



E000949

DIVISION OF COMPREHENSIVE HEALTH PLANNING
PROJECTS INITIATED WITH SECTION 910 FUNDS

FY '75

1. CONTRACT NUMBER : HRA 230-75-60
- CONTRACT TITLE : Planning Approaches, Criteria and Standards for Specialized Services
- CONTRACTOR : Orkand, Silver Spring, Maryland
- AMOUNT : \$363,300
- DURATION OF CONTRACT : October 1974 - March 1976
- PROJECT DIRECTOR : Henry Miller, Ph.D.
- PROJECT OFFICER : Diane Bolay

The purpose of this contract is to identify and define approaches useful for the planning of specialized services and to develop criteria and standards for these services which can be used in performance of the plan development and project review functions of health planning agencies. These criteria and standards for planning and project review, as opposed to standards for licensure and accreditation, relate primarily to economic feasibility, cost containment, operational capability, accessibility and availability of services. Specifically, the contractor will develop planning approaches, criteria, and standards for preventive services, rehabilitative services, burn treatment services, and trauma services. In addition, the planning approaches, criteria and standards will be field tested for their useability by health planning agencies.

2. CONTRACT NUMBER : HRA 230-75-61
- CONTRACT TITLE : Development of a Data Collection and Analysis Handbook for Health Planning
- CONTRACTOR : Department of Sociology, Purdue University, Lafayette, Indiana
- AMOUNT : \$188,000
- DURATION OF CONTRACT : October 1974 - April 1976
- PROJECT DIRECTOR : Anthony Oreglia
- PROJECT OFFICER : Alan R. Boissy

The purpose of this contract is to improve the health planning process through the development of a handbook on health system and health status data collection, analysis, interpretation, and use. The contractor will identify the data requirements mandated or implied in the proposed health resources planning legislation and the specific types of information and approaches to data collection, analysis, interpretation and use which a health planning agency should apply in the development of its health plan documents and in its reviews of proposed health projects. The contractor will specify the types of decisions to be made by agencies, the information necessary to make these decisions, the types of data required to yield the information, the sources for these data, and the advantages and disadvantages of various approaches to the collection, analysis, interpretation and use of the data. The product of this activity will be a reference document useful to State and local health planners in the discharge of their data collection and analysis responsibilities. Representatives of health planning agencies will be involved throughout the project.

3. CONTRACT NUMBER : HRA 230-75-62

CONTRACT TITLE : Development of Methodologies for the Health Planner to Evaluate Services Shared by Health Care Delivery Organizations

CONTRACTOR : Hospital Research and Educational Trust, Chicago, Illinois

AMOUNT : \$116,138

DURATION OF CONTRACT : October 1974 - October 1975

PROJECT DIRECTOR : James P. Cooney, Jr., Ph.D.

PROJECT OFFICER : Norman E. Dodds

The purpose of this contract is to develop and field test the methodologies and strategies which will enable comprehensive health planners to: 1) identify and evaluate the existing types of arrangements among health care organizations for sharing services; 2) identify and evaluate the potential for implementing arrangements for sharing services; and 3) assume the initiative in fostering the implementation of new sharing arrangements. Sixteen sites that are representative of sharing arrangements in the general categories of medical facilities and care, manpower resources, administrative and other support services, and continuing education and/or inservice programs will be surveyed to develop case studies of how these arrangements evolved and their impact on the institutions involved and the quality of health care delivery to the respective communities.

The final products of the contract will be two monographs. The first monograph will consist of: 1) a summary of the existing types of arrangements among health care organizations for sharing services; 2) an evaluation of these arrangements; 3) case studies of the sixteen (16) site visits, and 4) an annotated bibliography of recent literature regarding shared services. The second monograph will present the appropriate methodologies and strategies which may be used by comprehensive health planners to identify and evaluate the current arrangements for sharing services, to identify and evaluate the potential for further sharing, and to assume the initiative in implementing new shared service arrangements.

