

New—and Old—Directions

This issue of *Public Health Reports* is the first to be published under the aegis of the Health Resources Administration. I am proud to welcome the journal to HRA, and I would like to assure readers that it will continue to focus on the broad spectrum of responsibilities of the Public Health Service.

The journal began in 1878 as a modest one-page bulletin issued by the Supervising Surgeon-General of the Marine Hospital Service. After 46 issues, the *Bulletin of the Public Health* expired. Publication was resumed in 1887 as the *Weekly Abstract of Sanitary Reports*, and in 1896 the *Abstract* became *Public Health Reports*.

In 1952, the weekly was amalgamated with three technical periodicals of the Public Health Service, the *Journal of Venereal Disease Information*, the *CDC Bulletin*, and the monthly *Tuberculosis Control* issue of *PHR* to form the monthly *Public Health Reports*. The journal's format continued relatively unchanged until 1971, when organizational changes in the Department of Health, Education, and Welfare brought about a redesigned format and a new name, *HSMHA Health Reports*. Fourteen months later the name was again changed to *Health Services Reports*, to reflect a major emphasis of the Health Services and Mental Health Administration.

With the resumption of the title, *Public Health Reports*, I would reiterate Surgeon General Leonard A. Scheele's statement in the January 1952 issue. "The pages of the new *Public Health Reports*, like those of its predecessors, will be open to responsible authors, outside as well

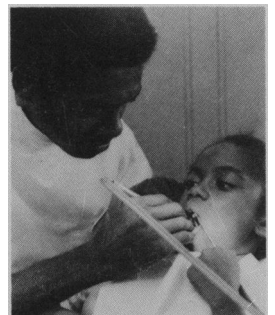
as within the Federal service, in the United States as well as abroad."

The first issues of the *Bulletin* in 1878 carried reports of the great Mississippi Valley yellow fever epidemic that claimed 20,000 lives; today's public health practitioners face very different challenges. Our aim in 1974 is to make the journal a real forum for the exchange of ideas and a stimulus to new concepts in health planning, administration, and research.



Kenneth N. Endicott
Administrator,
Health Resources Administration

COVER—Special psychological training is necessary for dentists who plan to specialize in pediatric dentistry. Here a child cooperates with a dental student by holding the saliva ejector. (Photo from the Bureau of Health Resources Development, Health Resources Administration) The impact of Medicaid and neighborhood health centers on the use of dental services in an urban area is examined in an article beginning on page 325.



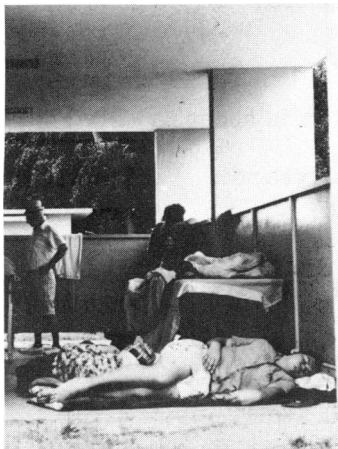
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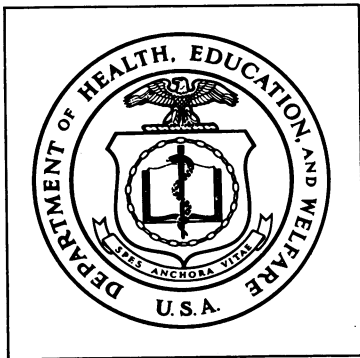
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Exposure To Inorganic Arsenic And Sulfur Dioxide At Workplace

■ The National Institute for Occupational Safety and Health (NIOSH) recommends reducing the Federal standard for occupational exposure to inorganic arsenic and sulfur dioxide. The current standard for arsenic and its organic compounds, except arsine and lead arsenate, is 0.5 mg As per cubic meter; the level recommended is 0.05. The current standard for sulfur dioxide is 5 ppm for up to a 10-hour day, 40-hour week, over a working lifetime; the level recommended is 2 ppm.

