimates File, emissions data from the Brookhaven National Laboratory Energetics data base, mortality statistics from the National Center for Health Statistics, annual average pollutant levels and monitoring station locations from the Environmental Protection Agency Storage and Retrieval of Aerometric Data (EPA-SAROAD) System.

Geographic Coverage: California by county (U.S. by county available December, 1978)

Technical Documentation: Internally documented in data element and data base description records in the BDMS and SYSTEM 2000 Data Management Systems.

Original Data Source: U.S. Bureau of the Census, the Environmental Protection Agency (EPA), Brookhaven National Laboratory (BNL), the National Center for Health Statistics (NCHS), the Council for Environmental Quality (CEQ), and other sources.

Database Media: Tape

Database Limitations: Permission from Computer Science and Applied Mathematics Group, Physics Division, Lawrence Berkeley Laboratory.

<N9>

Database Name: Projected Water Use, Residential and Industrial Sectors in California: 1977

Contact Person: Benenson, P.

Data Dates: 1977

General Description: This file contains projected water use for residential and industrial sectors for eleven hydrologic study areas in California, based on proposed water conservation scenarios. Data included are (1) per capita residential water consumption during 1977 (2) per capita electricity consumption for water use (3) electricity and natural gas consumption for residential water use (4) residential water, electricity, natural gas savings and consumption with the percent implementation and (5) the hydrologic study area name and population (6) end use and savings. Comparable industrial uses of water consumption and energy requirements and other data items for the same study areas are included. The industrial sectors include: food and kindered products, lumber and all wood products, paper and allied products, chemical and allied products, petroleum and coal products, stone clay and glass products, primary metals, other and total industries.

Geographic Coverage: The California hydrologic areas of (1) North Coastal (2) San Francisco Bay (3) Central Coastal (4) South Coastal (5) Sacramento Basin (6) Delta-Central Sierra (7) San Joaquin Basin (8) Tulare Basin (9) North Lahontan (10) South

Lahontan (11) Colorado Desert and Total California
Technical Documentation: A Water Conservation Scenario For The
Residential and Industrial Sectors in California - Potential
Savings of Water and Related Energy, LBL-6817, August 1977
Original Data Source: Peter Benenson, LBL E&E Division
Database Media: Tape: [LBL-BKY] GSS Geocodes/CALH20
Database Limitations: Unknown

<N10>

Database Name: **SEAS Model: U.S. Environmental Residuals**

Contact Person: Merrill, D.W.; Ruderman, H.
Data Dates: 1975; projections for 1985; 1995; 2000
General Description: This file, from the SEAS (Strategic Environmental Assessment System) model contains 43 types of gross, net and captured residuals for 41 energy-related activities, including total. Residuals include pollutants, radionuclides, thermal loading, bacteria, land use, water use, deaths, injuries, man-days lost, and operational labor.
Geographic Coverage: United States, national
Technical Documentation: SEAS Executive Summary for the Environmental Protection Agency (EPA) 9/19/75, by Booz, Allen and Hamilton, Inc., Bethesda, MD.
Original Data Source: Department of Energy (DOE) 3/8/78. File 8 output from the SEAS Model, DOE National Energy Policy scenarios.
Database Media: Tape
Database Limitations: Permission from the Energy Analysis group, Energy and Environment Division; Computer Science and Applied Mathematics Department, Lawrence Berkeley Laboratory.

<N11>

Database Name: **SEAS Model: US Environmental Residuals By Region**

Contact Person: Merrill, D.W.; Ruderman, H.
Data Dates: 1975; and projections for 1985, 1990, 2000
General Description: This file, from the SEAS (Strategic Environmental Assessment System) model provides information on gross, net, and captured residuals of sulphur and nitrogen oxides and particles. Similar residuals are reported for five coal transportation methods: pipeline, unit train, conventional train, barge and other. These residuals are also provided from other energy-related activities.
Geographic Coverage: United States by 10 Federal Regions
Technical Documentation: SEAS Executive Summary for the Environmental Protection Agency (EPA) 9/19/75, by Booz, Allen and Hamilton, Inc., Bethesda, MD.
Original Data Source: Department of Energy (DOE) 3/8/78. File 6, output from the SEAS Model. DOE National Energy Policy scenarios.
Database Media: Tape
Database Limitations: Permission from the Energy Analysis group, Energy and Environment Division; Computer Science and Applied Mathematics Department, Lawrence Berkeley Laboratory.

<N12>

Database Name: **SEAS Model: U.S. Environmental Residuals By State**

Contact Person: Merrill, D.W.; Ruderman, H.

Data Dates: 1975; projections for 1985; 1990; 2000;

General Description: These files, from the SEAS (Strategic Environmental Assessment System) model contains data on the gross, net and captured residuals (total, and percent due to each energy process) of three pollutants (particulates, sulfur and nitrogen oxides) from fifteen energy-related processes (a) four electric utilities: coal, oil, natural gas, and other (b) three industrial combustion: coal, oil, and natural gas (c) three residential/commercial combustion: coal, oil, and natural gas (d) one by transportation, all fuels and (e) four processing/extraction/distribution: coal, oil, natural gas and nuclear.

Geographic Coverage: National and State

Technical Documentation: SEAS Executive Summary for the Environmental Protection Agency (EPA) 9/19/75, by Booz, Allen and Hamilton, Inc., Bethesda, MD.

Original Data Source: Department of Energy (DOE) 3/8/78. File 5 and 7 output from the SEAS Model. DOE National Energy Policy scenarios.

Database Media: Tape

Database Limitations: Permission from the Energy Analysis group, Energy and Environment Division; Computer Science and Applied Mathematics Department, Lawrence Berkeley Laboratory.

<N13>

Database Name: **SEAS Model: U.S. Environmental Data Base**

Contact Person: Ruderman, H.

Data Dates:

variable; depending upon data element

General Description: This file contains residuals data compiled by the Mitre Corporation for the United States SEAS model. There are 43 categories of residuals and about 75 sub-categories. The residuals are grouped by 185 input-output sectors, and many subsectors within these primary sectors. The residuals are primarily concerned with air and water, thermal pollution, solid wastes, radionuclide emissions, water and land use, and occupational health and safety residuals. Special emphasis on energy producing industries are found in this files.

Geographic Coverage: State and National

Technical Documentation: Tape documentation

Original Data Source: Mitre Corporation

Data Base Media: Tape

Data Base Limitations: Advise contact person of intended use.

<N14>

Database Name: **Seismicity of the Eastern United States**

Contact Person: Larry Wight

Data Dates:

1600 through 1975

General Description: This file contains data on earthquakes or other earth disturbances recorded by time of event, latitude and

longitude coordinates of location, intensity and magnitude of the event.

Geographic Coverage: Eastern United States

Technical Documentation: TERA Corporation, 2150 Shattuck Avenue, Berkeley, CA.

Original Data Source: The complete data set for the Eastern US has been formed by combining the following special data bases. 1) the Nuttli's catalog, earthquakes from 1699 through 1974 in the Central US. 2) the Chiburis catalog, earthquakes in the Northeastern US from 1534 through 1977. and 3) the Algermissen data base, primarily taken from NOAA's Preliminary Determination of Epicenters and from US earthquakes 1966-1975.

Data Base Media: Tape

Data Base Limitations: Preliminary version

<N15>

Database Name: Water Use By Manufacturing Industries: 1960

Contact Person: Lederer, C.

Data Dates: 1957; 1958; 1959

General Description: This data file contains the results of a statewide survey of water use in 1957-1959 by 27,000 manufacturing establishments in California. Data items from the survey include (1) purpose of water intake (2) origin of fresh water intake (3) water discharged or type of disposal (4) recirculated water (5) water treatment (6) average annual employment (7) size or amount of property and vegetated areas (8) plant working days and (9) future water use.

Geographic Coverage: California by county

Technical Documentation: Water Use By Manufacturing Industries in California, Bulletin No. 124, April 1964

Original Data Source: California State Department of Water Resources and various water service agencies

Database Media: Tape

Database Limitations: Unlimited

<N16>

Database Name: Water Use By Manufacturing Industries: 1970

Contact Person: Lederer, C.

Data Dates: 1970

General Description: This data file contains the results of a statewide survey of water use in 1970 by some 30,000 manufacturing and industrial plants in California. This was a second survey, simplified and adjusted to compare directly with the base-year study in 1960. The purpose of this survey is to provide a uniform base from which public agencies and other organizations that plan and operate water distribution facilities can evaluate current water use practices and plan for future manufacturing water needs. Data items in the survey included (1) reported range of water use (2) reported use by industry (3) reported water use by county (4) reported type of water use (5) reported recirculation (6) reported discharge (7) estimated water use by county (8)

estimated water use by Industrial Group (9) reported potential acceptance of reclaimed water and (10) reported source of water.
Geographic Coverage: California by County
Technical Documentation: Water Use By Manufacturing Industries in California, Bulletin No. 124-2 March 1977
Original Data Source: The California State Department of Water Resources; U.S. Army Corps of Engineers; and the U.S. Bureau of Reclamation
Database Media: Tape
Database Limitations: Unrestricted

<N17>

Database Name: Water Waste Permit Applications

Contact Person: Burkhart, B.R.

Data Dates: 1970

General Description: This data file contains the results of 375 permit applications by industrial and manufacturing facilities in the San Francisco Bay-Delta Region of California. Information as to the Water usage by these facilities is needed for a permit to discharge or work in navigable waters and tributaries in California. Data items from the permit applications include (1) flow, temperature, and PH of the treated and untreated intake water (2) daily average flow and (3) minimum and maximum flows. Specific water contaminants by each facility outlet includes measurements of alkalinity, total solids, dissolved solids, suspended solids, nitrated, phosphates, cyanide, arsenic, cadmium, chromium, iron, lead, mercury, zinc, phenols and several others. Each of these contaminants is measured by the (1) amount of daily average untreated and treated intake water (2) the maximum concentration (3) maximum pounds per day per unit (4) daily average concentration and the (5) average pounds per day. Other identification includes 3- and 4-digit Standard Industrial Classification (SIC) code, permit date, name of facility, location, zip code area, and facility waterway identification code.

Geographic Coverage: San Francisco Bay-Delta Area, California

Technical Documentation:

Original Data Source: U.S. Army Corps of Engineers; Environmental Protection Agency (EPA)

Database Media: Tape

Database Limitations: Unrestricted

DEMOGRAPHIC and HEALTH

<D1>

Database Name: **Age-Adjusted Cancer Mortality Data**

Contact Person: Merrill, D.W.

Data Dates: 1950-1969 Combined

General Description: These files are from the National Center for Health Statistics, Epidemiology Branch of the National Cancer Institute. They contain age-adjusted cancer mortality rates for all counties of the contiguous United States, 1950 through 1969 combined, by age, race, sex, and site of cancer. Data for each county in the U.S. include total number of cancer deaths and age-adjusted death rates according to sex and race (white and nonwhites) over the 20-year period. As a geographic unit for study, the

Geographic Coverage: United States by county.

Technical Documentation: Tape documentation and Department of Health, Education and Welfare publication No. (NIH) 74-615.

Original Data Source: Dr. Thomas Mason, National Cancer Institute, NCHS

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<D2>

Database Name: **Age-adjusted Mortality Rates for 53 Causes of Death for 1968-1972 by Race and Sex for Counties**

Contact Person: Merrill, D. W.

Data Dates: 1968-1972 combined

General Description: These data were extracted from 1968-1972 NCHS mortality records. Annual average age-adjusted mortality rates per million are given for white males, white females, black males, and black females. Causes of death are grouped into 53 classes. Death rates and population are given for 3082 counties.

Geographic Coverage: U.S. by county

Technical Documentation: Herbert I. Sauer et al, University of Missouri. Methods and Cautions Regarding Deaths and Death Rates for Selected Causes, White and Negroes by Sex and Age, for Each County, State Economic Area and State, U.S., 1968-72; plus related unpublished documentation. July 1976 through September 1976.

Original Data Source: Herbert I. Sauer et al, University of Missouri. Furnished to LBL in 1977 by Larry Milask, Council for Environmental Quality.

Database Media: MSS tape.

Database Limitations: Advise contact person of intended use.

<D3>

Database Name: **Age-Specific Mortality Rates for 53 Causes of Death for 1968- 1972 by Race and Sex for Countries.**

Contact Person: Merrill, D.W.

Data Dates: 1968-1972 combined

General Description: These data were extracted from 1968-1972 NCHS mortality records. Age-Specific mortality rates per one million are given for white males, white females, black males, and black females. The age-specific age groups are as follows: under 1 year, 1-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85 and over. In addition, age-adjusted rates are provided for the following 6 age groups: 45-64, 45-74, 35-74, all ages, adjusted to 1940 U.S. population, all ages, adjusted to 1960 U.S. population, all ages, adjusted to 1970 U.S. population. Causes of death are grouped into 53 classes. Rates and population are given for 3082 counties.

Geographic Coverage: U.S. by county

Technical Documentation: Herbert I Sauer et al, University of Missouri. Methods and Cautions regarding Deaths and Death Rates for Selected Causes, Whites and Negroes by Sex and Age, for each county, State Economic Area and State, U.S., 1968-72; plus related unpublished documentaion. July 1976 through September 1976.

Original Data Source: Herbert I. Sauer, University of Missouri (1978)

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<D4>

Database Name: Cancer Mortality Survey, Erie County, New York

Contact Person: Merrill, D.W.; Winkelstein, W.