4. CONTRACT NUMBER : HRA 230-75-63

CONTRACT TITLE : Relation of Technological Advance in Health Services to Health Planning

CONTRACTOR : Arthur D. Little, Inc., Cambridge, Massachusetts

AMOUNT : \$254,153

DURATION OF CONTRACT : October 1974 - March 1976

PROJECT DIRECTOR : Erica L. Drazen

PROJECT OFFICER : Herman M. Sturm

This project will develop and test a methodology for identifying new and spreading advances in health services technology, and for rapidly determining their impacts and implications for health planning. Areas to be considered are manpower requirements, capital expenditures, operating costs, or other aspects significant to health planning. The contractor will categorize the types of technological advances taking place in the health field and develop a methodology to determine resource requirements and costs of these advances. The contractor will present his findings in a form which will be useful as a tool to local health planners in appraising the impact of specific technological advances; also, the findings will include an assessment of needs for continuous monitoring of technological advance at the Federal level.

5. CONTRACT NUMBER : HRA 230-75-64
CONTRACT TITLE : Health Resources Planning Educational System
CONTRACTOR : Educational Testing Services, Princeton, New Jersey
AMOUNT : \$415,800
DURATION OF CONTRACT : October 1974 - October 1976
PROJECT DIRECTOR : Arleen S. Barron
PROJECT OFFICER : Anne Rolfe

The purpose of this contract is to develop organized programs of study for the development of health resources planners. The project is designed to build on current resources and past achievements in continuing education and training. Phase I, the first year's endeavors, will be directed to assessment of the current and projected competencies needed by health planners, assessment of the current and projected educational training programs, and design and development of programs of study based on an analysis of the two assessment efforts. Phase II will involve the conduct of training and a systematic evaluation of the effectiveness of those training programs. In addition, an educational resource center will be established to serve as a mechanism for the dissemination of health resources planning knowledge and techniques to the community of health resources planning educators.

6. CONTRACT NUMBER : HRA 230-75-65
CONTRACT TITLE : Development of Health Planning Area Methodology
CONTRACTOR : Don Davis Associates, Minneapolis, Minnesota
AMOUNT : \$49,307
DURATION OF CONTRACT : October 1974 - July 1975
PROJECT DIRECTOR : Don Davis
PROJECT OFFICER : Al Billingslea

This contract is designed to provide basic skills training to Federal and State officials to assist them in designing health service areas to expedite the implementation of health planning legislation. The contractor will deliver

one (1) pilot workshop in Washington, D.C. (date to be determined) and two (2) workshops (dates and sites to be determined) to provide training for approximately 225 persons. Each two-day workshop will include presentations and discussions on existing and proposed health planning legislation; related Federal regulations, standards, criteria, guidelines, procedures; and of a decision-making protocol designed to provide a systematic and logical area designation process. In addition, each trainee will participate in a simulation exercise utilizing characteristics peculiar to their region and/or State. From this training, the contractor will develop a model manual for use by appropriate Federal and State officials when actually involved with area designation.

7. CONTRACT NUMBER : HRA 230-75-67

CONTRACT TITLE : Critical Review of Methodological Approaches to Determine Health Manpower Supply and Requirements

CONTRACTOR : Robert R. Nathan Associates, Washington, D.C.

AMOUNT : \$39,576

DURATION OF CONTRACT : October 1974 - April 1975

PROJECT DIRECTOR : Harriet Kriesberg

PROJECT OFFICER : Mary C. McGuire

The purpose of this contract is to develop a monograph which critically reviews the methodological approaches used to determine health manpower supply and requirements. The monograph shall be developed in two parts. Part I is to serve as an interpretive aid to health manpower planners regarding the wide range of methodologies used in assessing health manpower supply and requirements. Part II will be a guide on "how-to-do-it" at the practical planning level. The intended audience for this monograph are health planners at the State and local levels.

8. CONTRACT NUMBER : HRA 230-75-68

CONTRACT TITLE : Development of Guidelines for Definition of Rational Health Service Areas

CONTRACTOR : Minnesota Systems Research, Inc., Minneapolis, Minnesota

AMOUNT : \$103,500

DURATION OF CONTRACT : October 1974 - August 1975

PROJECT DIRECTOR : Gerald L. Setter, Ph.D.

PROJECT OFFICER : Sam O. Gilmer, Jr.

This contract is intended to provide health planners at all levels with instruments which will help them to define, more adequately than in the past, the several categories of health service areas. The study will take special note of those health care areas generally known as primary, secondary, and tertiary levels. The study is so designed as to permit continual consideration of emerging health care legislation which will affect planning. In terms of more immediate use, the work will prove helpful in defining health service areas with respect to specifying health facilities and/or services, according to population needs. Products will include educational materials for use in furthering the abilities of health planners.