NIOSH estimates that 1.5 million workers are potentially exposed to inorganic arsenic, which is primarily produced in smelting ores of other metals (mainly copper). It also estimates that 500,000 workers are potentially exposed to sulfur dioxide, which is encountered in many industrial operations. The NIOSH recommendations have been published in new criteria documents.

Inorganic arsenic. The arsenic document cites an increased incidence of cancer upon exposure to airborne arsenic at levels of 0.2 mg As per cubic meter. There are no data on health effects below this level. Nevertheless, compliance, with the NIOSH-recommended standard of 0.05 will reduce the incidence of

cancer in arsenic workers. In addition to causing cancer, exposure to inorganic arsenic can result in disorders of the skin, gastrointestinal tract, central nervous system, optic nerves, and peripheral nervous system.

Sulfur dioxide. NIOSH has concluded from experimental and epidemiologic studies that exposure to sulfur dioxide at the existing Federal standard of 5 ppm can cause adverse respiratory effects by increasing airway resistance in a significant number of workers. Some workers are especially sensitive to these effects. In addition, there is evidence that the effects produced by sulfur dioxide are enhanced by airborne particulate matter and that sulfur dioxide may promote the carcinogenic action of other airborne substances. Compliance with the NIOSH-recommended standard of 2 ppm should prevent sulfur dioxide from having adverse effects on the health and safety of workers.

Single copies of the complete criteria documents, "Criteria for a Recommended Standard . . . Occupational Exposure to Inorganic Arsenic" and "Criteria for a Recommended Standard . . . Occupational Exposure to Sulfur Dioxide," are available from the Office of Technical Publications, National Institute for Occupational Safety and Health, Post Office Building, Cincinnati, Ohio 45202. Include self-addressed mailing label.

education notes

■ **Institutes in the Care of Premature and Other High-Risk Infants.** In the fall of 1974, the Institutes for Physicians and Nurses in the Care of Premature and Other High-Risk Infants, sponsored by the New York State Department of Health and the U.S. Department of Health, Education and Welfare, will begin their 26th year. The institutes are designed to meet the needs of physicians and nurses in charge of hospital high-risk and premature nurseries and special centers of teachers in medical schools and schools of nursing, and medical and nursing directors and consultants in State and local programs for the care of such infants.

The attendance at each institute is limited to six physicians and six nurses. Early application is essential since plans are contingent on the number of applications received. Participants pay no tuition fee, and stipends are provided to help cover expenses during attendance.

For fiscal year 1974-75, the following five institutes are scheduled:

PHYSICIANS

Mar. 5, 12, 19, and 26 and Apr. 2.
May 12-23.

NURSES

Sept. 16-Oct. 11.
Jan. 6-31.
Mar. 3-14, 19, and 26 and Apr. 2.

Joint physician-nurse sessions will be held on the Wednesdays of the March-April institute. This institute is intended for persons who can commute daily to the New York Hospital-Cornell Medical Center.

For additional information: Box 143, Institutes in the Care of Premature and Other High-Risk Infants, New York Hospital, 525 East 68th St., New York, N.Y. 10021.

Announcements for publication should be forwarded to Public Health Reports 6 months in advance of the deadline date for application for admission or financial aid, whichever is earlier.

FEDERAL

Sinusitis. *DHEW Publication No. (NIH) 74-540*; 1974; 30 cents.

Flu. *DHEW Publication No. (NIH) 74-187*; 1974; 25 cents.

Tetanus. *DHEW Publication No. (NIH) 74-602*; 1974; 7 pages.

Machine Diagnosis and Information Retrieval in Medicine in the USSR. Edited by A. A. Vishnevskiy, I. I. Artobolevskiy, and M. L. Bykhovskiy. *DHEW Publication No. (NIH) 73-424*; 1973; 138 pages.

Planning for Hospital Pharmacies. *HEW Publication No. (HRA) 74-4003*; 1974; 125 pages; \$1.55.

National Center for Health Statistics

Preliminary Findings of the First Health and Nutrition Examination Survey, United States, 1971-1972. Dietary intake and biochemical findings. *DHEW Publication No. (HRA) 74-1219-1*; 1974; 193 pages; \$2.15.

