The United States National Committee on Vital and Health Statistics

Fiscal Year 1974

Reproduced and distributed for the Committee by the
NATIONAL CENTER FOR HEALTH STATISTICS

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service
Health Resources Administration
ANNUAL REPORT OF

The United States National Committee on Vital and Health Statistics

Fiscal Year 1974

Reproduced and distributed for the Committee by the NATIONAL CENTER FOR HEALTH STATISTICS

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Health Resources Administration
MEMBERS OF THE
U.S. NATIONAL COMMITTEE ON VITAL AND HEALTH STATISTICS

Abraham M. Lilienfeld, M.D., Professor and Chairman, Department of Epidemiology, School of Hygiene and Public Health, The Johns Hopkins University, Baltimore, Md., Chairman

I. M. Moriyama, Ph.D., Associate Director for International Statistics, National Center for Health Statistics, Health Resources Administration, Public Health Service, Rockville, Md.,* Executive Secretary

E. Leon Cooper, M.D., Executive Director, National Medical Association Foundation, Inc., 1150 17th Street, N.W., Washington, D.C.

Todd M. Frazier, Assistant Director, Harvard Center for Community Health and Medical Care. 643 Huntington Avenue, Boston, Mass.

John R. Goldsmith, M.D., Medical Epidemiologist, Epidemiological Studies Laboratory, California State Department of Health, 2151 Berkeley Way, Berkeley, Calif.


Marcus O. Kjelsberg, Ph.D., Associate Professor and Director, Division of Biometry, School of Public Health, 1226 Mayo Memorial Building, Minneapolis, Minn.

Edward B. Perrin, Ph.D., Director, National Center for Health Statistics, Health Resources Administration, Public Health Service, Rockville, Md.* Ex officio

Osler L. Peterson, M.D., Professor, Department of Preventive Medicine, Harvard Medical School, Boston, Mass.

Mary G. Powers, Ph.D., Chairman, Department of Sociology and Anthropology, Fordham University, Bronx, New York

Dorothy P. Rice, Deputy Assistant Commissioner, Office of Research and Statistics, Social Security Administration, Universal North Building, Washington, D.C.*

William F. Taylor, Ph.D., Head, Medical Statistics Section, Mayo Clinic, 100 First Street, S.W., Rochester, Minn.

John H. Venable, M.D., Assistant to the Director for State Relations, Center for Disease Control, Public Health Service, Atlanta, Ga.*

*Department of Health, Education, and Welfare
The U.S. National Committee on Vital and Health Statistics was established in 1948 at the request of the Department of State in accordance with recommendations of the First World Health Assembly to advise on matters relating to vital and health statistics and to promote and secure technical developments in this field.

Specifically the functions of the National Committee are to:

- Delineate statistical problems of public health importance which are of national or international interest;
- Stimulate studies of such problems by other organizations and agencies whenever possible, or make investigations of such problems through subcommittees appointed for the purpose;
- Review findings submitted by other organizations and agencies or by its subcommittees, and make recommendations for national and/or international adoption;
- Cooperate with and advise other organizations on matters relating to vital and health statistics in the United States especially with reference to definitions, statistical standards, and measurement problems;
- Advise on problems relating to vital and health statistics of national and international concern; and
- Cooperate with national committees of other countries and with the World Health Organization and other international agencies in the study of problems of mutual interest.
During fiscal year 1974, the U.S. National Committee on Vital and Health Statistics concerned itself with statistical uses of ambulatory medical care data, analytical possibilities of data produced by the National Center for Health Statistics, statistics needed for the formulation of population policy, preparatory work for the Ninth Decennial Revision of the International Classification of Diseases, the kinds of disease classifications needed to serve various purposes, statistics needed to determine the health effects of environmental conditions, and methods of testing a system for quality control of medical care. The Committee also took note of the International Conference of National Committees on Vital and Health Statistics held in Copenhagen in October 1973. The Conference marked the 25th anniversary of the establishment of national committees and was attended by representatives of the U.S. National Committee on Vital and Health Statistics.

The Committee adopted the final report "Ambulatory Medical Care Records: Uniform Minimum Basic Data Set." The recommendation for study of this problem by the Committee emanated from the Conference on Ambulatory Medical Care Records held April 18-22, 1972, under the sponsorship of the National Center for Health Services Research and Development, the National Center for Health Statistics, and The Johns Hopkins University. Through consultants, the Committee then proceeded to develop a minimum data set which might be required as part of the basic medical record and abstracted as appropriate by the federally funded health services and health insurance programs; cooperative Federal-State-local health services data systems; private insurance carriers; accrediting, certification, and licensing groups and agencies; and professional review organizations.