9. CONTRACT NUMBER : HRA 230-75-69

CONTRACT TITLE : Models to Project the Need for and Accessibility to Health Services and Facilities

CONTRACTOR : Bay Area Comprehensive Health Planning Council
San Francisco, California

AMOUNT : \$255,000

DURATION OF CONTRACT : October 1974 - October 1976

PROJECT DIRECTOR : Donald B. Ardell

PROJECT OFFICER : Robert M. Crane

The contract has two major activities. The first is to develop a computer model to forecast alternative regional and sub-regional populations by standard demographic characteristics. The model will be tested and used to develop health service and facilities alternatives which correspond to the different regional growth policy choices in the geographic area. The model will be packaged and a user's manual produced so that it can be used by other health planners. The second activity will involve the development and testing of a methodology to measure the accessibility of health care services to specific population groups. This will include the identification and measurement of the factors that have an impact on accessibility. A detailed description of the methodology will be produced for the use of others.

10. CONTRACT NUMBER : HRA 230-75-70
CONTRACT TITLE : Impact of Health Care System Component Interaction
CONTRACTOR : Arthur Young/TARP, Washington, D.C.
AMOUNT : \$247,930
DURATION OF CONTRACT : October 1974 - October 1976
PROJECT DIRECTOR : Tom Lantry
PROJECT OFFICER : Diane Bolay

The purpose of this contract is to provide health planning agencies with a) knowledge on alternatives for delivering health services at primary, secondary, and tertiary levels of care, b) the impact of each alternative on other delivery components in the system, and c) tools and methodologies to analyze the impact of introducing a new delivery component or changing existing ones in the community. For example, if a health planning agency has determined that its planning area needs primary care, it has various alternatives to deliver that care, such as hospital outpatient clinics, health maintenance organizations, or office-based physicians. It is anticipated that this contract will furnish the health planning agencies with various options to providing health care and a mechanism to judge the impact, in terms of resources and costs, that each option is likely to have on its community health care system.

11. CONTRACT NUMBER : HRA 230-75-71
CONTRACT TITLE : Issues Affecting Comprehensive Health Planning
CONTRACTOR : Health Policy Program, University of California,
San Francisco, California
AMOUNT : \$496,000
DURATION OF CONTRACT : October 1974 - October 1976
PROJECT DIRECTOR : Lewis H. Butler
PROJECT OFFICER : Norman E. Dodds

The purpose of this contract is to 1) Develop program and policy recommendations to ensure that the objectives of Professional Standards Review Organizations and Comprehensive Health Planning Agencies are consistent and complementary. These recommendations will be developed as a result of research conducted at four (4) PSRO and CHP sites and will include consideration of existing and potential relationships between these organizations in terms of the impact of their decisions upon one another and the sharing of data; 2) Conduct research to improve comprehensive health planning agency staff understanding of competitive delivery system facility and equipment needs; identify the economic factors and market forces which have led to the achievement of CHP agency objectives; develop a methodology for testing competitive system need criteria and the effectiveness of market forces in achieving the objectives of comprehensive health planning; 3) Investigate the circumstances affecting the success and/or failure of selected health planning agencies in the performance of one or more aspects of their operations for the purpose of preparing short factual reports and recommendations concerning these successes and failures for use by Comprehensive Health Planning program officials and agency personnel.

12. CONTRACT NUMBER : HRA 230-75-72

CONTRACT TITLE : Requirements for Program Development in Health Resources Planning

CONTRACTOR : Cambridge Research Institute, Cambridge, Massachusetts

AMOUNT : \$225,000

DURATION OF CONTRACT : October 1974 - October 1975

PROJECT DIRECTOR : James Webber

PROJECT OFFICER : Gene Rubel

The purpose of this contract is to critically review the plans to strengthen health planning in the United States and to assist in the organizational development necessary to carry out those plans. Analysis of the program for the development of planning methods and technical assistance will be an important part of this contract. Training for Federal staff will be conducted.