Language and Adjustment Scales for the Thematic Apperception Test for Children 6-11 Years. *DHEW Publication No. (HRA) 74-1332, Series 2, No. 58*; December 1973; 70 pages; \$1.05.

An Assessment of the Occlusion of the Teeth of Children 6-11 Years, United States. *DHEW Publication No. (HRA) 74-1612, Series 11, No. 130*; November 1973; 52 pages; \$1.

Reading and Arithmetic Achievement Among Youths 12-17 Years as Measured by the Wide Range Achievement Test, United States.

DHEW Publication No. (HRA) 74-1618, Series 11, No. 136; February 1974; 32 pages; 65 cents.

Blood Pressure Levels of Children 6-11 Years: Relationship to age, sex, race, and socioeconomic status, United States. *DHEW Publication No. (HRA) 74-1617, Series 11, No. 135*; December 1973; 24 pages; 60 cents.

Chronic Conditions and Impairments of Nursing Home Residents: United States, 1969. *DHEW Publication No. (HRA) 74-1707, Series 12, No. 22*; December 1973; 46 pages; 85 cents.

Examination and Health History Findings Among Children and Youths, 6-17 years, United States. *DHEW Publication No. (HRA) 74-1611, Series 11, No. 129*; November 1973; 71 pages; \$1.

Literacy Among Youths, 12-17 Years, United States. *DHEW Publication No. (HRA) 74-1613, Series 11, No. 131*; December 1973; 28 pages; 55 cents.

Age at Menarche, United States. *DHEW Publication No. (HRA) 74-1615, Series 11, No. 133*; November 1973; 29 pages; 65 cents.

Color Vision Deficiencies in Youths 12-17 years of Age, United States. *DHEW Publication No. (HRA) 74-1616, Series 11, No. 134*; January 1974; 34 pages; 70 cents.

Selected Characteristics of Nursing Homes for the Aged and Chronically Ill, United States, June-August 1969. *DHEW Publication No. (HRA) 74-1708, Series 12, No. 23*; January 1974; 38 pages; 80 cents.

100 Years of Marriage and Divorce Statistics, United States, 1867-1967. *DHEW Publication No. (HRA) 74-1902, Series 21, No. 24*; December 1973; 61 pages; 90 cents.

Remarriages, United States. *DHEW Publication No. (HRA) 74-1903, Series 21, No. 25*; December 1973; 27 pages; 65 cents.

Federal publications listed are obtainable from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Orders should be accompanied by cash, check, or money order and should fully identify the publication. (Publications listed without prices may be obtained from agency.)

WORLD HEALTH ORGANIZATION

Manual on Larval Control Operations in Malaria Programmes. Prepared by the WHO Division of Malaria and Other Parasitic Diseases. *WHO Offset Publication No. 1*. 1973; 199 pages; Geneva.

The Work of WHO, 1973. Annual report of the Director-General to the World Health Assembly and to the United Nations. *Official Records of the World Health Organization, No. 213*. 1974; 323 pages; Geneva.

Field Methods for the Control of Trachoma. Edited by M. L. Tarizzo. 1973; 48 pages; Geneva.

Environmental and Health Monitoring in Occupational Health. Report of a WHO Expert Committee. *WHO Technical Report Series No. 535*. 1973; 48 pages; \$1.75; Geneva.

Malaria Control in Countries Where Time-Limited Eradication is Impracticable at Present. Report of a WHO Interregional Conference. *WHO Technical Report Series No. 537*. 1974; 66 pages; Geneva.

Toxicological Evaluation of Certain Food Additives with a Review of General Principles and of Specifications. Seventeenth Report of the Joint FAO/WHO Expert Committee on Food Additives. *WHO Technical Report Series No. 539*. 1974; 40 pages; Geneva.

International Histological Classification of Tumours: No. 9. Histological Typing of Ovarian Tumours. By S. F. Serov and R. E. Scully in collaboration with L. H. Sobin and pathologists in 10 countries. 1973; 56 pages, illustrated. Book including set of 134 colour transparencies, \$51.00; book only, \$16.50; Geneva.