Data Dates: 1959;1960;1961

General Description: These files contain data taken from a survey of death certificates issued in 1959-1961 in and adjacent areas to the city of Buffalo in Erie county, New York. Variables included are age, sex, race, cause of death, economic status, and levels of air pollution for suspended particles and sulphur dioxide. Data have been presented from the Erie County Air Pollution-Respiratory Function Study which show a positive association between air pollution level and total mortality among white men age 50-69 when economic factors have been controlled. The relationship persists although it is greatly attenuated in those 70 years of age and over. Among white women the same pattern is evident. For chronic respiratory disease, a positive association is demonstrated for white men 50-69 years of age. No association between air pollution and cancer of the bronchus, trachea, and lung is evident in these data.

Geographic Coverage: City of Buffalo, and adjacent areas in Erie County, New York

Technical Documentation: The Relationship of Air Pollution and Economic Status to Total Mortality and Selected Respiratory System Mortality in Men: Warren Winkelstein, Jr., MD, et al. Archives of Environmental Health, January 1967, Vol. 14, pp. 162-171.

Original Data Source: Warren Winkelstein, Jr., MD, et al

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<D5>

Database Name: Detailed Mortality Statistics From Individual Death Certificates

Contact Person: Merrill, D.W.

Data Dates: 1972

General Description: Mortality data for the U.S. are limited to deaths registered within the death registration system and include deaths occurring to nonresidents of the U.S. Data obtained from microfilm copies of certificates were filed for deaths occurring in 1972. Demographic and medical information includes classification by place of occurrence and residence, age, race, sex, primary and underlying causes of death. Cause of death is classified in accordance with the International Classification of Disease (ICD) codes. Geographic areas are classified as defined for the 1970 census enumeration. Place of occurrence is classified by State and County. In residence classification all deaths are allocated to the usual place of residence of the decedent as reported on the death certificate. In place of residence classification all areas are arranged alphabetically by State, county, and city. For 1972, only 50% of the total death certificates were recorded in machine readable form.

Geographic Coverage: United States by state; U.S. by county

Technical Documentation: Standardized micro-data Tape transcripts, DHEW Publication no. 76-123 (revised) Department of Health, Education and Welfare.

Original Data Source: National Center for Health Statistics, United States Department of Health, Education and Welfare.

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<D6>

Database Name: Intercensal Demographic Estimates File

Contact Person: Schroeder, E.C.

Data Dates: 1973-1975

General Description: This file presents current estimates of the population and per capita money income for selected areas in each State. The population estimates relate to 1970 Census of Population, July 1, 1973 and July 1, 1975. The estimates of per capita income cover calendar 1969, 1972, and 1974. These estimates were developed to provide updates of the data elements in Federal revenue sharing allocations under the State and local Fiscal Assistance act of 1972. Data for these statistics were derived from various administrative record sets and compilations, mainly from the Internal Revenue Service (IRS) and the Bureau of Economic Analysis (BEA). Births, deaths and net migration estimates from April 1, 1970 through Aug 1, 1975 are also included in this file.

Geographic Coverage: Counties; Incorporated Places; active Minor Civil Divisions, commonly towns in New England, New York and Wisconsin; or townships in other parts of the United States.

Technical Documentation: Intercensal Demographic Estimates File Technical Documentation. Population Estimates and Projections, Series P-25, April 1977.

Original Data Source: u.S. Bureau of the Census

<D7>

Database Name: Net Migration, 1960-1970

Contact Person: Schroeder, E. C.

Data Dates: 1960-1970

General Description: This file contains 1960 population and 1970 population for 20 age cohorts, and 1970 expected population, 1960-1970 net migration estimates and 1960-1970 net migration rates for nine sex/total categories for 17 age cohorts.

Geographic Coverage: U.S.; State; County; four U.S. census regions; nine U.S. census divisions.

Technical Documentation: See contact person

Original Data Source: U.S. Department of Agriculture, Economic Research Service, National Science Foundation-RANN Population Redistribution Project, University of Georgia.

Database Media: Tape

Database Limitations: Unlimited.

<D8>

Database Name: Population Projections 1978-1980

Contact Person: Schroeder, E.C.

Data Dates: 1978-1980

General Description: This data file contains population projections in the United States for 1978-1980. This data assumes a continuation of post-1970 population trends and thus implicitly assumes a continuation of recent migration trends. Population universes and controls included separate calculations for civilian population, resident armed forces, and resident population. The projection methodology above county level involved 1) the U.S. total, 1/1/77 controls 2) states using a 4/1/70 to 7/1/75 base period and 3) counties using a 4/1/70 to 7/1/74 base period. Eleven data elements are produced for States. The projections below county level are calculated solely on the resident population for the base period 4/1/70 to 7/1/73. For the sub county projections, six data elements are produced: 1) 4/1/70 resident population, 2) 7/1/73 resident population, 3) 4/1/70 - 7/1/73 change in resident population, 4) 4/1/70 - 7/1/73 average annual change in resident population, 5) preliminary projection of January 1, 1977 resident population, and 6) adjusted projection of January 1, 1977 resident population. Data for all levels of geography include total resident population projections for January 1978, July 1978, July 1979, and April 1980.

Geographic Coverage: U.S., States, counties, Minor Civil Divisions ((MCD's) in New England, Cities with 50,000 or more population.

Technical Documentation: See Contact Person

Original Data Source: U.S. Bureau of the Census

Database Media: Tape

Database Limitations: Unlimited.

<D9>

Database Name: Revised Population by County for 1970 By Single Years Of Age by Race and Sex

Contact Person: Merrill, D.W.

Data Dates: 1970

General Description: This file contains adjusted population data by single year of age, by race and by sex for the 3141 counties in the U.S. in 1970. (Correction tape for Second Count, File B Single Year of age figures). Corrections included 1) compensations for errors in the census tabulations of centenarians and 2) estimated age-race-sex distributions for corrections that changed a county total. No demographic characteristics are available for these corrections. Actual data includes populations counts by sex and race (white, blacks, nonwhites) for 97 age groups (single years 0 through 94, 95-99, and 100+).

Geographic Coverage: U.S. by County

Technical Documentation: See Reference Manual on Population and Housing Statistics from the Census Bureau, March 1977, 77-78; and unpublished documentation from Bureau of the Census.

Original Data Source: U.S. Bureau of the Census

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<D10>

Database Name: Health: Third National Cancer Survey, Cancer Incidence Data

Contact Person: Merrill, D.W.; Sacks, S.; Selvin, S.

Data Dates: 1969;1970;1971

General Description: The Third National Cancer Survey provides information on cancer incidence in the U.S. Demographic and medical information was collected on all malignancies newly diagnosed during a 3-year period (1969-71) in seven metropolitan areas and two entire states, with a combined population of 21 million people or 10.3% of the population of the U.S. For each of the 181,027 new cancers diagnosed a person record is provided which includes state and county of residence, sex, race, age, tumor type, and site method of diagnosis, etc. Medical records provided the information in 97.9% of the cases. The remaining 2.1% were identified from death certificates only. A special feature of the survey was the detailed classification of each malignancy according to a morphology index that defines over 200 pathologically distinct cell types.

Geographic Coverage: Atlanta SMSA, Dallas SMSA, Birmingham SMSA, Minneapolis-St. Paul SMSA, Pittsburgh SMSA, San Francisco-Oakland SMSA, Detroit SMSA, and the states of Colorado and Iowa.

Technical Documentation: Machine readable Data Description file (listing provided by NCI)

Original Data Source: National Cancer Institute

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<D11>

Database Name: Health: Third National Cancer Survey, Cancer Incidences, Patient Interview Epidemiological Extract

Contact Person: Merrill, D.W.; Sacks, S.; Selvin, S.

Data Dates: 1969;1970;1971

General Description: These files contain detailed data taken from follow-up interviews with approximately 20% of the subjects of the

1969-71 Third National Cancer Survey. The extracted information includes 190 items per interview that cover age, race, sex, residence, doctor visits, tobacco and alcohol use, medical history employment and occupation, mobility, work history, cause of death and other socio-economic items.

Geographic Coverage: Atlanta SMSA; Birmingham SMSA; Minneapolis-St. Paul SMSA; Pittsburgh SMSA; San Francisco-Oakland SMSA; and the states of Colorado and Iowa.

Technical Documentation: Machine-readable Data Description File (listing from National Cancer Institute)

Original Data Source: National Cancer Institute

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<D12>

Database Name: Health: U.S. Mortality by County, Sex, and Race

Contact Person: Merrill, D.W.

Data Dates: 1968-1972 combined

General Description: This data base includes populations at risk and death rates for selected causes, whites and Negroes by sex and age, for each county, State Economic Area and State, the U.S. for the period 1968-1972. The data have been extracted from two sources. The number of deaths have been tabulated from the 1968-1972 NCHS Micro-Data mortality files and the population-at-risk has been obtained from the revised Second Count tapes of the Bureau of the Census, 1970 enumeration, through the Institute for Behavioral Research, University of Georgia. Death rates for all ages, age-adjusted by 10 year age groups by the direct method to the total U.S. population have three sets of rates, age adjusted to the 1940, 1960, and 1970 population. 53 causes of death are included.

Geographic Coverage: United States by State; county; and State Economic Area.

Technical Documentation: Herbert I. Sauer, et. al. Methods and Cautions Regarding Deaths and Death Rates for Selected Causes, Whites and Negroes by Sex and Age, For Each County, State Economic Area and State, U.S. 1968-72, Unpublished Memo, 27 August 1976 and Supplement September 3, 1976.

Original Data Source: NCHS. Tabulated by Herbert I. Sauer, University of Missouri.

Database Media: Tape

Database Limitations: Advise contact person of intended use.

<D13>

Database Name: U.S. Census, 1960, Extract, Series C, Census of Population

Contact Person: Gey, F.C.

Data Dates: 1960

General Description: Data is presented on population - general data (12 tabulations), labor force characteristics (24 tabulations), income personal and family (6 tabulations), education (11 tabulations), family and household (26 tabulations), and non-response allocations. There are approximately 1000 data items in this

25-percent sample summary file.
Geographic Coverage: U.S. by county
Technical Documentation: QWICK QWERY Reference Dictionary to 1960 Census
of Information and LBL retrievable documentation.
Original Data Source: U.S. Bureau of the Census
Database Media: PSS; Tape
Database Limitations: QWICK QWERY and REAP. QWICK QWERY (Trademark and
Service Mark of CACI, Inc. Information Processing System) is a
batch-oriented proprietary retrieval and report generation
system. REAP is an interactive retrieval system for teletype or
CRT terminal retrieval of a major subset of the SEEDIS Information
System at LBL. Operational on a CDC-7600 computer with the QWICK
QWERY system; REAP retrieval system on the CDC-6600 computer.

<D14>

Database Name: U.S. Census, 1970, Extract, File C, Special 5th Count

Contact Person: Gey, F.C.

Data Dates: 1970

General Description: Data in the special fifth count 1970 Census file C
have both population and housing characteristics and include age,
race, and sex, urban-rural population, income, families by poverty
status and children under 18, count of housing units, value, gross
rent, year moved into unit, and heating and cooking fuel. There
are 53 tabulations in all for this 20-percent file.

Geographic Coverage: U.S. Minor Civil Division (MCD), census tract,
enumeration district (ED), and block group (BG).

Technical Documentation: Reference Dictionary to 1970 Census Files
(Special Fifth Count)

Original Data Source: U.S. Bureau of the Census, File C, 1970 census
(special fifth count).

Database Media: Tape

Database Limitations: QWICK QWERY (Trademark and Service Mark of CACI,
Inc., Information Processing System) is a batch-oriented
proprietary retrieval and report generation system. Operational
on a CDC-7600 computer with the QWICK QWERY system.

<D15>

Database Name: U.S. Census, 1970, Extract, 1st Count, File A and File B

Contact Person: Gey, F.C.

Data Dates: 1970

General Description: This extract from the 1970 first count file
contains 45 tabulations of population and housing
characteristics. Data is included on race, sex, age, household
composition and marital status. Household data includes value,
rent, facilities, tenure, and race of household head.

Geographic Coverage: U.S.; State, Enumeration District (ED), Block Group
(BG), and Census Tract.

Technical Documentation: QWICK QWERY Reference Dictionary to First Count
1970 Census file, also LBL retrievable documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Tape

Database Limitations: QWICK QWERY (Trademark and Service mark of CACI,
Inc. Information Processing System) is a batch-oriented

proprietary retrieval and report generating system.

<D16>

Database Name: U.S. Census, 1970, Public Use Sample, State 5%, 15%

Contact Person: Healey, R.N.

Data Dates: 1970

General Description: Variables reflected in the file include: (a) housing characteristics such as vacancy status, duration of vacancy, telephone available, kitchen facilities, plumbing facilities, basement, property value, monthly rent, age of structure, heating equipment, water source, sewage disposal, air conditioning, and (b) population characteristics such as family relationships, age, sex, race, state of birth, education, children ever born, employment status, income in 1969, family size, veteran status, place of work, and means of transportation to work.

Geographic Coverage: State, Urban or Rural residence, and Metropolitan/Nonmetropolitan area residence.

Technical Documentation: 1970 Census User's Guide, Part I, Public Use Samples of basic Records From the 1970 Census: Description and Technical Documentation.

Original Data Source: U.S. Bureau of the Census.

Database Media: Photo-Digital Mass Storage System; Tape

<D17>

Database Name: U.S. Census, 1970, Extract, 4th Count

Contact Person: Gey, F.C.

Data Dates: 1970

General Description: The file contains a small but useful subset of 3,343 records (18 tabulations) from the 4th Count, 1970, U.S. Census. Subject information covers age and sex, family income and earnings, population at work and in the labor force, education, and the employed population by industry, occupation, and sex. The totals are without racial breakdown.

Geographic Coverage: U.S. total, state, SMSA, and county.

Technical Documentation: QWICK QUERY Reference Dictionary to Fourth Count 1970 Census Files, also LBL retrievable documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Tape; MSS

Database Limitations: QWICK QUERY (trademark and Service Mark of CACI, Inc. Information Processing System) is a batch-oriented proprietary retrieval and report generation system.