13. CONTRACT NUMBER : HRA 230-75-73
CONTRACT TITLE : Development of a Center for Health Resources Planning Information
CONTRACTOR : Aspen Systems Corporation, Rockville, Maryland
AMOUNT : \$639,314
DURATION OF CONTRACT : October 1974 - October 1976
PROJECT DIRECTORS : Eugene Wall (Center Operations), Lawrence H. Herul (Center Design)
PROJECT OFFICER : H.C. Meadows

The purpose of this contract is to design the center, collect and process information, conduct analytical studies, announce services and develop user training aids, provide specialized types of information services, and coordinate and manage total Center services and activities. (Description of the Center follows next entry.)

14. CONTRACT NUMBER : Interagency Agreement IA 75-21
CONTRACT TITLE : Processing, Organization, Announcement & Dissemination of Health Resources Planning Information
AGENCY : National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia
AMOUNT : \$886,208
PROJECT DIRECTOR : Joseph Coyne
PROJECT OFFICER : H.C. Meadows

Under this agreement, the National Technical Information Service will maintain a complete file of all health resources planning information; announce availability of information services; conduct searches of information; file and provide full text services of all information in the file through either microfiche or paper copy.

Center for Health Resources Planning Information: The above two projects have been awarded to establish a Center for Health Resources Planning Information which will provide comprehensive information regarding health services, health facilities, and health manpower to health planning agencies and related organizations. The activities and services of the Center will include:

- A. Collecting, processing, and analysis of information. Materials collected will be primarily of a documentary nature such as books, reports, journal articles, and other secondary source information. The documents will be screened for quality and relevance, indexed, abstracted, and stored in computer files for subsequent retrieval based on user needs. The analysis-type of activities will include general and selected bibliographies and state-of-the-art monographs produced to provide methodological and other research tools and materials for use by planning agencies.
- B. Dissemination of Information and Related Services. The Center will develop and issue full bibliographies and literature reviews; conduct queries of the information files to meet requests for publication abstracts; and provide full text of publications and other reports, either in the form of microfiche or full-size paper copy for all documents in the information file. It is anticipated that approximately 6000 documents will be in the information file after one year of operation and 12,000 documents after two years of operation.
- C. Standardization, Systematization, and Coordination Services. The Center will promote uniformity in the collection and dissemination of information required by planners, in terms of: (1) Standardization of occupational definitions and classifications, bibliographic subject terms, geographical classifications and definitions and classification of types of health manpower education centers, specialized health care centers, etc.; (2) Systematization procedures for storing, retrieving, and transmitting information through automated means; and (3) Coordinating information services with related libraries, clearinghouses, and information centers in Federal

5. CONTRACT NUMBER : HRA 106-74-26 (modification)
CONTRACT TITLE : Provision of Technical Assistance to Health Planning Organizations in Regions VIII, IX and X
CONTRACTOR : Arthur Young & Company, San Francisco, California
AMOUNT : \$68,000
DURATION OF CONTRACT : June 1974 - August 1975
PROJECT DIRECTOR : Jim Heuerman
PROJECT OFFICER : Robert M. Crane

The purpose of this contract is to further the state of the art by increasing the ability of health planning organizations to perform their mission through providing a variety of technical assistance opportunities. Those opportunities can be categorized in three areas: on-site technical assistance; training; and development of generic materials. The contractor will work closely with Regional Office staff in the conduct of this contract.

16. CONTRACT NUMBER : HRA 106-74-27 (modification)
CONTRACT TITLE : Provision of Technical Assistance to Health Planning Organizations in Regions I, II and IV
CONTRACTOR : Arthur Young & Company, Washington, D.C.
AMOUNT : \$62,262
DURATION OF CONTRACT : June 1974 - August 1975
PROJECT DIRECTOR : Tom Lantry
PROJECT OFFICER : Robert M. Crane

The purpose of this contract is to further the state of the art by increasing the ability of health planning organizations to perform their mission through providing a variety of technical assistance opportunities. Those opportunities can be categorized in three areas: on-site technical assistance; training; and development of generic materials. The contractor will work closely with Regional Office staff in the conduct of this contract.