This report on minimum data puts forth and defines the minimum set of items of information which should be incorporated into the records of all ambulatory medical care systems, regardless of the setting in which the care is delivered. It also specifies how much of the recorded data should be classified.

In selecting and defining the minimum basic data set, the consultants were guided by two of the purposes served by ambulatory medical care records, namely, the improvement of ambulatory patient data and a variety of management, planning, education, and research uses which can be served when data have been abstracted from records and analyzed. The next step is to test how well the reporting forms, the abstracting procedure, and the collected data can be used for measuring quality of patient care and for other purposes.

An interim report was presented on the analytical potential of vital and health statistics produced through the various data collection
mechanisms of the National Center for Health Statistics. Consultants
dealt primarily with data on health care and with methodological prob-
lems concerning such subjects as estimating costs of alternative types
of national health insurance, the effect of nonfinancial barriers to
accessibility of medical care, and the further development of
"synthetic" estimates for local area health planning.

The consultants were originally charged with the task of devel-
oping statistical data needs for the formulation of national population
policies. After considering this problem, they requested that the assign-
ment be limited to a more manageable dimension. Because fertility is
the largest component of population growth, it was recommended that
the charge be revised to read "Statistical data needs for the formulation
and evaluation of national policies on fertility."

During the fiscal year, the Committee studied methods for identi-
ifying and measuring the effect of environmental hazards on the health
of the population. The Committee also initiated a study of the kinds
disease classifications needed to serve various purposes. The need
for such a study arose from the proliferation in recent years of a num-er of disease classifications presumably meant to serve similar
purposes. Because there are now no guidelines for assessing the use-
fulness of a classification to serve specific purposes, consultants were
asked to outline the characteristics of a disease classification which
would:

● Be an effective nomenclature,

● Act as a tool for storage and retrieval of hospital records and
for evaluating medical care, and

● Be a statistical base for inpatient morbidity statistics and mor-
   bidity statistics on ambulatory patient care.

Preparatory work by the World Health Organization on the Ninth
Decennial Revision of the International Classification of Diseases is
well underway. The U.S. National Committee has submitted a number
of major revision proposals and has reviewed and commented on the
many proposals which the World Health Organization has circulated
to countries for approval. A major problem in the Ninth Revision cycle
is the proposal for a dual classification of diseases according to the
so-called "etiology" and "manifestation" axes of classification. The
consensus is that only one axis of classification, the present etiological
axis, is needed in the United States.

The Second International Conference of National Committees on
Vital and Health Statistics reflected the remarkable change in concept
and practice of public health since the First Conference, held in London 20 years ago. At that time the delegates were concerned mainly with the problems of mortality and communicable disease statistics and with ways of improving the quality of these data. Although there was some discussion of statistics on morbidity in the general population, these references related essentially to needs for the future. At the Second Conference, in Copenhagen, health surveys were not dreams of the future but were as real as electronic computers for processing and servicing the various kinds of information systems now in existence to meet the needs of health administrators and health planners. Health indexes, morbidity data from household surveys, medical care records, and data on health resources, including medical manpower and facilities and health expenditures, are an integral part of these systems.

It was the consensus of the Conference that, because of the gaps in data, there was a continuing need for national committees or equivalent bodies to secure increased coverage of statistical needs. The developing countries in particular expressed great need for a consultative body to help develop national statistics. For countries with inactive national committees, there seemed to be a preference for utilizing the existing administrative structure to secure future technical advancements. For countries with national committees (like the United States, Yugoslavia, Japan, and Israel), the advantages and usefulness of national committees on vital and health statistics were obvious, and it is likely that these committees will be utilized more fully in the future.
CONSULTANTS ON
AMBULATORY MEDICAL CARE RECORDS

William R. Berry, Acting Director, Office of Program Implementation, Office of the Assistant Secretary for Health, Rockville, Md.*

James P. Cooney, Jr., Ph.D., Associate Director, Hospital Research and Educational Trust, 840 North Lake Shore Drive, Chicago, Ill.

Robert E. Dedmon, M.D., President, Twin City Clinic, Neenah, Wis.

Paul M. Densen, Sc.D., Director, Harvard Center for Community Health and Medical Care, 643 Huntington Avenue, Boston, Mass.

Theodore R. Ervin, Deputy Director, Michigan Department of Public Health, 3500 North Logan, Lansing, Mich.

Lillian Guralnick, Office of Research and Statistics, Social Security Administration, 1875 Connecticut Avenue, N.W., Washington, D.C.*

Siegfried A. Hoermann, Acting Director, Division of Health Resources Utilization Statistics, National Center for Health Statistics, Health Resources Administration, Public Health Service, Rockville, Md.*

Carmault B. Jackson, Jr., M.D., 1620 Nix Professional Building, San Antonio, Tex.