Modern Management Methods and the Organization of Health Services. *Public Health Papers No. 55*. 1974; 100 pages; Geneva.

Control of Air Pollution in the USSR. By N. F. Izmerov. *Public Health Papers No. 54*. 1973; 157 pages; \$3.15; Geneva.

Trace Elements in Human Nutrition. Report of a WHO Expert Committee. *WHO Technical Reports Series No. 532*; 1973; 65 pages; \$1.75; Geneva.

Postgraduate Education and Training in Public Health. Report of a WHO Expert Committee. *WHO Technical Report Series No. 533*; 1973; 68 pages; \$1.75; Geneva.

Twenty-Sixth World Health Assembly, Geneva, 7-23 May 1973. Part II. Verbatim records of plenary meetings, summary records and reports of committees. *Official Records of World Health Organization, No. 210*. 1973; 536 pages; \$5.95; Geneva.

Laboratory Techniques in Rabies. Third edition. Edited by Martin M. Kaplan and Hilary Koprowski. *WHO Monograph Series No. 23*. 1973; 367 pages; \$14.40; Geneva.

Methods for the Analysis of Human Chromosome Aberrations. Edited by K. E. Buckton and H. J. Evans. 1973; 44 pages; \$3.60; Geneva.

WHO Expert Committee on Drug Dependence. Nineteenth report. *WHO Technical Report Series No. 526*; 1973; 38 pages; \$1.20; Geneva.

Advances in Methods of Fertility Regulation. Report of a WHO Scientific Group. *WHO Technical Report Series No. 527*; 1973; 42 pages; \$1.20; Geneva.

Chemotherapy of Malaria and Resistance to Antimalarials. Report of a WHO Scientific Group. *WHO Technical Report Series No. 529*; 1973; 121 pages; \$2.10; Geneva.

WHO Expert Committee on Biological Standardization. Twenty-fifth report. *WHO Technical Report Series No. 530*; 1973; 6 pages; Geneva.

The Use of Viruses for the Control of Insect Pests and Disease Vectors. Report of a Joint FAO/WHO meeting on insect viruses. *WHO Technical Report Series No. 531*; 1973; 48 pages; \$1.20.

World Directory of Medical Schools, 1970. 1973; 147 pages; \$6; Geneva.

Twenty-Sixth World Health Assembly, Geneva, 7-23, May 1973. Part I. Resolutions and Decisions, Annexes. Official Records of the World Health Organization, No. 209. 1973; 110 pages; \$2.10; Geneva.

WHO publications may be obtained from Q Corp., 49 Sheridan Ave., Albany, N.Y. 12210.

NONFEDERAL

What We Know About Headaches. Public Affairs Pamphlet No. 502. By Arthur S. Freese. December 1973; 20 pages; 35 cents. Public Affairs Pamphlets, 381 Park Ave., South, New York, N.Y. 10016.

Population and the American Future. *Public Affairs Pamphlet No. 503*. By Elizabeth Ogg. January 1974; 28 pages; 35 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.

Helping the Handicapped Teenager Mature. Public Affairs Pamphlet No. 504. By Evelyn West Ayrault. February 1974; 27 pages; 35 cents. Public

Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.

Pakistan: A demographic report. By Shahid Javed Burki. *Population Bulletin*, Vol. 29, No. 4, 1973; 36 pages; 50 cents. *Population Reference Bureau, Inc.*, 1755 Massachusetts Ave., NW., Washington, D.C. 20036.

Hawaii: Growing pains in paradise. By Tadd Fisher. *Population Bulletin*, Vol. 29, No. 3. 1973; 40 pages; 50 cents. *Population Reference Bureau, Inc.*, 1755 Massachusetts Ave., NW., Washington, D.C. 20036.

The Personal Dimension of Patient Care. The Sixth Richard T. Viguers Memorial Lecture. By Mitchell T. Rabkin, MD. 1974; 12 pages; \$2. *Massachusetts Hospital Association*, 5 New England Executive Park, Burlington, Mass. 01803.