<D18>

Database Name: U.S. Census, 1970, Public Use Sample

Contact Person: Healey, R.N.; Kwok, L.

Data Dates: 1970

General Description: Public Use Samples contain a subset of the basic records of those people filling out the 15% sample questionnaire and a subset of the basic records of those people asked to complete the 5% sample questionnaire. Variables reflected in the file include: (a) housing characteristics such as vacancy status,

duration of vacancy telephone available, kitchen facilities, plumbing facilities, basement property value, monthly rent, age of structure, heating equipment, water source sewage disposal, air conditioning, and (b) population characteristics such as family relationship, age, sex, race, state of birth, education, children ever born, employment status, income in 1969, family size, veteran status, place of work, and means of transportation to work.

Geographic Coverage: United States

Technical Documentation: 1970 Census User's Guide, Part I-- Public Use Samples of Basic Records From the 1970 Census: Description and Technical Documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

<D19>

Database Name: U.S. Census, 1970 Public Use Sample, County Group 5%, 15%

Contact Person: Healey, R. N.

Data Dates: 1970

General Description: Variables reflected in the file include (a) housing characteristics such as vacancy status, duration of vacancy, telephone available, kitchen facilities, plumbing facilities, basement, property value, monthly rent, age of structure, heating equipment, water source, sewage disposal, air conditioning, and (b) population characteristics such as family relationship, age, sex, race, state of birth education, children ever born, employment status, income in 1969, family size, veteran status, place of work, and means of transportation to work.

Geographic Coverage: SMSA (if over 250,000 population) or related groups of counties.

Technical Documentation: 1970 Census User's Guide, part I, Public Use Samples of Basic Records from the 1970 Census: Description and Technical Documentation

Original Data Source: U.S. Bureau of the Census

Database Media: MSS; Tape

Database Limitations: Unrestricted.

<D20>

Database Name: U.S. Census, 1970, Public Use Sample Neighborhood 5%, 15%

Contact Person: Healey, R.N.

Data Dates: 1970

General Description: Information is contained in these files on the type of area and demographic and socioeconomic characteristics of the neighborhood residence of the respondent. The Neighborhood Characteristics Record also contains information on housing characteristics and population characteristics. The items included under housing are: general housing characteristics, value or rent, vacancy, structural and other characteristics. The items included under population are: general population characteristics, family and fertility, ethnic groups, education, mobility, employment, occupation, and industry, income, and poverty.

Geographic Coverage: Neighborhood areas, approximately the size of census tract, containing around 4,000 people

Technical Documentation: 1970 Census User's Guide, Part I, Public Use

Samples of Basic Records From the 1970 Census: Description and Technical Documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

<D21>

Database Name: U.S. Census, 1970, Public Use Sample, State 5%, 15%

Contact Person: Healey, R.N.

Data Dates: 1970

General Description: Variables reflected in the file include: (a) housing characteristics such as vacancy status, duration of vacancy, telephone available, kitchen facilities, plumbing facilities, basement, property value, monthly rent, age of structure, heating equipment, water source, sewage disposal, air conditioning, and (b) population characteristics such as family relationships, age, sex, race, state of birth, education, children ever born, employment status, income in 1969, family size, veteran status, place of work, and means of transportation to work.

Geographic Coverage: State, Urban or Rural residence, and Metropolitan/Nonmetropolitan area residence.

Technical Documentation: 1970 Census User's Guide, Part I, Public Use Samples of basic Records From the 1970 Census: Description and Technical Documentation.

Original Data Source: U.S. Bureau of the Census.

Database Media: Photo-Digital Mass Storage System; Tape

<D22>

Database Name: U.S. Census, 1970, Summary Tapes, 2nd Count

Contact Person: Gey, F.C.; Healey, R.N.

Data Dates: April 1, 1970

General Description: Second Count Summary Tapes are created from the complete-count basic record files used to prepare the tables for Census of Population, Volume I, Chapter B: Census of Housing, Volume I, Chapter A: and the Census Tract Reports. The tapes contain more data items for tracts and other small areas than are available from the printed reports. The Second Count population tables include race, age, household composition, and marital status. The housing tables include value, rent, facilities, crowding, structural characteristics, plumbing facilities, telephone availability, and characteristics of vacant units.

Geographic Coverage: United States

Technical Documentation: 1970 Census User's Guide, Part I and Part II; and LBL internal documentation

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

<D23>

Database Name: U.S. Census, 1970, Summary Tapes, 2nd Count, File A

Contact Person: Healey, R.N.

Data Dates: April 1, 1970

General Description: Tables are provided containing data on population

characteristics including race, age, household composition, and marital status. The housing tables include value, rent, facilities, crowding, structural characteristics, plumbing facilities, telephone availability, and characteristics of vacant units.

Geographic Coverage: Census Tracts

Technical Documentation: 1970 Census User's Guide, Part I and Part II; LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

Database Limitations: None.

<D24>

Database Name: U.S. Census, 1970, Summary Tapes, 2nd Count, File B

Contact Person: Gey, F.C.; Healey, R.N.; Knif, S.

Data Dates: April 1, 1970

General Description: Tables are provided containing data on population characteristics including race, age, household composition, and marital status. The housing tables contain data on value, rent, facilities, crowding, structural characteristics, plumbing facilities, telephone availability, and characteristics of vacant units.

Geographic Coverage: File B consists of 23 categories. The first record on the file is a State summary record. This is followed by as many as 11 State components summaries: (1) Central Cities of Urbanized Areas (2) Urban Fringes of Urbanized Areas (3) Urban Places with 10,000 or more population outside Urbanized areas (4) Urban Places with 2,500-10,000 or more population outside Urbanized Areas (5) Rural Places with 1,000-2,500 or more population (6) Other Rural Areas (7) Central Cities of Standard Metropolitan Statistical Areas (SMSA'S) (8) Other Urban Areas of SMSA's (9) Rural Areas in SMSA's (10) Urban Areas outside SMSA's (11) Rural Areas out SMSA's. These are followed by the appropriate number of Standard Consolidated Area and Standard metropolitan Statistical Area summaries. Four types of SMSA component summaries follow each SMSA summary: (1) County inside SMSA (2) Central City or city with 50,000 or more population inside an SMSA (3) Urban balance of SMSA (4) Rural Area of SMSA. A summary for each Urbanized Area in the State follows the SMSA's. There is an Urban and Rural Summary for every county in the state. Finally, the file contains a summary for every MCD or CCD in the state.

Technical Documentation:

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

Database Limitations: None.

<D25>

Database Name: U.S. Census, 1970, Summary Tapes, 4th Count

Contact Person: Healey, R.N.

Data Dates: April 1, 1970

General Description: Tabulations are presented separately for population and housing. The Fourth Count Population Summary Tapes are

created from the basic record files of sampled data as well as complete count used to prepare the tables of Census of Population, Volume I, Chapter C, and Census Tract Reports. The tapes contain more data items for tracts and other small areas than are available from the printed reports. Information is given on income, age, sex, race, family composition, nativity and parentage, citizenship, migration history since 1965, place of work, transportation to work, labor force, occupation, industry, and poverty status. Fourth Count Housing Summary Tapes are created from the basic record files of sampled data as well as complete count for Census of Housing, Volume I, Chapter B, and the Census Tract Reports. The tapes contain more data items for tracts and other small areas than are available from the printed reports. Information is given on value of housing unit, rent, age of unit, tenure, plumbing facilities, heating equipment, source of water, type of sewage disposal, number of bathrooms, number of automobiles, air-conditioning, location of structure, stories and units in structure, cooking fuel, house heating fuel, water heating fuel, clothes washer and dryer, dishwasher, home freezer, television sets, battery-operated radio, second home, kitchen facilities, type of foundation, telephone, roomers, and number of rooms.

Geographic Coverage: United States

Technical Documentation: 1970 Census User's Guide, Part I and Part II; LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

Database Limitations: Unlimited.

<D26>

Database Name: U.S. Census, 1970, Summary Tapes, 4th Count, Housing

Contact Person: Gey, F.C.; Healey, R.N.

Data Dates: April 1, 1970

General Description: Fourth Count Housing Summary Tapes are created from the sample basic record files used to prepare the table for Census of Housing, Volume I, Chapter B, and the Census Tract Reports. The tapes contain more data items for tracts and other small areas than are available from the printed reports. The Fourth Count housing tables include numerous cross-tabulations made from the 5%, 15%, and 20% samples of the 1970 Census of Housing in addition to complete-count information. Information is given on value of housing unit, rent, age of unit, tenure, plumbing facilities, heating equipment, source of water, type of sewage disposal, number of bathrooms, number of automobiles available, air-conditioning, location of structure, stories and units in structure, cooking fuel, house heating fuel, water heating fuel, clothes washer and dryer, dishwasher, home freezer, television sets, battery-operated radio, second home, kitchen facilities, type of foundation, telephone, roomers and number rooms.

Geographic Coverage: State of California

Technical Documentation: 1970 Census User's Guide, Part I and Part II; LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Tape

Database Limitations: None.

<D27>

Database Name: U.S. Census, 1970, Summary Tapes, 4th Count, Housing,
File A

Contact Person: Gey, F.C.; Healey, R.N.

Data Dates: April 1, 1970

General Description: The Fourth Count housing tables include numerous cross-tabulations made from the 5%, 15%, and 20% samples of the 1970 Census of Housing in addition to complete-count information. Information is given on value of housing unit, rent, age of unit, tenure, plumbing facilities, heating equipment, source of water, type of sewage disposal, number of bathrooms, number of automobiles available, air-conditioning, location of structure, stories and units in structure, cooking fuel, house heating fuel, water heating fuel, clothes washer and dryer, dishwasher, home freezer, television sets, battery-operated radio, second home, kitchen facilities, type of foundation, telephone, roomer, and number of rooms.

Geographic Coverage: California census tracts for those areas tracted in 1970.

Technical Documentation: 1970 Census User's Guide, Part I and Part II; other LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Tape

<D28>

Database Name: U.S. Census, 1970, Summary Tapes, 4th Count, Housing,
File B

Contact Person: Gey, F.C.; Healey, R.N.

Data Dates: April 1, 1970

General Description: The Fourth Count housing tables include numerous cross-tabulations made from the 5%, 15%, and 20% samples of the 1970 Census of Housing in addition to complete-count information. Information is given on value of housing unit, rent, age of unit, tenure, plumbing facilities, heating equipment, source of water, type of sewage disposal, number of bathrooms, number of automobiles available, air-conditioning, location of structure, stories and units in structure, cooking fuel, house heating fuel, water heating fuel, clothes washer and dryer, dishwasher, home freezer, television sets, battery-operated radio, second home, kitchen facilities, type of foundation, telephone, roomer, and number of rooms.

Geographic Coverage: California Minor Civil Divisions (MCD's)

Technical Documentation: 1970 Census User's Guide, Part I and Part II; other LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Tape

<D29>

Database Name: U.S. Census, 1970, Summary Tapes, 4th Count, Housing,
File C

Contact Person: Gey, F.C.; Healey, R.N.

Data Dates: April 1, 1970

General Description: The Fourth Count housing tables include numerous cross-tabulations made from the 5%, 15%, and 20% samples of the 1970 Census of Housing in addition to complete-count information. Information is given on value of housing unit, rent, age of unit, tenure, plumbing facilities, heating equipment, source of water, type of sewage disposal, number of bathrooms, number of automobiles available, air-conditioning, location of structure, stories and units in structure, cooking fuel, house heating fuel, water heating fuel, clothes washer and dryer, dishwasher, home freezer, television sets, battery-operated radio, second home, kitchen facilities, type of foundation, telephone, roomer, and number of rooms.

Geographic Coverage: (1) State of California (2) Total Urbanized Areas in State (3) Central Cities of Urbanized Areas (4) Urban Fringe of Urbanized areas (5) Urban Places with 10,000 population outside Urbanized Areas (7) Total Places with 2,500-10,000 population outside Urbanized Areas (7) Total Standard Metropolitan Statistical Areas in States (8) Central Cities of SMSA's (9) Other Territory of SMSA's (10) Non-SMSA territory in State (11) Standard Consolidated Area (12) SMSA (13) Each county in the SMSA (14) Each Central City or city with 50,000 or more population inside the SMSA (15) Balance of each SMSA: (16) Each Urbanized Area (17) Each Central City of the Urbanized Area (18) Urban Fringe of the Urbanized Area (19) Place with 2,500 or more population (20) County.

Technical Documentation: 1970 Census User's Guide, Part I and Part II; other LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Tape

<D30>

Database Name: U.S. Census, 1970, Summary Tapes, 4th Count, Population

Contact Person: Gey, F.C.; Healey, R.N.

Data Dates: April 1, 1970

General Description: The Fourth Count Population Summary Tapes are created from the sample basic record files used to prepare the tables for Census of Population, Volume I, Chapter C, and the Census Tract Reports. The tapes contain more data items for tracts and other small areas than are available from the printed reports. The Fourth Count population tables include numerous cross-tabulations made from the 5%, 15%, and 20% samples of the 1970 Census of Population in addition to complete-count information. Information is given on family income, individual income, age, sex, family composition, nativity and parentage, citizenship, migration history since 1965, place of work, means of transportation to work, labor force participation, female-headed families, poverty status.

Geographic Coverage: United States

Technical Documentation: 1970 Census User's Guide, Part I and Part II; other LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

Database Limitations: Unlimited.

<D31>

Database Name: U.S. Census, 1970, Summary Tapes, 4th Count, Population, File A

Contact Person: Gey, F.C.; Healey, R.N.