Samuel P. Martin, M.D., Professor of Medicine and Community Medicine, School of Medicine, University of Pennsylvania, Philadelphia, Pa.

J. Patrick McCarthy, Deputy Director, Management Systems Division, Medical Services Administration, Social and Rehabilitation Service, Washington, D.C.*

Nancy D. Pearce, Bureau of Health Services Research, Health Resources Administration, Public Health Service, Rockville, Md.*

Sam Shapiro, Director, Health Services Research and Development Center, School of Hygiene and Public Health, The Johns Hopkins University, Baltimore, Md.

*Department of Health, Education, and Welfare
STAFF:

Dean E. Krueger, Acting Associate Director for Analysis, Division of Analysis, National Center for Health Statistics, Health Resources Administration, Public Health Service, Rockville, Md.*

Noel S. Weiss, M.D., D.P.H., Department of Epidemiology and International Health, School of Public Health, University of Washington, Seattle, Wash.

*Department of Health, Education, and Welfare
CONSULTANTS ON ANALYTICAL POTENTIALITIES OF NATIONAL CENTER FOR HEALTH STATISTICS DATA

Ronald Andersen, Ph.D., Research Associate and Associate Professor, Center for Health Administration Studies, 5720 Woodlawn Avenue, South, Chicago, Ill.

Karen Davis, Ph.D., Research Associate, Economic Studies, Brookings Institution, Washington, D.C.

Todd M. Frazier, Assistant Director, Harvard Center for Community Health and Medical Care, 643 Huntington Avenue, Boston, Mass.

Patience Lauriat, Office of Research and Statistics, Social Security Administration, 1875 Connecticut Avenue, N.W., Washington, D.C.*

William A. Reinke, Ph.D., Professor, Department of International Health, School of Hygiene and Public Health, The Johns Hopkins University, Baltimore, Md.


STAFF:

Dean E. Krueger, Acting Associate Director for Analysis, Division of Analysis, National Center for Health Statistics, Health Resources Administration, Public Health Service, Rockville, Md.*

*Department of Health, Education, and Welfare
CONSULTANTS FOR STATISTICS NEEDED FOR FORMULATION AND
EVALUATION OF NATIONAL POLICIES ON FERTILITY

Leon Francis Bouvier, Ph.D., Associate Professor, Department of Sociology and
Anthropology, University of Rhode Island, Kingston, R.I.

Arthur A. Campbell, Deputy Director, Center for Population Research, National
Institute of Child Health and Human Development, National Institutes of Health,
Public Health Service, Bethesda, Md.*

Murray Gendell, Ph.D., Associate Professor and Director, Center for Population
Research, Georgetown University, Washington, D.C.

Maurice J. Moore, Ph.D., Fertility Statistics Branch, Population Division, U.S.
Bureau of the Census, Washington, D.C.

John E. Patterson, Acting Director, Division of Vital Statistics, National Center
for Health Statistics, Health Resources Administration, Public Health Service,
Rockville, Md.*

Mary G. Powers, Ph.D., Chairman, Department of Sociology and Anthropology,
Fordham University, Bronx, N.Y.

Harriet Presser, Ph.D., International Institute for the Study of Human Reproduc-
tion, Columbia University, 78 Haven Avenue, New York, N.Y.

STAFF:

Frank H. Godley, Ph.D., Division of Analysis, National Center for Health Statistics,
Health Resources Administration, Public Health Service, Rockville, Md.*

I. M. Moriyama, Ph.D., Associate Director for International Statistics, National
Center for Health Statistics, Health Resources Administration, Public Health
Service, Rockville, Md.*

*Department of Health, Education, and Welfare
CONSULTANTS FOR THE NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES

Mary E. Converse, Director, Central Office of ICDA, American Hospital Association, Chicago, Ill.

Robert Dyar, M.D., 18920 View Crest Drive, Sonoma, California


Vergil N. Slee, M.D., President, Commission on Professional and Hospital Activities, Ann Arbor, Mich.

STAFF:

Alice B. Dolman, Medical Codification Specialist, Office of International Statistics, National Center for Health Statistics, Health Resources Administration, Public Health Service, Rockville, Md.*

I. M. Moriyama, Ph. D., Associate Director for International Statistics, National Center for Health Statistics, Health Resources Administration, Public Health Service, Rockville, Md.*

*Department of Health, Education, and Welfare
CONSULTANTS FOR THE STUDY OF USES OF
DISEASE CLASSIFICATIONS FOR VARIOUS PURPOSES

Robert H. Brook, M.D., Medical Officer, Bureau of Health Services Research, Health Resources Administration, Public Health Service, Rockville, Md.*

Myra Enkelis, Chief Medical Records Librarian, The Vanderbilt Clinic, The Presbyterian Hospital, 622 West 168th Street, New York, N.Y.