International Directory of Genetic Services. Birth defects. Compiled by Henry T. Lynch, MD, Daniel Bergsma, MD, Henry T. Lynch, MD, and Robert J. Thomas, PhD. March 1974; 80 pages. *The National Foundation-March of Dimes, Professional Education Department*, 1275 Mamaroneck Ave., White Plains, N.Y. 10605.

Health Planning and the Environment: A preventive focus. By Michael J. Mesenberg with Frank Beal and David R. Mosena. March 1974; 105 pages; \$3.50, ASPO members \$3. *American Society of Planning Officials*, 1313 East Sixtieth St., Chicago, Ill. 60637.

Energy, the Environment, and Human Health. By Asher J. Finkel, MD. 1974; 288 pages; \$18.75. *Publishing Sciences Group, Inc.*, 411 Massachusetts Ave., Acton, Mass. 01720.

Your Blood Pressure. 1974. Single copies free. *American Medical Association*, 535 North Dearborn St., Chicago, Ill. 60610.

How to Choose a Nursing Home: A shopping and rating guide. Prepared jointly by Citizens for Better Care and the Institute of Gerontology of the University of Michigan-Wayne State University. 1974; members, 50 cents; others, \$1; 50 cents postage and handling. *Citizens for Better Care*, 960 East Jefferson, Detroit, Mich. 48027.

Clinical Child Psychology: Current practices and future perspectives. Edited by Gertrude J. Williams, PhD, and Sol Gordon, PhD. 1974; 545 pages; \$19.95 hardbound, 5 or more students, \$14.95 each. Behavioral Publications, 72 Fifth Ave., New York, N.Y. 10011.

Psychodrama: Theory and therapy. Edited by Ira A. Greenberg, PhD. 1974; 496 pages; \$16.95 hardbound, 5 or more students \$12.95 each. Behavioral Publications, 72 Fifth Ave., New York, N.Y. 10011.

Principles of Drug Action: The basis of pharmacology. By Avram Goldstein, MD, Lewis Aronow, PhD, and Sumner Kalman, MD. 1974; 2d edition. John Wiley & Sons, Inc., 605 Third Ave., New York, N.Y. 10016.

Annual Price Survey. Family Budget Costs, October 1973. Supplement to Family Budget Standard and How to Measure Ability to Pay for Social and Health Services. Prepared by the Budget Standard Service. 17th edition; February 1974; 79 pages; \$5. Research and Program Planning Information Department, Community Council of Greater New York, 225 Park Ave. South, New York, N.Y. 10003.

Learning About Alcohol. A resource book for teachers. Edited by Samuel A. Miles. 1974; 200 pages; \$2.95. American Association for Health, Physical Education, and Recreation, 1201 Sixteenth St., NW., Washington, D.C. 20036.

Contraception. Edited by L. L. Langley, PhD. 1973; 516 pages; \$22. Dowden, Hutchinson & Ross, Inc., Box 699, 523 Sarah St., Stroudsburg, Pa. 18360.

Hormones and Sexual Behavior. Edited by Carol Sue Carter. 1974; 384 pages; \$20. Dowden, Hutchinson & Ross, Inc., Box 699, 523 Sarah St., Stroudsburg, Pa. 18360.

Safety in the Chemical Laboratory. Vol. 3. Edited by Norman V. Steere.

Reprinted from Journal of Chemical Education. 1974; 157 pages; \$5.50. Chemical Education Publishing Co., 20th and Northampton Sts., Easton, Pa. 18042.

Basic Spanish for Health Personnel. By Marilyn Seyman. 1974; \$9.95. Trainex Corp., P.O. Box 116, Garden Grove, Calif. 92642. Attn: Sales Manager.

The Use of Hospitals by Blue Cross Members in 1972. Blue Cross Association Research Series No. 12, March 1974; 9 pages. Blue Cross Association, Division of Research and Development, 840 North Lake Shore Dr., Chicago, Ill. 60611.

Serve the People. Observations on medicine in the People's Republic of China. By Victor W. Sidel and Ruth Sidel. 1973; 317 pages; \$10. Josiah Macy, Jr., Foundation, One Rockefeller Plaza, New York, N.Y. 10020.