Data Dates: April 1, 1970

General Description: The Fourth Count Population Summary Tapes are created from the sample basic record files used to prepare the tables for Census of Population, Volume I, Chapter c, and the Census Tract Reports. The tapes contain more data items for tract and other small areas than are available from the printed reports. The Fourth Count Population tables include numerous cross-tabulations made from the 5%, 15%, and 20% samples of the 1970 Census of Population in addition to complete-count information. Information is given on family income, individual income, age, sex, family composition, nativity and parentage, citizenship, migration history since 1965, place of work, means of transportation to work, labor force participation, female-headed families, poverty status.

Geographic Coverage: Census Tracts for those areas tracted in 1970. Each census tract may have up to five logical records: four data logical records (total population, White population, Negro population Spanish-American population) and one allocation logical record. Each data logical record contains the same data, except that the universe tabulated is different in each case.

Technical Documentation: 1970 Census User's Guide, Part I and Part II; other LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

Database Limitations: Unlimited.

<D32>

Database Name: U.S. Census, 1970, Summary Tapes, 4th Count, Population, File B

Contact Person: Gey, F.C.; Healey, R.N.

Data Dates: April 1, 1970

General Description: The Fourth Count Population Summary Tapes are created from the sample basic record files used to prepare the tables for Census of Population, Volume I, Chapter c, and the Census Tract Reports. The tapes contain more data items for tracts and other smaller areas than are available from the printed reports. The Fourth Count Population tables include numerous cross-tabulations made from the 5%, 15%, and 20% samples of the 1970 Census of Population in addition to complete-count information. Information is given on family income, individual income, age, sex, family composition, nativity and parentage, citizenship, migration history since 1965, place of work, means of transportation to work, labor force participation, female-headed families, poverty status.

Geographic Coverage: Minor Civil Divisions (MCD) or Census County Division (CCD).

Technical Documentation: 1970 Census User's Guide, Part I and Part II; other LBL internal documentation.

Original Data Source: U.S. Bureau of the Census
Database Media: Photo-Digital Mass Storage System; Tape
Database Limitations: Unlimited

<D33>

Database Name: U.S. Census, 1970, Summary Tapes, 4th Count, Population, File C

Contact Person: Gey, F.C.; Healey, R.N.

Data Dates: April 1, 1970

General Description: The Fourth Count Population Summary Tapes are created from the sample basic record files used to prepare the tables for Census of Population, Volume I, Chapter C, and the Census Tract Reports. The tapes contain more data items for tracts and other small areas than are available from the printed reports. The Fourth Count Population tables include numerous cross-tabulations made from the 5%, 15%, and 20% samples of the 1970 Census of Population in addition to complete-count information. Information is given on family income, individual income, age, sex, family composition, nativity and parentage, citizenship, migration history since 1965, place of work, means of transportation to work, labor force participation, female-headed families, poverty status.

Geographic Coverage: (1) State; (2) Total Urbanized Areas in State; (3) Central Cities of Urbanized areas; (4) Urban Fringe of Urbanized Areas; (5) Urban Places with 10,000 or more population outside Urbanized Areas; (5) Urban Places with 2,500-10,000 population outside Urbanized Areas; (7) Total Standard Metropolitan Statistical Areas in the State; (8) Central Cities of SMSA's (9) Other Territory of SMSA's; (10) Non-SMSA Territory in the State Standard Consolidated Areas, Standard Metro Standard Consolidated Areas, Standard Metropolitan Statistical Areas, and SMSA Components; (11) Standard Consolidated Area; (12) SMSA (13) Each county in the SMSA; (14) Each Central City or city with 50,000 or more population inside the SMSA; (Urban portion); (15) Balance of each SMSA; (16) Each Urbanized Area; (17) each Central City of the Urbanized Area; (18) Urban Fringe of the Urbanized Area; (19) Place with 2,500 or more population, including New England towns; (20) County.

Technical Documentation: 1970 Census User's Guide, Part I and Part II; other LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

Database Limitations: Unlimited.

<D34>

Database Name: U.S. Census, 1970, Summary Tapes 5th Count

Contact Person: Gey, F.C.; Healey, R.N.

Data Dates: 1970

General Description: Fifth Count Summary tapes are created from the sample basic record files. They contain data which does not appear in the printed reports. The Fifth Count tables include data on characteristics such as: population, income, race, age, sex, education, employment, poverty status. Data on housing

characteristics such as: value, rent, structural characteristics, and facilities.

Geographic Coverage: United States 3-Digit Zip code areas; 5-Digit Zip code areas in Standard Metropolitan Statistical Areas; County; Tract; ED/BG areas.

Technical Documentation: 1970 Census User's Guide, Part I and Part II; internal LBL documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

<D35>

Database Name: U.S. Census, 1970, Summary Tapes, 5th Count, File A

Contact Person: Gey, F.C.; Healey, R.N.

Data Dates: 1970

General Description: Data is included on population characteristics such as income, race, age, sex, education, employment, poverty status, and data on housing characteristics such as, value, rent, structural characteristics and facilities.

Geographic Coverage: United States 3-Digit Zip Code Areas

Technical Documentation: 1970 Census User's Guide, Part I and Part II; other LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

Database Limitations: Only data summaries available.

<D36>

Database Name: U.S. Census, 1970, Summary Tapes, 5th count, File B

Contact Person: Gey, F.C.

Data Dates: 1970

General Description: Data is included on population characteristics such as income, race, age, sex, education, employment, poverty status, and data on housing characteristics such as, value, rent, structural characteristics and facilities.

Geographic Coverage: United States 5-Digit Zip Code Areas in Standard Metropolitan Statistical Areas.

Technical Documentation: 1970 Census User's Guide, Part I and Part II; other LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

<D37>

Database Name: U.S. Census, 1970, Summary Tapes, 5th Count, ED/BG File.

Contact Person: Gey, F.C.

Data Dates: 1970

General Description: Data is included on population characteristics such as: income, race, age, sex, education, employment, and poverty status. Data is included on housing characteristics such as: value, rent, structural characteristics and facilities. This data file is the only source for 1970 Census Sample information for geographic entities at and below the county level and for places below 2,500 in population.

Geographic Coverage: U.S.; Tracts; Block Groups; Enumeration Districts; and Minor Civil Divisions

Technical Documentation: 1970 Census User's Guide, Part I and Part II; the 1970 Censuses of Population and Housing Special Fifth Count ED/BG Summary tape (sample) (description of file contents and technical conventions); other LBL internal documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Tape

<D38>

Database Name: U.S. Census, 1970, Summary Tapes. 6th Count

Contact Person: Merrill, D.W.; Healey, R.N.

Data Dates: April 1, 1970

General Description: The Sixth count Population Summary tapes are created from the sample file used to prepare tables for Census of Population, Volume I, Chapter D. The contents of the Sixth Count Summaries Generally parallel those of the printed reports, however, the summaries appear for more geographic areas than are found in printed reports. The Sixth Count tapes provide the most detailed summaries for the various subject items which include: disability, income and earnings, poverty status, education, ethnic background, families and households, group quarters, industry and occupation, marital history, nativity and parentage, residence and work experience. The Sixth Count Housing Summary Tapes are created from the sample files used to prepare tables for Census of Housing, Volume II. Again, the summary tapes contain more information for more geographic areas than are found in printed reports. The Sixth count tapes provide the most detailed summaries for the various housing subject items which include: household type, age of head, tenure, race, number of rooms and persons, bedrooms, plumbing facilities, crowding, year built, mobility, income, second home, units in structure, value, rent and value, heating equipment, household equipment, house and water heating fuel, and kitchen facilities.

Geographic Coverage: United States

Technical Documentation: 1970 Censuses of Population and Housing Special Sixth Count Summary Tape (description of file contents and technical conventions)

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

<D39>

Database Name: U.S. Census, 1970, Summary Tapes, 6th Count, Housing, California

Contact Person: Healey, R.N.

Data Dates: April 1, 1970

General Description: The Sixth Count Housing Summary Tapes are created from the sample files used to prepare tables for Census of Housing, Volume II. The summary tapes contain more information for more geographic areas than are found in printed reports. The Sixth Count tapes provide the most detailed summaries for the various housing subject items which include house hold type, age of head, tenure, race, number of rooms and persons, bedrooms,

plumbing facilities, crowding, year built, mobility, income, second homes, units in structure, value, rent and value, heating equipment, household equipment, house and water heating fuel, and kitchen facilities.

Geographic Coverage: California totals for (1) State (2) State total Urban (3) State total rural nonfarm (4) State total Rural Farm (5) Standard Metropolitan Statistical Areas (6) SMSA county (7) Place of 50,000 population or more (8) Central City of an SMSA.

Technical Documentation: 1970 Census of Housing Special Sixth Count Summary Tape (description of file contents and technical conventions)

Original Data Source: U.S. Bureau of the Census

Database Media: Tape

<D40>

Database Name: U.S. Census, 1970, Summary Tapes, 6th count, Population

Contact Person: Merrill, D.W.; Healey, R.N.

Data Dates: April 1, 1970

General Description: The Sixth count Population summary tapes are created from the sample file used to prepare tapes for Census of Population, volume I, Chapter D. The contents of the Sixth count summaries generally parallel that of the printed reports, however, the summaries appear for more geographic areas than are found in printed reports. The Sixth count tapes provide the most detailed summaries for the various subject items which include: disability, income and earnings, poverty status, education, ethnic background, families and households, group quarters, industry and occupation, marital history, nativity and parentage, residence and work experience.

Geographic Coverage: (1) State (2) State total Urban (3) state total rural Nonfarm (4) State total Rural Farm (5) Standard Metropolitan Statistical Area Central City of an SMSA.

Technical Documentation: 1970 Census of population Special Sixth Count Summary Tape (description of file contents and technical conventions).

Original Data Source: U.S. Bureau of the Census

Database Media: Photo-Digital Mass Storage System; Tape

SOCIO-ECONOMIC

<S1>

Database Name: **Annual Housing Survey, SMSA Sample**

Contact Person: Gey, F.; Albrecht, H.

Data Dates:

1974, 1975

General Description: This data file provides a current series of national information concerning such subjects as size and composition of the housing inventory, the characteristics of the occupants, indicators of the housing and neighborhood quality, and the characteristics of recent movers. Data presented in the Survey were completed by direct personal interviews for the data dates above, by the Bureau of the Census. The Annual Housing Survey consists of approximately 15,000 housing units located in each of four large SMSA's and 5,000 in the remaining SMSA's. The sample was selected from housing units enumerated in the 1970 Census and updated by a sample of addresses from building permits to include units constructed since 1970. A different selection of SMSA's is reported for each year of the Annual Housing Survey. The SMSA Sample includes fewer tabulations than a National Sample.

Geographic Coverage: Selected SMSA's and counties

Technical Documentation: QUIK QUERY Reference Dictionary to Bureau of Census Annual Housing Survey 1976 - National Sample; LBL descriptive file on contents and technical conventions.

Original Data Source: U.S. Bureau of the Census and the U.S. Department of Housing and Urban Development

Data Base Media: Tape

Database Retrieval: QWICK QUERY. (Trademark and Service Mark of CACI, Inc. Information Processing System) is a batch-oriented proprietary retrieval and report generation system.

Data Base Limitations: Operational on a CDC-7600 computer with the QWICK QUERY system.

<S2>

Database Name: **Annual Housing Survey, National Sample**

Contact Person: Gey, F.; Albrecht, H.

Data Dates:

1976

General Description: This data file provides a current series of nationwide information concerning such subjects as size and composition of the housing inventory, the characteristics of the occupants, indicators of the housing and neighborhood quality, and the characteristics of recent movers. Data presented in the survey were completed by direct personal interviews, October through December 1976, by the Bureau of the Census, acting as the collection agents for the Department of Housing and Urban Development. The AHS sample consists of approximately 76,100 housing units located in counties and independent cities comprising 416 sample areas used in current national surveys by the Census

Bureau. This computer data file represents the basic records of each of the approximately 67,600 housing units sample in the 1975 National Housing Survey.

Geographic Coverage: National

Technical Documentation: QWICK QUERY Reference Dictionary to Bureau of Census Annual Housing Survey 1976 - National Sample; LBL descriptive file on contents and technical conventions

Original Data Source: U.S. Bureau of the Census; U.S. Department of Housing and Urban Development

Data Base Media: Tape

Data Base Retrieval: QWICK QUERY. (Trademark and Service Mark of CACI, Inc. Information Processing System) is a batch-oriented proprietary retrieval and report generation system.

Data Base Limitation: Operational on a CDC-7600 computer with the QWICK QUERY system.

<S3>

Database Name: BLS Input/Output Projections

Contact Person: Ruderman, H.

Data Dates:

1973; projections to 1980, 1985 and 1990

General Description: This data file contains projections of Input/Output tables from the Bureau of the Labor Statistics (BLS) for 1973, and projections to 1980, 1985, and 1990. The tables contain 162 sectors plus a detailed breakdown of final demand. The tables are described as the Interindustry Transactions table, the Direct Requirements Matrix, Detailed Sales to Final Demand, Scrap and By-product matrix, Secondary Transfer Matrix, Total Requirements Matrix, and the Employment Matrix.

Geographic Coverage: National

Technical Documentation: Tape documentation

Original Data Source: Bureau of Labor Statistics

Data Base Media: Tape

Data Base Limitations: None.

<S4>

Database Name: Bureau of Economic Analysis (BEA) Income and Employment

Contact Person: Gey, F.C.

Data Dates: 1962; 1965-1973

General Description: This file contains income and employment information on Farm, Non-farm, gross industrial categories (manufacturing, mining, construction, wholesale-retail trade, public utilities, etc.) for the years 1962, 1965-1973. The file is composed of all counties in the U.S., all states in the U.S. Income is described by 30 characteristics, employment is shown by 21 group codes.