7. CONTRACT NUMBER : HRA 106-74-28 (modification)
CONTRACT TITLE : Provision of Training to Health Planning Participants
CONTRACTOR : Boston University, New England Center for Health
Leadership, Boston, Massachusetts
AMOUNT : \$52,557
DURATION OF CONTRACT : June 1974 - December 1975
PROJECT DIRECTOR : Mathew Skinner
PROJECT OFFICER : Jeffrey Tirengel

The purpose of this training contract is to improve the ability of health planning participants to meet their health services and facilities planning and review responsibilities. The contract modification increases seminar availability. Specific course contents will be based on results of the health planning agency assessment program, on input from planning agencies, and on the advice of committees of local, State, and Regional Office representatives. The contract primarily serves HEW Regions I, II and III.

18. CONTRACT NUMBER : HRA 106-74-29 (modification)
CONTRACT TITLE : Provision of Training to Health Planning Participants
CONTRACTOR : University of Texas, School of Public Health,
Houston, Texas
AMOUNT : \$44,555
DURATION OF CONTRACT : June 1974 - December 1975
PROJECT DIRECTOR : Hardy Loe
PROJECT OFFICER : Jeffrey Tirengel

The purpose of this training contract is to improve the ability of health planning participants to meet their health services and facilities planning and review responsibilities. The contract modification increases seminar availability. Specific course contents will be based on results of the health planning agency assessment program, on input from planning agencies, and on the advice of committees of local, State, and Regional Office representatives. The contract primarily serves HEW Regions IV and VI.

9. CONTRACT NUMBER : HRA 106-74-30 (modification)
CONTRACT TITLE : Provision of Training to Health Planning Participants
CONTRACTOR : University of Michigan, School of Public Health,
Ann Arbor, Michigan
AMOUNT : \$58,450
DURATION OF CONTRACT : June 1974 - December 1975
PROJECT DIRECTOR : Solomon Jacobson
PROJECT OFFICER : Jeffrey Tirengel

The purpose of this training contract is to improve the ability of health planning participants to meet their health services and facilities planning and review responsibilities. The contract modification increases seminar availability. Specific course contents will be based on results of the health planning agency assessment program, on input from planning agencies, and on the advice of committees of local, State, and Regional Office representatives. The contract primarily serves HEW Regions V and VII.

10. CONTRACT NUMBER : HRA 106-74-31 (modification)
CONTRACT TITLE : Provision of Training to Health Planning Participants
CONTRACTOR : American Public Health Association (Western Branch),
Program in Continuing Education in Public Health,
San Francisco, California
AMOUNT : \$44,325
DURATION OF CONTRACT : June 1974 - December 1975
PROJECT DIRECTOR : James Lovegren
PROJECT OFFICER : Jeffrey Tirengel

The purpose of this training contract is to improve the ability of health planning participants to meet their health services and facilities planning and review responsibilities. The contract modification increases seminar availability. Specific course contents will be based on results of the health planning agency assessment program, on input from planning agencies, and on the advice of committees of local, State, and Regional Office representatives. The contract primarily serves HEW Regions VIII, IX and X.

21. CONTRACT NUMBER : HSM 110-73-515(modification)
CONTRACT TITLE : On-Site Technical Assistance to and Evaluation of Health Planning Agencies
CONTRACTOR : Linton, Miels & Coston, Washington, D.C.
AMOUNT : \$16,138
DURATION OF CONTRACT : June 1973 - December 1974
PROJECT DIRECTOR : Alan Wulff
PROJECT OFFICER : Robert M. Crane

The purpose of this modification is to further analyze and summarize selected characteristics of the health planning agencies involved in this contract. The contractor will describe and categorize the range of selection methods and organizational modes of health planning agencies' boards. Each method will be described and its effect on agency operations examined.

22. CONTRACT NUMBER : Interagency Agreement
CONTRACT TITLE : Data Handbook for Health Planners
CONTRACTOR : Bureau of the Census
AMOUNT : \$106,000
DURATION OF CONTRACT : December 1973 - February 1975
PROJECT DIRECTOR : John Deshaies
PROJECT OFFICER : Alan R. Boissy

This handbook will serve as a guide to local health planners in the use of census and local data. It will serve both an inventory reference purpose and a "how-to" purpose. The reference aspect will encompass a thorough inventory of data sources, identifying data systems and their contents; a description of how to find and gain access to them; and a descriptive analysis of what needs these data systems can fulfill. The handbook will also identify basic data sets required to measure or describe: 1) demographic characteristics; 2) socioeconomic characteristics; 3) health status; 4) facilities; 5) manpower; 6) ambulatory care services; and 7) home care services. The handbook will show in detail how local and census data can be utilized in planning, programming, and evaluation functions.