Conception, Contraception: A new look. By Suzanne Loeb. 1974; \$6.95, \$6.84 library. McGraw-Hill Book Company, 1221 Avenue of the Americas, New York, N.Y. 10020.

The New Alcoholics: Teenagers. Public Affairs Pamphlet No. 499. By Jules Saltman. October 1973; 20 pages; 35 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.

After 65: Resources for self-reliance. Public Affairs Pamphlet No. 501. By Theodore Irwin. December 1973; 28 pages; 35 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.

A Guide for Hospital Participation in an Emergency Medical Communications System. 1973; \$1.75. Order Control Department, Room 610 JP, American Hospital Association, 840 N. Lake Shore Dr., Chicago, Ill. 60611.

A Safety Self-Inspection Program for Foodservice Operators. 1973; 79 pages; \$2.50, 10 percent discount for 10 or more copies. National Restaurant Association, One IBM Plaza, Suite 2600, Chicago, Ill. 60611.

Licensed Health Personnel in Pennsylvania: Geographic distribution. By George K. Tokuhata, DrPH, PhD, Pauline Newman, PhD, Edward Digon, MPH, Linda Mann, BA, Thomas Hartman, BA, and Krishnan Ramaswama, MSc, MS(Hyg). February 1972. Division of Research

and Biostatistics, Bureau of Planning, Evaluation and Research, Pennsylvania Department of Health, P.O. Box 90, Harrisburg, Pa. 17120.

Living Comfortably With Your Ileostomy. By Darlene Larson, RN, BA. Sister Kenny Institute Rehabilitation Publication No. 718. 1973; 37 pages; \$1.25. Sister Kenny Institute, 1800 Chicago Ave., Minneapolis, Minn. 55404.

Basic Acupuncture Techniques. ISBN 0-913736-01-05 1973; 352; \$17.50. Basic Medicine Books, P.O. Box 40129, San Francisco, Calif. 94140.

Recommendations for Financing Mental Health Care in the United States. 1973; 26 pages; \$1.25. American Hospital Association, 840 North Lake Shore Drive, Chicago, Ill. 60611.

Economics and Health Care. By Hirsch S. Ruchlin, PhD, and Daniel C. Rogers, PhD. 1973; 317 pages; \$14.95. Charles C Thomas, Publisher, 301-327 E. Lawrence Ave., Springfield, Ill.

Parents—Guidelines for Your Family's Health Insurance. September 1973; folder; 25 cents, \$3 per 100. American Academy of Pediatrics, Dept. Communications, 1801 Hinman Ave., Evanston, Ill. 60204.

Florida Vital Statistics, 1972. State of Florida Department of Health and Rehabilitative Services, Division of Health, P.O. Box 210, Jacksonville, Fla. 32201.

Guidelines for Self-Evaluation of Programs serving Adolescent Parents. By E. L. Husting, E. C. Khoury, P. B. Cohen, J. R. Markel, and E. R. Schlesinger. June 1973; 155 pages. Maternity Care Research Unit, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pa. 15261.

Regional Profile of Social, Economic and Health Characteristics. 1973; 68 pages. Health Services Research Section, Memphis Regional Medical Program, 969 Madison Ave., Memphis, Tenn. 38104.

The Indianapolis Conference on Prepaid Health Care, September 29,

1973. 1973; 70 pages. *The Metropolitan Health Council of Indianapolis, Inc.*, 3951 N. Meridian St., Indianapolis, Ind. 46208.

A Short-Cut to Venereal Disease Education. By Joseph Chiappa, Gelolo McHugh, in consultation with William F. Schwartz. 1974; 17 pages; \$1. Family Life Publications, Inc., Box 427, Saluda, N.C. 28773.

Somatometric Study of the Punjabi Hindu Khatri (Male) With Special Emphasis on Growth (Cross-Sectional) and Relationship Between Arm Girth and Body Weight Measurements. By Raghubir Singh. Edited by Henry Field. 1972; 139 pages. Field Research Projects, Box 585, Coconut Grove, Miami, Fla. 33133.