Geographic Coverage: U.S., states, counties

Technical Documentation: Reference Dictionary to the 1973 BEA Income Estimates

Original Data Source: Bureau of Economic Analysis

Database Media: Tape; MSS

Database Limitations: QWICK QUERY (Trademark and Service Mark of CACI,

Inc. Information Processing System) is a batch-oriented proprietary retrieval and report generation system.

<S5>

Database Name: **Census of Mines and Mineral Industries, Extract 1972**

Contact Person: Gey, F.C.

Data Dates: 1972

General Description: Data in this file includes total number of establishments and number of establishments with 20 employees or more, total man-hours, value added by mining, cost of materials, value of shipments, and new capital expenditures. The file contains five levels of geography, United States, Regions and Divisions (as defined by the Bureau of the Census), states and counties. Industry categories (SIC codes) used in this file are in accordance with the industry classification defined in the 1972 edition of the Standard Industrial Manual. The SIC system includes 2, 3, and 4-digit codes, 3-digit classifications being subdivisions of broader 2-digit classifications and 4-digit codes representing further subdivisions. The four major 2-digit codes describe metal mining, anthracite mining, bituminous coal and lignite mining, and oil and gas extraction.

Geographic Coverage: U.S. 13 Census Bureau aggregate geographic areas, states and counties with mineral/mining activity.

Technical Documentation: QWICK QWERY Reference Dictionary to 1972 Census of Mines and Mineral Industries.

Original Data Source: General Summary Table 2, Area Series Tables 2A and 5 of the 1972 Census of Mines and Mineral Industries, U.S. Bureau of the Census.

Database Media: Tape

Database Limitations: QWICK QWERY (Trademark and Service Mark of CACI, Inc Information Processing System) is a batch-oriented proprietary retrieval and report generation system.

<S6>

Database Name: **County Business Patterns, County Data**

Contact Person: Ruderman, H.; Gey, F.C.

Data Dates: 1964; 1965; 1967; 1968; 1969; 1970; 1972; 1973

General Description: This file contains data on first quarter employment, taxable payroll, number of reporting units, and employment-size class of reporting unit by county and by industry to the 2- and 3-digit (1964) and 2-, 3-, and 4-digit (1965-1973) Standard Industrial Classification level for each county in the United States. They contain the same county data publish in the County Business Patterns publications. The file is derived from yearly employment and payroll information reported on Treasury Form 941, and supplemented by information received from selected multi-unit employers. Data on employment and taxable payrolls are withheld if the data might disclose information about individual employers.

Geographic Coverage: U.S., for all counties by SIC code.

Technical Documentation: U.S. Bureau of Census

Original Data Source: U.S. Bureau of Census

Database Media: Tape; MSS

<S7>

Database Name: **County Business Patterns, State Summary**

Contact Person: Ruderman, H.

Data Dates: 1967; 1972

General Description: This file provides data on first quarter employment, taxable payroll, number of reporting units, and employment-size class of reporting unit by county and by industry to the 2-, 3-, and 4-digit Standard Industrial Classification level for each state in the country. Data modification: maximum-probability estimates of values deleted due to disclosure regulations have been added at the state level. This is made possible by using U.S. National summary data as input to the updating process. Since only totals are affected, there is no violation of U.S. Census disclosure regulations.

Geographic Coverage: State

Technical Documentation:

Original Data Source: U.S. Bureau of the Census

Database Media: Tape;MSS

<S8>

Database Name: **County Employment Survey California and Nevada**

Contact Person: Schroeder, E.C.

Data Dates: California 1963; 1964; 1965; 1966; 1967; 1968; 1970; Nevada 1967

General Description: The data included in this file represent the employment information for the manufacturing industries in California by county for the years 1963 through 1968 and 1970. Similar data is included for Nevada by county in 1967. The data includes (1) the county code (2) a 4-digit Standard Industrial Classification code (3) employer name and account (4) average employment for each quarter of the year and (5) average employment for the year.

Geographic Coverage: California and Nevada by county

Technical Documentation: User's Guide to Input-Output Tables and Related Data, UCID-3845, May 1976

Original Data Source: California State Department of Human Resources Development, Associated Bay area Governments, Berkeley, CA

Database Media: Tape

Database Limitations: Unrestricted.

<S9>

Database Name: **Current Population Survey (CPS) Annual Demographic File**

Contact Person: Holmes, H.H.; Schroeder, E.C.; Kwok, L.

Data Dates: 1968-1977

General Description: The Annual Demographic File is Current Population Survey (CPS) data collected in March of every year, and contains a wide variety of demographic and socioeconomic subject matter including detailed income and work history information. The CPS is located in 449 sample areas comprising 863 counties and independent cities, with coverage in every state and the District

of Columbia (these numbers may vary from year-to-year). The 1975 file contains 200,000 records of two types: Family and Person records. Subject matter covered in the P-20 Population Characteristics, Current Population Reports include a population profile of household and family, marital status and living arrangements, mobilities, education, school enrollment variables, fertility, Spanish origin, and voting/registration data. Other Series in the CPS reports include Characteristics of American Youth, Farm population, and selected household income characteristics. It should be stated that the sample size of approximately 1-in-1400 limits the use of the sample to the United States or relatively large populations within it.

Geographic Coverage: U.S. Census geographic regions, and selected large SMSA's.

Technical Documentation: Annual Demographic File: 1968-1976 Technical Documentation.

Original Data Source: U.S. Bureau of the Census

Database Media: Tape

<S10>

Database Name: **Domestic and International Transportation of U.S. Foreign Trade**

Contact Person: Gey, F.C.

Data Dates: 1970

General Description: This file presents data on the movement of "liner-type" imported and exported commodities within the U.S. and to and from foreign countries. "Liner-type" commodities are non-bulk commodities moving internationally as either air cargo or vessel shipments. Data includes points of origin, of destination, and the means of transport and distances, commodity weight and value, involved in the movement of foreign trade within this country. Each commodity is coded in the most common codes, with U.S. geographic points designated for the state and production/market area (large SMSA's or groups of contiguous SMSA's).

Geographic Coverage: All U.S. customs districts in the 48 contiguous states and District of Columbia.

Technical Documentation: Domestic and International Transportation of U.S. Foreign Trade: 1970, September 1972, Bureau of the Census. QWICK QWERY Reference Dictionary to Domestic and International Transportation of U.S. Foreign Trade: 1970

Original Data Source: U.S. Bureau of the Census

Database Media: Tape

Database Limitations: QWICK QWERY (Trademark and Service Mark of CACI, Inc., Information Processing system) is a batch-oriented proprietary retrieval and report generation system.

<S11>

Database Name: **Employment: Dun and Bradstreet Files**

Contact Person: Merrill, D.W., Lofting, E.

Data Dates:
1972

General Description: The Dun and Bradstreet file contains information on all of the industrial establishments listed in the United States as of 1972. Information available for each industry includes the following; (1) name (2) address (3) Standard Industrial Classification, SIC code (4) number of employees (5) ZIP code. The file is sorted by state by county and by SIC code.

Geographic Coverage: U.S. by county

Original Data Source: Dun and Bradstreet, Inc.; Via Oak Ridge National Laboratory; and Argonne National Laboratory (James D. Cavallo)

Technical Documentation See contact person

Data Base Media: tape

Data Base Limitations: Limited.

<S12>

Database Name: **Employment: Non-Agricultural Wage and Salary Employment**

Contact Person: Heckman, B.; Merrill, D.W.

Data Dates:

Annual, 1958-1972 and projected 1980

General Description: This file provides the on-agricultural wage and salary employment (in jobs) for the United States, by 4-digit (1967) SIC code. The data were prepared by the Bureau of Labor Statistics from the monthly Establishment Survey.

Geographic Coverage: United States total

Technical Documentation: U.S. Department of Labor, Bureau of Labor Statistics, Employment and Earnings, U.S. 1909-1972, BLS Bulletin 1312-9 (or later revisions thereof). The data in the LBL file were normalized to March 1971 benchmarks. Technical documentation provided with the LBL file appears as Appendix A of: Deane Merrill, U.S. Employment for 368 Input-Output Sectors for 1963, 1967, and 1972; UCID-3757, June 30, 1975.

Original Data Source: Bureau of Labor Statistics

Data Base Media: MSS

Data Base Limitations: None.

<S13>

Database name: **Employment: Employment and Earnings, State and Areas**

Contact Person: Merrill, D.W.

Data Dates:

Monthly, 1958 through March 1973

General Description: This file contains monthly data on (a) total employees (b) average weekly earnings (c) average weekly hours (d) average hourly earnings; for all states, and major SMSA's (about 170) of the U.S.; 1958 through March 1973. Typically the industrial breakdown is by 2-digit SIC code; greater or lesser industrial detail is provided depending on the size of the geographic area. Data are normalized to March 1972 benchmarks.

Geographic Coverage: U.S. by state, and approximately 170 major SMSA's

Technical Documentation: Bureau of Labor Statistics (BLS), Employment and Earnings, States and Areas, 1939-1972, BLS Bulletin 1370-10, 1974 (or later editions). Additional documentation from contact person.

Original Data Source: Prepared in March 1975 by Steve Lubin of BLS as "SA (states and areas) SF7 (subfile 7) merged April 1973, P.5015.
Data Base Media: MSS

<S14>

Database Name: **Employment: Estimates by Type and Industrial Source**

Contact Person: Gey, F.; Albrecht, H.

Data Dates:

1971, 1972, 1973, 1974, 1975, 1976

General Description: This data file contains information regarding employment by type and broad industrial sources. Content includes Total Employment and Number of Proprietors' (Farm and Non-Farm) - Total Wage and Salary Employment (Farm and Non-Farm and Private). Industrial sources include: Agriculture, Services, Forestry, Fisherys, and Other - Mining, Construction, Manufacturing, Transportation, Wholesale Trade, Retail Trade, Finance and Government and Government Enterprises. Latitude-Longitude are included in the database.

Geographic Coverage: Selected States, Counties and SMSA's

Technical Documentation: QWICK QUERY Reference Dictionary to Bureau of Economic Analysis Employment By Type and Broad Industrial Sources, December 1978.

Original Data Source: Tape

Data Base Retrieval: QWICK QUERY. (Trademark and Service Mark of CACI, Inc. Information processing System) is a batch-oriented proprietary retrieval and report generation system.

Database Limitations: Operational on CDC-7600 computer with the QWICK QUERY system.

<S15>

Database Name: **Employment: U.S. by State, Industry, and Occupation**

Contact Person: Merrill,, D.W.; Sorell, S.

Data Dates:

1970

General Description: This file, derived from the 1970 Census of Population, contains the number of employed persons in 1970 by state, industry (201 census classifications) and occupation (470 census classifications, including 48 subtotals). Only worker class 0 (total) is included in this file. The state totals are not normalized to agree with the correct U.S. total.

Geographic Coverage: U.S. by state

Technical Documentation: U.S. Bureau of the Census, 1970 Census of Population: Occupation by Industry, Final Report PC(2)-7C. The extraction and archiving of these data at LBL is described in an unpublished memo by S. Sorell, "State Matrix Data to Chipstore", April 18, 1975.

Original Data Source: Bureau of Labor Statistics (BLS) Tapes provided to Brad Heckman in early 1974 contain 69 state/SMSA matrices including (a) 51 states (b) 7 SMSA's overlapping state boundaries (c) non-SMSA portions of 11 states. About 7 separate worker classes separately identified. This file extracted and archived

by S. Sorell, April-1975.
Data Base Media: MSS

<S16>

Database Name: **Employment: U.S. Total by Industry and Occupation for 1970 and projected 1980**

Contact Person: Merrill, D.W.; Heckman, B.

Data Dates:

1970 and projected 1980

General Description: This file, derived from the 1970 Census of Population, contains the number of employed persons in 1970 (and projected 1980) in the U.S. by industry (201 census classifications) and occupation (470 census classifications including 48 subtotals). Only worker class 0 (total) is included.

Geographic Coverage: United States

Technical Documentation: U.S. Bureau of the Census, Census of Population: 1970. Occupation by Industry, Final Report PC (2)-7C. See contact persons for other unpublished information.

Original Data Source: Bureau of Labor Statistics (BLS) Tapes provided to Heckman, B. in early 1974 further processed by Merrill, D.W. in April 1974.

Data Base Media: MSS

<S17>

Database Name: **Employment: U.S. Total by Occupation, 1970-1974 and projected 1980**

Contact Person: Merrill, D.W.

Data Dates:

Annual 1970-1974 and projected 1980

General Description: This file contains the number of persons employed in 535 occupations including 113 subtotals, for 1970 to 1974 and a projected 1980. 1970 data are from the 1970 Census of Population; other years are derived from the Current Population Survey (CPS) by the Bureau of Labor Statistics (BLS). Correspondence with the 422 occupational classifications of the 1970 census is indicated.

Geographic Coverage: United States

Technical documentation: Unpublished memo "Employment by Occupation, 1970 Census and 1971-74 CPS" plus other documentation available from contact person.

Original Data Source: "Employment by Occupation, 1970 Census and 1971-74 CPS" and other unpublished documents

Data Base Media: MSS

<S18>

Database Name: **Employment: U.S. by I/O Industry and Occupation**

Contact Person: Merrill, D.W.

Data Dates:

1972

General Description: Estimates are provided of total 1972 U.S. employment (persons employed) for 423 occupations including total for input-output industry classifications. Industrial disaggregation is presented (a) for 369 industries including total (b) for 103 industries including total. Estimates are presented in thousands.

Geographic Coverage: United States

Technical Documentation: A brief description of the methodology is presented in "Estimates of 1972 U.S. Employment For Use in Input/Output Application2, pp 129-131, in LBL Energy and Environment additional unpublished material.