Lillian Guralnick, Office of Research and Statistics, Social Security Administration, 1875 Connecticut Avenue, N.W., Washington, D.C.*

Leonard T. Kurland, M.D., Professor and Chairman, Department of Epidemiology and Medical Statistics, Mayo Clinic, Rochester, Minn.

Dorothy L. Kurtz, 203 Serpentine Road, Tenafly, N.J.

Sue Meads, Health Records Advisor, Division of Health Resources Utilization Statistics, National Center for Health Statistics, Health Resources Administration, Public Health Service, Rockville, Md.*

STAFF:

Delray Green, Medical Codification Specialist, Office of International Statistics, National Center for Health Statistics, Health Resources Administration, Public Health Service, Rockville, Md.*

I. M. Moriyama, Ph.D., Associate Director for International Statistics, National Center for Health Statistics, Health Resources Administration, Public Health Service, Rockville, Md.*

*Department of Health, Education, and Welfare
CONSULTANTS FOR CONSIDERATION OF STATISTICS NEEDED TO ASCERTAIN THE EFFECTS OF ENVIRONMENT ON HEALTH

Margaret Deane, Senior Research Analyst, Epidemiological Studies Laboratory, California State Department of Health, 2151 Berkeley Way, Berkeley, Calif.


Vaun A. Newill, M.D., Special Assistant to the Administrator, U.S. Environmental Protection Agency, Waterside Mall, Washington, D.C.*

Conrad P. Straub, Ph.D., Professor and Director, Environmental Health, School of Public Health, 1325 Mayo Memorial Building, University of Minnesota, Minneapolis, Minn.

Herman A. Tyrooler, M.D., Professor, School of Public Health, University of North Carolina, Chapel Hill, N.C.

James L. Whittenberger, M.D., Professor of Physiology, James Stevens Simmons Professor of Public Health, Harvard School of Public Health, Boston, Mass.

STAFF:

John R. Goldsmith, M.D., Medical Epidemiologist, Epidemiological Studies Laboratory, California State Department of Health, 2151 Berkeley Way, Berkeley, Calif.

I. M. Moriyama, Ph.D., Associate Director for International Statistics, National Center for Health Statistics, Health Resources Administration, Public Health Service, Rockville, Md.*

*Department of Health, Education, and Welfare
United States National Committee on Vital and Health Statistics, October 1949

International Recommendations on Definitions of Live Birth and Fetal Death, Public Health Service Publication No. 39, 1950


Proposal for Collection of Data on Illness and Impairments: United States, Public Health Service Publication No. 333, 1953

"Using Hospital Morbidity Data to Study Morbidity in Communities," Hospitals, Vol. 27, No. 9, 1953


Medical Certification of Medicolegal Cases, Public Health Service Publication No. 810, 1960

United States Statistics on Medical Economics, Public Health Service Publication No. 1125, 1964

Fertility Measurement, Public Health Service Publication No. 1000-Series 4-No. 1, September 1965

National Vital Statistics Needs, Public Health Service Publication No. 1000-Series 4-No. 2, September 1965*

Report of the Fifteenth Anniversary Conference of the United States National Committee on Vital and Health Statistics, Public Health Service Publication No. 1000-Series 4-No. 4, June 1966

History of the United States National Committee on Vital and Health Statistics, 1949-64, Public Health Service Publication No. 1000-Series 4-No. 5, June 1966

Use of Vital and Health Records in Epidemiologic Research, Public Health Service Publication No. 1000-Series 4-No. 7, March 1968

Migration, Vital, and Health Statistics, Public Health Service Publication No. 1000-Series 4-No. 9, November 1968

Use of Hospital Data for Epidemiologic and Medical-Care Research, Public Health Service Publication No. 1000-Series 4-No. 11, June 1969

Needs for National Studies of Population Dynamics, Public Health Service Publication No. 1000-Series 4-No. 12, April 1970


Uniform Hospital Abstract: Minimum Basic Data Set, DHEW Publication No. (HSM) 73-1451, Series 4-No. 14, December 1972

Annual Report of the United States National Committee on Vital and Health Statistics, Fiscal Year Ending June 30

|------|------|------|------|------|------|------|------|

*Reprint of Vital Statistics-Special Reports, Vol. 45, No. 11, July 1957