Introduction to Health Planning. By David F. Bergwall, Philip N. Reeves, and Nina B. Woodside. 1974; 221 pages; \$15. Information Resources Press, 2100 M St. NW., Washington, D.C. 20037.

Tuberculosis. II Regional Seminar. Bogota, Colombia, 6-10 November, 1972. Scientific Publication No. 265. 1973; 147 pages; \$2. Pan American Health Organization, Pan American Sanitary Bureau, Regional Office of the World Health Organization, 525 23d St., NW., Washington, D.C. 20037.

The National Buyer's Guide to Recycled Paper. Compiled by Sally Dane. 1973; 208 pages; 1-9 copies, each, \$4; 10-99, \$3.25; 100 or more, \$2.50. Environmental Educators, Inc., 1621 Connecticut Ave., NW., Washington, D.C. 20009.

Pharmaceutical Payment Programs—An Overview. The financing of prescription medicines through third party programs. 1973; 144 pages. Pharmaceutical Manufacturers Association, 1155 15th St., NW., Washington, D.C. 20005.

Development of the Community Health Center Plan in New Haven, Connecticut. Final report to the Community Health Service, HSMHA, Department of Health, Education, and Welfare. November 1973; 83 pages, plus. Community Health Care Center Plan, Inc., 150 Sargent Dr., New Haven, Conn. 06511.

Reshaping Ambulatory Care Programs. Report and recommendations of a conference on ambulatory care. 1973; 56 pages. American Hospital Association, 840 North Lake Shore Dr., Chicago, Ill. 60611.

Guidelines for Hospital Involvement in Comprehensive Health Delivery Systems. 1973; \$1.50. Order Control Department, Room 600, American Hospital Association, 840 North Lake Shore Dr., Chicago, Ill. 60611.

The Administration of Mental Health Services. Edited by Saul Feldman, DPA. 1973; 395 pages; \$18.75. Charles C Thomas, Publisher, 301-327 E. Lawrence Ave., Springfield, Ill.

Aspects of Medical Care Administration: Specifying requirements for health care. By Avedis Donabedian, MD, MPH. 1973; 649 pages; \$25. Harvard University Press, 79 Garden St., Cambridge, Mass. 02138.

Options. A study guide to population and the American Future. 1973; 75 pages. The Population Reference Bureau, Inc., 1755 Massachusetts Ave., NW., Washington, D.C. 20036.

Concurrent Field Training in the Professional Preparation of Health Educators: Issues and experiences. Monograph Series No. 6. By T. S. Natarajan. 1973; The Gandhigram Institute of Rural Health and Family Planning, Gandhigram P.O., Madurai District, Tamil Nadu.

Human Resources Agencies. Programs, needs, goals. State of Washington 1973 annual report. 91 pages. Washington State Library, Olympia, Wash. 98504.

The World Guide to Social Work Education. 1974; \$8. International Association of Schools of Social Work, 345 E. 46th St., New York, N.Y.

Red Book. Report of the Committee on Infectious Diseases. 1974; \$3. American Academy of Pediatrics, Dept. P, P.O. Box 1034, Evanston, Ill. 60204.

Medical and Health Care for All. A description of the Medicredit National Health Insurance Program as

revised, January 1973. 1974; 8 pages. American Medical Association, 535 N. Dearborn St., Chicago, Ill. 60610.

Induced Abortion: A factbook. 1974; 56 pages. The Population Council, 245 Park Ave., New York, N.Y. 10017.

Community Dentistry. Contributions to new directions. By Clifton O. Dummett, DDS, MPH. A monograph in the Bannerstone Division of American Lectures in Dentistry, edited by Alvin F. Gardner, DDS, PhD. 1974; 208 pages; \$12.75. Charles C Thomas, Publisher, 301-327 East Lawrence Ave., Springfield, Ill.

Solid Waste Disposal. Vol. 1. Incineration and landfill. By Bernard Baum, PhD, and Charles H. Parker. 1973; 397 pages; \$22.50. Ann Arbor Science Publishers, Inc., P.O. Box 1425, Ann Arbor, Mich. 48106.

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