Original Data Source: Merrill, D.W., LBL

Data Base Media: MSS

<S19>

Database Name: **Employment: U.S. by I/O Industry and Employment Classification**

Contact Person: Merrill, D.W.

Data Dates:

1972

General Description: Estimates are provided of the following quantities for 368 input/output industry sectors: (a) Department of Commerce I/O sector code (b) jobs, wage and salary workers (c) jobs, self-employed and unpaid family workers (d) total jobs (e) total jobs (e) persons employed, total (f) full-time-equivalents, wage and salary workers (g) full-time-equivalents, self-employed and unpaid family workers (h) total full-time equivalents. All of these estimates are given in thousands.

Geographic Coverage: United States

Technical Documentation: 1. The derivation of (b), (c) and (d) in the description above, is described in detail in publication "U.S. Employment For 368 Input/Output Sectors For 1963, 1967, and 1972"; UCID-3757, June 30, 1975; D.W. Merrill. 2. The remaining quantities are briefly described in the publication "Estimates of 1972 U.S. Employment For Use In Input/Output Applications"; LBL Energy and Environment Division Annual Report 1975, pp. 129-131.

Original Data Source: LBL

Database Media: PSS

Data Base Limitations: None.

<S20>

Database Name: **Employment: U.S. Total jobs by I/O Industry Classification**

Contact Person: Merrill, D.W.

Data Dates:

1963, 1967, 1972

General Description: Estimates of total U.S. employment in jobs are provided for 368 input/output industrial sectors in this data file. The methodology follows as closely as possible with that used by the Bureau of Labor Statistics (BLS) in earlier published work. Separate estimates are given for between wage-and-salary

employment and other employment. The 1963 and 1967 estimates are compared with those obtained independently by other authors.
Geographic Coverage: United States
Technical Documentation: "Employment For 368 Input/Output Sectors for 1963, 1967, and 1972", UCID-3757, June 30, 1975; D.W. Merrill.
Original Data Source: LBL
Database Media: MSS
Data Base Limitations: None.

<S21>

Database Name: **Employment: U.S. by I/O Industry**

Contact Person: Merrill, D.W.

Data Dates:

1972

General Description: Estimates in this file are presented for 1972 employment (persons employed) for the U.S. by state and for the U.S. total. Estimates are in thousands. The industrial disaggregation is presented (a) for 534 detailed sectors, identified by 1967 SIC code and by input/output industry code (b) for 369 input/output sectors (c) for 103 input/output sectors (d) for 15 input/output sectors.

Geographic Coverage: United States and states

Technical Documentation: The methodology is briefly described in "Estimates for 1972 U.S. Employment For Use In Input/Output Applications", pp. 129-131, LBL Energy and Environment Division Annual Report 1975, LBL-5299. Additional unpublished information available from contact person.

Original Data Source: LBL

Database Media: MSS

Database Limitations: None.

<S22>

Database Name: **Gross National Product By Industry, 1947-1972, OBE File 1205-01-01**

Contact Person: Schroeder, E.C.

Data Dates: 1947-1972

General Description: The file contains statistical summaries by SIC 2-digit industries for the period 1947-1972, for the components which comprise the 5 aggregates published for gross product originating. The components are wages and salaries, supplements, net interest paid, indirect business taxes, corporate profits and capital consumption income, income of unincorporated enterprises, business transfer payments, inventory valuation adjustments for corporate and noncorporate enterprises, rental income of persons, surpluses or deficits for government enterprises, and subsidies.

Geographic Coverage: U.S.

Technical Documentation: A User's Guide to Input-Output Tables and Related Data, UCID-4845, May 1976.

Original Data Source: Bureau of Economic Analysis

Database Media: Tape

Database Limitations: None

<S23>

Database Name: **Gross National Product By Industry, 1947-1972, OBE File 1205-02-01**

Contact Person: Schroeder, E.C.

Data Dates: 1947-1972

General Description: The file contains statistical summaries by SIC 2-digit industries for the period 1947-1972, showing the totals for gross products originating (GPO) and the 5 published components (employee compensation, net interest, capital consumption allowances, indirect business taxes, and profit type income) in current dollars. The GPO totals are also shown in constant (1958) dollars, other statistics included are indexes (1959=100) of the constant dollars series, and GPO implicit price deflators (1958=100). All money figures are in millions of dollars.

Geographic Coverage: U.S.

Technical Documentation: A User's Guide to Input-Output Tables and Related Data, UCID-4845, May 1976.

Original Data Source: Bureau of Economic Analysis

Database Media: Tape

Database Limitations: None.

<S24>

Database Name: **Gross National Product By Industry, 1958-1966, OBE File 1205-04-02**

Contact Person: Schroeder, E.C.

Data Dates: 1958-1966

General Description: The file contains statistical summaries, for the period 1958-1966, by 4-, 3-, and 2-digit SIC product groups, showing current and constant (1958) values (in millions of dollars) and implicit price deflators (1958=100). The classification reflects that appearing in the 1958 census of manufacturers' shipments of products regardless of the industry classification of the producing plant.

Geographic Coverage: U.S.

Technical Documentation: A User's Guide to Input-output Tables and Related Data, UCID-4845, May 1976

Original Data Source: Bureau of Economic Analysis

Database Media: Tape

Database Limitations: None.

<S25>

Database Name: **Gross National Product By Industry, 1963-1972, OBE File 1205-04-03**

Contact Person: Schroeder, E.C.

Data Dates: 1963-1972

General Description: The file contains statistical summaries, for the period 1963-1972 by 4-, 3-, and 2-digit SIC product groups, showing current and constant (1958) shipment values (in millions of dollars) and the implicit price deflators (1958=100). The

classification reflects that appearing in the 1963 census of manufacturers' shipments of products regardless of the industry classification of the producing plant.

Geographic Coverage: U.S.

Technical Documentation: A User's Guide to Input-Output Tables and Related Data, UCID-4845, May 1976.

Original Data Source: Bureau of Economic analysis

Database Media: Tape

Database Limitations: None.

<S26>

Database Name: **Gross National Product By Industry, 1958-1966, OBE File 1205-04-04**

Contact Person: Schroeder, E.C.

Data Dates: 1958-1966

General Description: The file contains an annual series by 4-, 3-, and 2-digit SIC manufacturing industries showing shipment values for establishments in current, and constant (1958) prices in millions of dollars, implicit price deflators (1958=100), and indexes (1958=100) of constant dollar series 1958-1966. The classification reflects the numbering system and definitions appearing in the 1958 census of manufacturers. Implicit price deflators for the 4-, 3-, and 2-digit SIC industries differ from those shown in file 1205-04-02 for approximately 40 industries whose composite price indexes reflect the significant secondary (primary to other industries) products shipped by the producing plants.

Geographic Coverage: U.S.

Technical Documentation: A User's Guide to Input-Output Tables and Related Data, UCID-4845, May 1976.

Original Data Source: Bureau of Economic Analysis

Database Media: Tape

<S27>

Database Name: **Gross National Product By Industry, 1963-1972, OBE File 1205-04-05**

Contact Person: Schroeder, E.C.

Data Dates: 1963-1972

General Description: This file contains an annual series, by 4-, 3-, and 2-digit SIC manufacturing industries showing shipment values for establishments in current, and constant (1958) prices (in millions of dollars), and implicit price deflators (1958=100), 1963-1967. The Classification reflects the numbering system and definitions appearing in the 1963 census of manufacturers. Implicit price deflators for the 4-, 3-, and 2-digit SIC industries differ from those shown in file 1205-04-03 for approximately 40 industries whose composite price indexes reflect the significant secondary (primary to other industries) products shipped by the producing plants.

Geographic Coverage: U.S.

Technical Documentation: A User's Guide to Input-Output Tables and Related Data, UCID-4845, May 1976.

Original Data Source: Bureau of Economic Analysis

Database Media: Tape

<S28>

Database Name: **Income and Earnings Data, SMSA and County**

Contact Person: Gey, F.C.

Data Dates: 1929; 1940; 1950; 1959; 1962; 1965; 1967; 1968; 1969

General Description: The data file contains income and earnings data such as per capita income, personal income, sources of income, deductions from personal income, total earnings farm and non-farm, government earnings, and private non-farm earnings by industry (1-digit SIC code). This file contains data aggregated to two different levels, the first being Standard Metropolitan Statistical Areas, the other level of aggregation is the county level for counties that are not included in an SMSA. This data being a component of the Gross National Product is reflective of the economic process in the United States.

Geographic Coverage: Counties

Technical Documentation: QWICK QWERY-REAP Reference Dictionary to Bureau of Economic Analysis Income Data-LBL computer retrievable documentation.

Original Data Source: Bureau of Economic Analysis

Database Media: Photo-Digital Mass Storage System; PSS

Database Limitations: QWICK QWERY and REAP. QWICK QWERY (Trademark and Service Mark of CACI, Inc. Information Processing System) is a batch-oriented proprietary retrieval and report generation system. REAP is an interactive retrieval system for teletype (or CRT terminal) retrieval of a major subset of the SEEDIS Information System at Lawrence Berkeley Laboratory.

<S29>

Database Name: **Industrial Employment and Earnings by County**

Contact Person: Gey, F.C.

Data Dates: 1967-1974

General Description: This file contains information on the average annual employees and average annual wages and count of firms by 2-digit Standard Industrial Classification code. The file is derived from wage and employment data reported quarterly to state employment agencies. Suppressed employment and earnings data has been deleted from the file without notice or indication.

Geographic Coverage: U.S. by county

Technical Documentation: LBL documentation

Original Data Source: This file derived from Employment Service 202 data from the Bureau of Labor Statistics (BLS) and Bureau of Economic Analysis (BEA)

Database Media: Tape

Database Limitations: Unlimited.

<S30>

Database Name: **Interindustry Transactions Input-Output Tables**

Contact Person: Sathaye, J.A.

Data Dates: 1967

General Description: This data file contains interindustry tables

developed for the eight Rocky Mountain States and California. The data tables are based on the 367-order 1967 national interindustry table. The national matrix was expanded to 404 sectors by disaggregating the seven minerals industries to 44 industries. The state tables can be used for energy and other resource analysis. Regional impacts of alternate development strategies can be evaluated with their use. Partial data used to produce the interindustry model includes: (1) coding bridge between 1967 input-output sectors and revised 1958 SIC codes (2) cash receipts in millions of dollars for 1967 for the agricultural sectors, one through twelve, by state (3) number of sectors present in each state economy by major economic groups (4) value added by state and for each major group in millions of dollars and (5) state gross output of the seven energy producing sectors in millions of dollars.

Geographic Coverage: Arizona; California; Colorado; Idaho; Montana; Nevada; New Mexico; Utah; and Wyoming.

Technical Documentation: The Development of State Interindustry Models for Rocky Mountain Region and California, LBL-4465, LBL

Original Data Source: U.S. Bureau of the Census, Bureau of Labor Statistics, LBL

Database Media: Tape

Database Limitations: Unlimited.

<S31>

Database Name:

Income and Earnings Data, State and County (1971-1976)

Contact Person: Gey, F.C. and Albrecht, H.

Data Dates:

1971; 1972; 1973; 1974; 1975; 1976

General Description: The data such as per capita income, proprietor and labor income by broad industry type (igigit SIC code) for state and counties, as estimated by BEA from a variety of original source data.

Geographic Coverage: States and Counties

Technical Documentation: SEEDIS - QWICK QWERY Reference Dictionary to BEA Income Estimates by Major Souces and Total Labor and Proprietor's Income by Type and Industry.

Original Data Source: Bureau of Economic Analysis via U.S. Army Corps of Engineers

Data Base Media: Tape (GSS)

Data Base LLimitations: unlimited.

<S32>

Database Name: **Interregional Commodity Flows and Projections**

Contact Person: Sathaye, J.A.

Data Dates: 1966; 1969

General Description: This data file contains trade flows and projections (in tons) for 19 commodities in rail, truck and water modes for 173 Bureau of Economic Analysis regions. The 19 Maritime Administration Study Commodity Groups include: cash grains, iron

ore, non-ferrous metal ores, coal, crude petroleum, raw and refined sugar products, canned fruits and vegetables, grain mill products, lumber products, pulp and paper products, chemicals, petroleum fuels and lubricants, primary iron and steel products, non ferrous primary metal products, fabricated metals and machinery products, agricultural products, mining products, non-durable manufactures, and durable manufactures.

Geographic Coverage: Bureau of Economic Analysis (BEA) areas

Technical Documentation: Interim Report on Interregional Energy Flows Study, UCID-3764, Lawrence Berkeley Laboratory

Original Data Source: Maritime Administration; U.S. Department of Commerce

Database Media: Tape

Database Limitations: Unlimited.

<S33>

Database Name: **Interregional Commodity Trade Flow Estimates**

Contact Person: Sathaye, J.A.

Data Dates: 1963

General Description: This file contains commodity flow information (in tons and dollars) for 61 commodities by 1957 Standard Industrial Classification codes. Of the 61 shippable commodities, 52 are of manufacturing industries. They include: coal, crude petroleum and natural gas.

Geographic Coverage: Four regional breakdowns, nine census regions, 51 states, 44 state combinations, 76 production and balance-of-state areas

Technical Documentation: Jack Faucett Associates, Inc. "1963 Interregional Commodity Trade Flow Estimates. Prepared for the Office of Business Economics, U.S. Dept. of Commerce, March 1971; Interim Report on Interregional Energy Flows Study, UCID-3764, LBL.

Original Data Source: Jack Faucett Associates, Inc. for the U.S. Bureau of the Census

Database Media: Tape

Database Limitations: Unlimited.

<S34>

Database Name: **Labor Market Projections Model**

Contact Person: Benson, W.; Schroeder, E.C; Wood, P.