3. CONTRACT NUMBER : Interagency Agreement
CONTRACT TITLE : Population Projection for Small Areas
CONTRACTOR : Bureau of the Census
AMOUNT : \$50,000
DURATION OF CONTRACT : October 1974 - November 1975
PROJECT DIRECTOR : Richard Irwin
PROJECT OFFICER : Margaret Barnes

The purpose of this project is to develop a step-by-step instructional/procedural manual on population projection for use by health planners in projection population for health planning areas. The manual will be prepared in such a way that the methods can be effectively applied by health planners with little or no statistical training. The manual is intended to provide support for one of the important initial steps in the planning process: a projection of the population to some point in the future describing the characteristics of that population for which health resources are to be planned.

24. CONTRACT NUMBER : Interagency Agreement
CONTRACT TITLE : Social and Health Indicators Project
CONTRACTOR : Bureau of the Census
AMOUNT : \$116,889
DURATION OF CONTRACT : October 1974 - February 1975
PROJECT DIRECTOR : John C. Deshaies
PROJECT OFFICER : Robert M. Crane

This agreement will support part of a project to construct and maintain a system of social, health and resource indicators that have both spatial and temporal dimensions. This system is to provide a mechanism for monitoring the health status and the social and economic factors of populations in small geographic areas. The indicators program attempts to measure aggregate effects or "impacts" over time and to discern the extent to which these impacts are related to specific program activities or planning initiatives. This project will study the feasibility of transferring the methods and procedures previously developed in Los Angeles County to Maricopa County, Arizona. The Bureau of Health Services Research is supporting other aspects of this project.

25. CONTRACT NUMBER : HRA 230-75-59
CONTRACT TITLE : Study to Further the Art of Health Planning Through
the Identification of the Primary Health Care Needs
of Alaska
CONTRACTOR : State Office of Comprehensive Health Planning,
Juneau, Alaska
AMOUNT : \$29,598
DURATION OF CONTRACT : October 18, 1974 - August 18, 1975
PROJECT DIRECTOR : Jerry L. Madden
PROJECT OFFICER : John F. Gillespie

The purpose of this contract is to determine the primary health needs of the population of Alaska. Primary care includes preventive health maintenance and continuing evaluation and management of conditions of general discomfort early complaints, symptoms, problems, and chronic aspects of disease. The contract requires the State Office to employ a health planner who will determine what health services are available at the present time in relation to what the designated primary health needs are for the population. The final products of this contract will be standards and criteria, and recommendations as to how services can be provided to satisfy unmet health needs.

26. CONTRACT NUMBER : HRA 230-73-311 (modification)
CONTRACT TITLE : Connecticut Ambulatory Care Study
CONTRACTOR : Connecticut State Medical Society, New Haven, Connecticut
AMOUNT : \$100,000
DURATION OF CONTRACT : October 1972 - April 1975
PROJECT DIRECTOR : Frederick Weber, M.D.
PROJECT OFFICER : Morton Robins

The purpose of this contract is to 1) evaluate the applicability of methods for patient care evaluation developed in other geographic areas and settings for outpatient care; 2) develop standards and techniques for monitoring the quality and appropriateness of ambulatory patient care in Connecticut; 3) evaluate the effectiveness and cost of alternative organizational devices for primary health care delivery; and 4) construct mechanisms to best service the educational needs of practicing physicians in ensuring quality of health care.

27. CONTRACT NUMBER : HSM 110-72-126 (Modification)
CONTRACT TITLE : Epidemiological Study of Kidney Disease in Yugoslavia
CONTRACTOR : Cleveland Metropolitan General Hospital, Cleveland, Ohio
AMOUNT : \$8,000
DURATION OF CONTRACT : February 1972 - December 1974
PROJECT DIRECTOR : Dr. Philip W. Hall III
PROJECT OFFICER : Morton Robins

The purpose of this contract is to provide Yugoslav epidemiologists with the necessary antiserum immunodiffusion plates to study approximately 1,000 people per month. This involves producing antigen, purifying the antigen, producing antibodies into the antigen, properly absorbing away undesired antibodies, and producing it at the rate of approximately 50 milliliters per month.