Data Dates: 1976; 1977

General Description: The Labor Market Projections Model (LMPM) is designed to supply local planners in Comprehensive Employment and Training Administration (CETA) projects with estimates of persons in need of manpower services. The goal of LMPM is to provide estimates that reflect current local needs, and build a comprehensive modeling system to be used by local analysts of the State Employment Security Agencies (SESA's) of the Department of Labor Employment and Training Administration (DOL-ETA). There are two methods of estimating current local needs (1) update certain tabs of the 4th Count 1970 census with the most current Current Population Survey (CPS) tapes and (2) use of a refined cohort-component method to separate projection of mortality,

fertility, and net migration for 5-year age cohorts to give population by age, sex and race for a particular area. There are nine diverse components that make up the data base for the LMPM.
Geographic Coverage: United States; states; Standard Metropolitan Statistical Areas (SMSA); and prime sponsors
Technical Documentation:
Original Data Source: U.S. Bureau of the Census; State Employment Security Agencies
Database Media: Tape
Database Limitations: Limited.

<S35>

Database Name: **Labor Statistics for EDA Eligibility and Assistance**

Contact Person: Gey, F.C.

Data Dates: 1964-1973

General Description: This data file consists of 1960 and 1970 population and median family income, 1950-1960 and 1960-1970 migration rate, total work force, number and percent unemployed, the Economic Development Administration (EDA) basis and status of designation, current basis of designation/name, and current status of designation/ name/date. This file was extracted from a data file maintained by the EDA of the Department of Commerce. Although this file is kept by EDA for the purpose of maintaining a record of the socio-economic conditions in areas which are designated by EDA as being eligible for government assistance. Therefore data is not available for all counties in the U.S. The levels of geographic coverage is determined by area number which determines the record to be state, county Indian Reservation, EDA development district, or Regional Commission. Data also indicates why a particular area is eligible for EDA funding and the current status of eligibility for funding.

Geographic Coverage: United States by State; county; Indian Reservations; EDA development centers and districts

Technical Documentation: QWICK QWERY Reference Dictionary to Labor Statistics Data

Original Data Source: Economic Development Administration of the Department of Commerce.

Database Media: Tape

Database Limitations: QWICK QWERY (Trademark and Servicemark of CACI, Inc.) is a batch oriented retrieval and report generation system.

<S36>

Database Name: **Manufacturing Plant Locations**

Contact Person: Gey, F.C.

Data Dates: 1963; 1967

General Description: The 1963 and 1967 Location of Manufacturing Plants data file is taken from the 1963 and 1967 Census of Manufacturers. The file sequence is the 4-digit industry by state by county and contains industry, industry state-county totals with their alphabetic titles. Industry identification is by 1963 and 1967 Standard Industrial Classification Codes. Data includes number of Plants by Employment size by eight levels of employment sizes.

Geographic Coverage: U.S. by State and County
Technical Documentation: QWICK QWERY Reference Dictionary to 1963 and 1967 Location of Manufacturing; LBL retrieval information.
Original Data Source: U.S. Bureau of the Census 1963 and 1967 Census of Manufactures Special Reports MC58 (S); MC67 (S).
Database Media: tape
Database Limitations: QWICK QWERY (Trademark and Service Mark of CACI, Inc. Information Processing System) is a batch-oriented proprietary retrieval and report generation system.

<S37>

Database Name: Mineral Industry I-O Table with Detailed Mineral Industry Transactions

Contact Person: Schroeder, E.C.; Sathaye, J.A.

Data Dates: 1967

General Description: This Input-Output Table (flow matrix) contains seven numerical Standard Industrial Classification (SIC) 2-digit codes (sectors) of industry that are disaggregated and then expanded, with coefficients from other sources, to show 54 sectors at SIC 3-, and 4-digit codes. The original 82 sector source is expanded to a 150 sector flow matrix for this file. The seven sectors modified to show greater detail in the mineral and energy related industries are (1) coal mining (2) crude petroleum and natural gas (3) stone and clay products (4) primary iron and steel manufacturing (5) primary nonferrous metal manufacturing (6) transportation and warehousing (7) electric, gas, water and sanitary services. Various other total transaction I-O tables at different sector levels and aggregation have been produced with special interest to the energy related industry sectors.

Geographic Coverage: National

Technical Documentation: A User's Guide to I-O Tables and Related Data, UCID-3845, LBL

Original Data Source: Survey of Current Business, U.S. Department of Commerce, November 1964; The Input-Output Structure of the U.S. Economy: 1963, Volume 1 - Transactions Data For Detailed Industries

Database Media: tape

Database Limitations: Unlimited.

<S38>

Database Name: MultiRegional Input-Output (MRIO) Harvard-EDA Data Base

Contact Person: Ruderman, H.; Schroeder, E.C.

Data Dates: 1947; 1958; 1963; projections to 1970 and 1980

General Description: This file contains the MRIO seven-set Economic Development administration (EDA) data File. The data base includes the following elements. (1) EDA-1, 1947, 1958, and 1963 base-year outputs, employment, and payroll data for 51 states and 86 industries (2) EDA-2, base-year final demands or GNP for the years 1947, 1958, and 1963 for 51 states and 86 industries (3) EDA-3, similar to previous file, except final demand is projected for 1970, and 1980 (4) EDA-4, contains 1963 regional I-O tables for 83 regions and 83 industries (5) EDA-5, contains 1963 interregional commodity trade flows estimated in terms of value

and tons for 44 regions and 44 industries (6) EDA-6, is 1970 and 1980 projected total gross outputs and interregional trade flows including various economic totals, and GNP for 44 regions and 48 industries (7) EDA-7, includes an industry-by-state (79x51) matrix of exports-by-port-of exit for 1973, and a region-by-industry (44x64) matrix of competitive imports-by-port-of-entry for 1963, and industry-by-state estimates of inputs to construction for 1963 (89x51), 1958 (89x49), and 1947 (89x49).

Geographic Coverage: National; Regional; State

Technical Documentation: (1) Computer tape technical documentation; (2) A User's Guide to I-O Tables and Related Data, UCID-3845, LBL; (3) A Multiregional Input- Output Model for the United States, Karen R. Polenske, Harvard Economic Research Project, HERP Report 21; (4) Implementation and Evaluation of the MultiRegional Model of the United States, Albert J. Walderhaug, EDA-OER-005. 1, 1972

Original Data Source: Sponsored by EDA in 1970, the Harvard Economic Research Project (HERP) was undertaken to describe and analyze all the sales and purchases of every industry at a multi-regional level of the economy. The project was completed by Karen Polenske and Jack Faucett Associates and contributors from various government agencies.

Database Media: Tape

Database Limitations: Unlimited.

<S39>

Database Name: MultiRegional Input-Output (MRIO) Harvard-EDA Data Base Update

Contact Person: Ruderman, H.

Data Dates: 1947; 1958; 1963; projections to 1970 and 1980

General Description: The updated Harvard-EDA file has been slightly expanded as to matrix sizes and a few new components have been added. The first of the two files contains a (88x53) industry by state matrices of four items (1) components of final demand for the base-years which include personal consumption expenditures, gross private capital information, net inventory change, net exports, state and local and federal government expenditures (2) measures of industrial activity for the base-years of outputs, employment and payrolls (3) 1970 and 1980 projections of final demand components (4) miscellaneous items: net export-by-port-of-exit, commodity credit corporation adjustment, and final-demand and output deflators. There is also an (87x87) industry state input-output and secondary products matrices for 51 states plus sum of state matrices. The second of the two files contains four sets of state-to-state trade flows for 61 shippable commodities and they are (1) trade flows, 1963, from Jack Faucett Associates 52x52 (2) modified 1963 trade flows 53x53 (3) projected trade flows for 1970, 53x53 (4) projected trade flows for 1980, 53x53. In addition there are projections of state output matrices to 1970 and 1980.

Geographic Coverage: National; Regional; State

Technical Documentation: Computer tape technical documentation

Original Data Source: See contact person

Database Media: Tape

Database Limitations: Unlimited.

<S40>

Database Name: **OBERS' Projections of Economic Activity in the U.S. (Series C and E)**

Contact Person: Gey, F.C.

Data Dates: Historical data for the years 1950; 1962; 1968; 1969; projected data for years 1980; 1990; 2000; 2010; and 2020

General Description: The data file contains two Bureau of Economic Analysis projection series 1) using Census Bureau 1967 Series C population projection data and 2) using Census 1972 Series E population projection data. The projection series are extensions of the OBERS' water resource program which has produced national and regional, historical, and projected measures of economic activity. The measures include total population, total employment, total personal income and earnings, earnings for each of 28 industries and indexes of production for 4 mining and 15 manufacturing industry groups.

Geographic Coverage: U.S.; States; Economic Planning Areas; SMSA's; Water Resource Areas

Technical Documentation: QWICK-QWERY and REAP Reference Dictionary to OBERS' Projections and Series E Projections; LBL computer retrievable documentation.

Original Data Source: compiled by the U.S. Department of Commerce, Social and Economic Statistics Administration Regional Economics Division; U.S. Department of Agriculture, Economic Research Service, Natural Resources Economics Division.

Database Media: Tape; MSS

Database Limitations: QWICK QWERY and REAP. QWICK QWERY (Trademark and Service Mark of CACI, Inc. Information Processing System) is a batch-oriented proprietary retrieval and report generation system. REAP is an interactive retrieval system for teletype (or CRT terminal) retrieval of a major subset of the SEEDIS Information System at LBL.

<S41>

Database Name: **Output Measures for Input-Output Sectors by County**

Contact Person: Schroeder, E.C.

Data Dates: 1958; 1963

General Description: This file contains county measures of 1963 economic output organized according to the input-output sector classifications of the 1958 interindustry study of the Office of Business Economics. County measures of 1963 output expressed in both 1963 and 1958 dollars were constructed for the first 79 sectors of the 1958 input-output model. The county production measures prepared by this project are based on previously developed 1963 output measures for metropolitan (and nonmetropolitan) areas, states and the nation as a whole. County output was established by first constructing area measures of economic activity closely related to output. These proxy measures consisted of data on (1) the value of agricultural product sales (2) the value of mining and manufacturing shipments (3) industry

payroll statistics (4) industry employment statistics and (5) miscellaneous data such as population statistics and government revenues and expenditures. National, state, and metropolitan groupings were then used to calculate coefficients relating output to the proxy measures. The coefficients were then applied to county proxy data to construct county output measures.

Geographic Coverage: U.S. by County

Technical Documentation: 1963 Output Measures for Input-Output Sectors by County by Jack Faucett Associates, Inc. for Office of Civil Defense.

Original Data Source: Defense Civil Preparedness Agency

Database Media: Tape

Database Limitations: Unlimited.

<S42>

Database Name: **Population and Income Estimates and Projections: 1960-1982**

Contact Person: Gey, F.C.

Data Dates: 1960; 1969; 1970; estimated 1976, 1977; projected 1982

General Description: tabulations in this file are presented on population for 1960 and 1970 from the United States Bureau of the Census with estimated population for 1977 and a projected population for 1982 from the National Planning Data Corporation. Count of households data for 1970, with projections for 1977 and 1982 are included. Average household income and per capita income data for 1969, with estimates for 1976 along with longitude and latitude of the 1970 population centroids are also included in this file.

Geographic Coverage: United States by Minor Civil Division (MCD) and Census Tract

Technical Documentation: LBL internal documentation; SIRAP Reference Dictionary POPUPDT; QWICK QWERY Reference Dictionary

Original Data Source: National Planning Data Corporation, Ithaca, New York

Database Media: Tape

Database Limitations: QWICK QWERY. QWICK QWERY (Trademark and Service Mark of CACI, Inc. Information Processing System) is a batch-oriented proprietary retrieval and report generation system.

<S43>

Database Name: **Production and Total Material Costs By Input-Output Industries, OBE File 1205-04-06**

Contact Person: Schroeder, E.C.

Data Dates: 1947-1972

General Description: This file contains statistical summaries for the period 1947-1972 by manufacturing industry at the two digit SIC level or at the sector level in current or constant (1958) dollars, of value of shipments, inventory charge, cost of materials, excise tax, value added, value of production, value of production plus tax, and value added plus tax.

Geographic Coverage: U.S.

Technical Documentation: A User's Guide to Input-Output Tables and Related Data, UCID-4845, May 1976.

Original Data Source: Bureau of Economic Analysis

Database Media: Tape

<S44>

Database Name: **SEAS Model: U.S. Economic Activity**

Contact Person: Merrill, D.W.; Ruderman, H.

Data Dates: 1975; and projections for 1980, 1985, 1990, 1995, 2000

General Description: This file, from the SEAS (Strategic Environmental Assessment System) model, provides detailed information for (a) 21 economic variables including population, labor force, households, persons employed, jobs, unemployment rate, per capital GNP and income, equipment and construction investment, exports and imports, defense and non-defense spending, education, state-local health and welfare, public construction, and others (b) consumer purchases (dollars, percent, and rank) for 185 industry sectors (c) total output (dollars, percent and rank) for 185 industry sectors (d) total output (various physical units) for 387 detailed industry sectors (e) employment (persons, percent and rank) for 96 industry sectors (f) capital investment (dollars, percent, and rank) for 90 industry sectors and (g) construction (dollars, percent, and rank) for 28 industry sectors.

Geographic Coverage: United States

Technical Documentation: SEAS Executive Summary for the Environmental Protection Agency (EPA) 9/19/75, by Booz, Allen and Hamilton, Inc., Bethesda, MD

Original Data Source: Department of Energy (DOE) , 3/8/78. File 1, output from the SEAS Model. DOE National Energy Policy scenarios.

Database Media: Tape

Database Limitations: Permission from the Energy Analysis group, Energy and Environment Division; or the Computer Science and Applied Mathematics Department, Lawrence Berkeley Laboratory

<S45>

Database Name: **SEAS Model: U.S. Economic Activity by State**

Contact Person: Merrill, D.W.; Ruderman, H.

Data Dates: 1975 and projections for 1985, 1990, 2000

General Description: These files, from SEAS (Strategic Environmental Assessment System) model consists of gross output, in various physical units, for approximately 400 detailed industry sectors. The number of sectors varies from state to state.

Geographic Coverage: United States by state

Technical Documentation: SEAS Executive Summary for the Environmental Protection Agency (EPA) 9/19/75, by Booz, Allen and Hamilton, Inc. Bethesda, MD

Original Data Source: Department of Energy (DOE) 3/8.78. File 3-4, output from the SEAS model. DOE National Energy Policy scenarios.

Database Media: Tape

Database Limitations: Permission from the Energy Analysis group; Energy and Environment Division; or the Computer Science and Applied Mathematics Department, LBL.

<S46>

Database Name: **Survey of Income and Education (SIE)**

Contact Person: Schroeder, E.C.

Data Dates: 1976

General Description: The Survey of Income and Education (SIE) was a large, one-time household survey taken in May-June 1976 in order to provide certain statistics useable at the State level, especially the number of children aged 5 to 17 in families below the poverty level. The required sample size was obtained by augmenting the regular March 1976 CPS sample for a total of 752,960 records which include 151,170 household - 160,975 family - and 440,815 person records. All households in the combined sample were asked to respond to the standard March CPS questions on current labor force participation, work experience, and income, as well as general demographic data for each household member. Additional questions were asked in order to determine new subject information on school enrollment, poverty, bilingualism, public assistance, disability, institutionalized persons, health insurance, food stamp reciprocity, assets and housing costs for homeowners and renters.

Geographic Coverage: U.S., states and 119 SMSA's.

Technical Documentation: Technical documentation of the 1976 Survey of Income and Education, Bureau of the Census.

Original Data Source: U.S. Bureau of the census.

Database Media: Tape

<S47>

Database Name: Total Transaction Data for Detailed Industries:
1958-1972

Contact Person: Schroeder, E.C.

Data Dates: National 1958, 1963, 1967, 1972; California 1963, 1967; Nevada 1967; Idaho 1963, 1967

General Description: This file includes transactions or flow matrix data in input-output table form that shows the dollar value of the transactions among the various industries, the sales of each industry to final markets and the value added of each industry. Each row in the table displays the distribution of the output of goods and services of the industry named at the beginning of the row to each of the industries and final users named across the top of the table. The columns show the value of each industry's consumption (input) of raw materials, semi-finished products and services, and its value added. The 1958 I-O tables are aggregated to the 77 industry level, at the 367 and 484 level for 1963 and 1967, and the 96 and 404 level for 1972. Many other I-O tables with different levels of aggregation and disaggregation have been and by-products. Some tables have been expanded to provide detail in the energy producing sectors and mining sectors.

Geographic Coverage:

Technical Documentation: Computer tape technical documentation and A User's Guide to I-O Tables and Related Data, UCID-3845, LBL

Original Data Source: Data published in the Input-Output Structure of the U.S. Economy: 1958, 1963, 1967, Volume 1 - Transactions Data For Detailed Industries (published each year indicated)

Database Media: Tape

Database Limitations: None.

<S48>

Database Name: **Total Direct Requirements Per Dollar of Gross Output for Detailed Industries: 1958-1967**

Contact Person: Schroeder, E.C.

Data Dates: National 1958, 1963, 1967; California 1967; Nevada 1967; Idaho 1967

General Description: The direct requirements Input-Output tables relate each of the inputs of an industry to its total domestic output. Each column in the table shows the inputs that the industry named at the head of the column required from each of the industries named at the beginning of the rows to produce a dollar of its output. Many I-O tables with different levels of aggregation and disaggregation have been produced from the baseyear data 1958, 1963 and 1967.

Geographic Coverage:

Technical Documentation: Computer Tape Technical Documentation and a User's Guide to I-O Tables and Related Data, UCID-3845, LBL

Original Data Source: Data published in the Input-Output Structure of the U.S. Economy: 1958, 1963, Volume 2 - Direct Requirements For Detailed Industries (published each year indicated)

Database Media: Tape

Database Limitations: None.

<S49>

Database Name: **Total Requirements Per Dollar Of Delivery To Final Demand For Detailed Industries: 1963-1967**

Contact Person: Schroeder, E.C.

Data Dates: National 1963, 1967; California 1967; Nevada 1967; Idaho 1967

General Description: The total requirements Input-Output table shows the directed and indirect effects (inverse coefficients) of final demand on the domestic output of each industry. In the I-O table, each column shows the amount of output required both directly and indirectly from each of the industries named at the beginning of the row for a dollar of deliveries to final demand by the industry named at the head of the column.

Geographic Coverage:

Technical Documentation: Computer Tape Technical Documentation, and A User's Guide to I-O Tables and Related Data, UCID-3845, LBL

Original Data Source: Data published in the Input-Output structure of the U.S. Economy:

Database Media: Tape

<S50>

Database Name: **Truck Inventory and Use Survey, 1972**

Contact Person: Sathaye, J.

Data Dates: 1972

General Description: This file contains summary data on the characteristics and uses of private and commercial trucks. A stratified probability sample drawn from registrations in all states was used to establish current inventories and uses of trucks. The tables are arranged by regions and states to show

total numbers of trucks, truck-miles, average miles per truck, and percentages of national trucks and truck-miles.
Geographic Coverage: U.S., States; U.S., Regions
Technical Documentation: 1972 Census of Transportation, Truck Inventory and Use Survey, U.S. Summary, report No. TC72-T52
Original Data Source: U.S. Bureau of the Census, Transportation Division
Database Media: tape

<S51>

Database Name: U.S. City County Data Book, 1972

Contact Person: Gey, F.C.

Data Dates:

1952; 1962; 1967; 1972

General Description: This file presents data on: general population characteristics, migration; vital statistics, family; age; income; social security and public assistance; education; employment and labor force; social security coverage; and unemployment (percent of civilian labor force). Also included are: housing; retail trade; selected services, wholesale trade, and manufactures data. Data on agriculture, banking, and local government is included.

Geographic Coverage: United States by County

Technical Documentation: REAP - QWICK QWERY Reference dictionary to City County Data Book Information, LBL computer retrievable documentation in SEEDIS Monitor.

Original Data Source: Statistics contained in Table 2, Counties, of each of the 1952, 1962, 1967, and 1972 County and City Data Books (CCDB), as compiled by the U.S. Bureau of the Census, U.S. Bureau of the Census.

Data Base Media: Tape

Database Retrieval: Integrated within SEEDIS Monitor.

<S52>

Database Name: U.S. Census of Agriculture, Extract, 1949-1974

Contact Person: Gey, F.C.

Data Dates: 1949, 1959, 1964, 1969, 1974

General Description: These data files contains an extract of that data published as preliminary reports of the 1949, 1959, 1964, 1969 and 1974 Census of Agriculture. Data is at county level (USDA) codes and contains agricultural production data for approximately 500 crops or classes of crops and livestock. The 1969 census includes information describing the characteristics of farms which have sales of at least \$2,500. These farms are categorized in this data base as commercial farms. At the nationwide level, the commercial farms account for about 67% of the total number of farms and approximately 90% of the total acres of farm land. The 1969 file includes data on chemicals used, and irrigation and commercial fertilizer on pastureland and harvested crops.

Geographic Coverage: U.S. by county

Technical Documentation: Reference Dictionary to the 1949, 1959, 1964, 1969 and 1974 Census of Agriculture Data

Original Data Source: U.S. Department of Agriculture, Economic Research

Service

Database Media: Tape and MSS

Database Limitations: QWICK QWERY and REAP. QWICK QWERY (Trademark and Service Mark of CACI, Inc. Information Processing System) is a batch-oriented proprietary retrieval and report generation system. REAP is an interactive retrieval system for teletype (or CRT terminal) retrieval of a major subset of the SEEDIS Information System at LBL. Operational on a CDC-7600 computer with the QWICK QWERY System; REAP retrieval system on the CDC-6600 at LBL.

<S53>

Database Name: U.S. Census of Manufactures, Extract, 1972

Contact Person: Gey, F.C.

Data Dates: 1972

General Description: Data in the 1972 Census of Manufactures includes total number of establishments and number of establishments with 20 employees or more, total number of employees and payroll, number of production workers, man-hours, value added by manufacture, cost of materials, value of shipments, and new capital expenditures. Industry categories (SIC codes) used in this file are in accordance with the industry classification defined in the 1972 edition of the Standard Industrial Classification Manual. The SIC system includes, 2, 3, and 4-digit classifications, 3-digit being subdivisions of broader 2-digit classifications and 4-digit codes representation further subdivisions. The major 2-digit codes in the 1972 Census of Manufactures describe food and kindred products, tobacco manufactures, textile mill products, apparel and other finished products made, lumber and wood products, except furniture, furniture and fixtures, paper and allied products, printing, publishing and allied industries - plus twelve other industry codes. The file contains seven levels of geography.

Geographic Coverage: U.S.; four Census Regions; nine census Divisions; state; SMSA; county and incorporated cities of 2,500 population or more.

Technical Documentation: Tech. Documentation for the 1972 Census of Manufactures, File set MFRA72 and the QWICK QWERY Reference Dictionary to 1972 Census of Manufactures

Original Data Source: Industry Series Tables 3, 4, and 7a; Area Series Tables 3-8; General Summary Table 3; of the 1972 Census of Manufactures, U.S. Bureau of the Census.

Database Media: Tape

Database Limitations: QWICK QWERY (Trade mark and Service Mark of CACI, Inc., Information Processing System) is a batch-oriented proprietary retrieval and report generation system.

<S54>

Database Name: U.S. Census of Retail Trade: 1972

Contact Person: Gey, F.C.

Data Dates: 1972

General Description: This file contains general statistics on retail trade establishments by kinds of business and selected geographic

areas. Data is provided for about 113 kind-of-business classifications within many major groups, entailing basically those establishments selling merchandise to the general public for personal or household consumption, and rendering services incidental to the sale of goods. Data on the following subjects are available in the Census of Retail Trade: number of establishments, sales, payroll, number of proprietorships and partnerships, employment, legal form of organization, size of establishment, size of firm, city size, sales by merchandise lines, and kinds of business (including: building materials, hardware, and garden supply and mobile home dealers, general merchandise group stores, food stores, automotive dealers, gasoline service stations, apparel and accessory stores, furniture, home furnishings, and equipment stores, eating and drinking places, drug stores and proprietary stores, and miscellaneous retail stores). The data base contains selected aggregate data included in the published series reports: Area Series, Retail Merchandise Line Sales Series, and the Major Retail Center Statistics Series.

Geographic Coverage: U.S.; Regions; Division; States; Standard Metropolitan Statistical Area Cities; and Counties with 500 retail establishments or more.

Technical Documentation: Technical Documentation for Public-Use Summary Tapes from the 1972 Censuses of Retail Trade, File RETA72

Original Data Source: U.S. Bureau of the Census Area Statistics Reports: State tables 1-6, and U.S. Summary tables 1-8.

Database Media: Tape

<S55>

Database Name: U.S. Census of Transportation, Commodity Transportation Survey: 1967

Contact Person: Sathaye, J. A.

Data Dates: 1967

General Description: This database provides statistics on the volume and characteristics of intercity commodity shipments originated by manufactures. A probability sample of about 13,000 plants representing manufacturing establishments with 20 or more employees provides geographic information on the flow of commodities from supply areas to markets or redistribution points. A sample of plants with 10 to 19 employees and a sample of plants in selected printing and publishing SIC classifications were also drawn to collect information on distribution of their shipments. SIC codes are used to identify the manufacturing establishments by type of activity in which they are engaged and to classify these manufactures into 86 shipper classes. The Transportation Commodity Classification (TCC) codes are used to identify shipments of commodities by type of product. The use of TCC codes for identifying products distinguishes the Census of Transportation from the other economic censuses which only use the SIC Codes. Information on the following subjects was collected from the 1962 Commodity Transportation Survey: tons, ton-miles, means of transport, length of haul commodity, weight of shipment, origin and destination areas.

Geographic Coverage: Selected states, census regions and divisions

Technical Documentation: Commodity Transportation Survey Tape

Documentation, 1967
Original Data Source: U.S. Bureau of the Census
Database Media: Tape

<S56>

Database Name: World Data Handbook: 1972

Contact Person: Burkhart, B.R.; Wood, P.M.

Data Dates:

1972

General Description: The information in this file includes 24 data characteristics on the land, people, economy and governments of 171 countries in the world. There are two additional elements (road and rail transportation) for thirty countries in Europe. Specific data characteristics include country size, and agricultural statistics, population (1970) growth and density, labor force, literacy, mortality, caloric intake, language, gross national product, imports and exports, government type-status and political nature. This file has been geocoded for use in the SEEDIS Mapping program at LBL.

Geographic Coverage: Western Hemisphere; Europe; Middle East; North Africa; Sub-Saharan Africa; Oceania; East Asia; South Asia; and Southeast Asia.

Technical Documentation: R Issues, Current Information Supplement-World Data Handbook, Department of State Publication 8655, General Foreign Policy Series 264, August 1972.

Original Data Source: U.S., Office of Statistics and reports, Bureau for Program and Policy Coordination, the Agency for International Development, The U.S. Department of State's Bureau of Intelligence and Research.

Data Base Media: Tape

Data Base Limitations: Data on less developed countries in many cases represent no more than rough estimates or approximate orders of magnitude, rather than precise statistics. Some very short data descriptors may lead to oversimplification, and such data should be regarded as indicators only.

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of extension

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