

## DOCUMENT RESUME

ED 237 571

TM 830 836

AUTHOR Smith, Jana Kay; Smith, Nick L.  
TITLE Cost-Analysis Bibliography. Research on Evaluation Program. Paper and Report Series No. 88.  
INSTITUTION Northwest Regional Educational Lab., Portland, OR. Research on Evaluation Program.  
SPONS AGENCY National Inst. of Education (ED), Washington, DC.  
PUB DATE Sep 83  
CONTRACT 400-80-0105  
NOTE 33p.  
PUB TYPE Reference Materials - Bibliographies (131)  
EDRS PRICE MF01/PC02 Plus Postage.  
DESCRIPTORS \*Cost Effectiveness; Educational Research; \*Evaluation Methods; \*Program Evaluation; \*Research and Development Centers; Research Methodology; Research Needs  
IDENTIFIERS Northwest Regional Educational Laboratory; Technical Assistance Centers

## ABSTRACT

Because of declining school budgets and the general economic recession, educational evaluators have become increasingly interested in cost-analysis methods. Although there is a large body of literature on economic and cost-analysis procedures, there are no current bibliographies targeted at the use of cost methods in program evaluation. This report contains over 350 non-annotated references to books, reports, and articles on cost-analysis methods published from 1961 to 1983. (PN)

\*\*\*\*\*  
\* Reproductions supplied by EDRS are the best that can be made \*  
\* from the original document. \*  
\*\*\*\*\*



ED237571

"PERMISSION TO REPRODUCE THIS  
MATERIAL HAS BEEN GRANTED BY

M. M. Rogers

TO THE EDUCATIONAL RESOURCES  
INFORMATION CENTER (ERIC)."

U.S. DEPARTMENT OF EDUCATION  
NATIONAL INSTITUTE OF EDUCATION  
EDUCATIONAL RESOURCES INFORMATION  
CENTER (ERIC)

☒ This document has been reproduced as  
received from the person or organization  
originating it.  
☐ Minor changes have been made to improve  
reproduction quality.

• Points of view or opinions stated in this docu-  
ment do not necessarily represent official NIE  
position or policy.

## paper and report series

No. 88 GOST ANALYSIS BIBLIOGRAPHY

JANA KAY SMITH  
NICK L. SMITH

# Research on Evaluation Program



Northwest Regional Educational Laboratory  
300 S. W. Sixth Avenue  
Portland, Oregon 97204  
Telephone (503) 248-8800



No. 88

COST-ANALYSIS BIBLIOGRAPHY

JANA KAY SMITH  
NICK L. SMITH

September 1983

Nick L. Smith, Director  
Research on Evaluation Program  
Northwest Regional Educational Laboratory  
300 S. W. Sixth Avenue, Portland, Oregon 97204

Published by the Northwest Regional Educational Laboratory, a private nonprofit corporation. The work upon which this publication is based was performed pursuant to Contract No. 400-80-0105 of the National Institute of Education. It does not, however, necessarily reflect the views of that agency.

The information presented in this publication does not necessarily reflect the opinions of the Northwest Regional Educational Laboratory and no endorsement should be inferred.

## PREFACE

The Research on Evaluation Program is a Northwest Regional Educational Laboratory project of research, development, testing, and training designed to create new evaluation methodologies for use in education. This document is one of a series of papers and reports produced by program staff, visiting scholars, adjunct scholars, and project collaborators--all members of a cooperative network of colleagues working on the development of new methodologies.

What literature exists on the methods of cost analysis and their use in program evaluation? This bibliography was compiled in an attempt to answer that question. It contains a non-annotated listing of over 350 articles and books on cost analysis, many of which should be of use to evaluators seeking to employ cost-analysis methods in their work.

Nick L. Smith, Editor  
Paper and Report Series

## COST-ANALYSIS BIBLIOGRAPHY

10

Because of declining school budgets and the general economic recession, educational evaluators have become increasingly interested in cost-analysis methods. Although there is a large body of literature on economic and cost-analysis procedures, we know of no current bibliographies targeted at the use of cost methods in program evaluation. This report contains our initial attempt to build such a bibliography.

This document contains over 350 references to books, reports, and articles on cost-analysis methods. We have selected items which seemed of most relevance to researchers seeking to use cost procedures in program evaluation. Since cost-analysis procedures appear to have been used more extensively in health evaluation than in educational evaluation, we have included a large number of references from the health field. While our references come primarily from health and education, they are wide-ranging, covering such diverse journals as the American School Board Journal, the Journal of Political Economy, and the Community Dental and Oral Epidemiology journal.

An increasing number of articles are appearing on the specific use of cost methods in program evaluation, making it possible that a more selective, annotated collection could be produced in the near future. Until then, we offer this listing as a temporary aid.

- Abelson, P. H. Cost-effective health care. Science, 1976, 192, 1.
- Abt, C. C. Design for an education system cost-effectiveness model. In Efficiency in resource utilization in education. Paris: Organization for Economic Cooperation and Development, 1969, 65-91.
- Abt, C. C. The issue of social cost in cost-benefit analysis of surgery. In J. P. Bunker, B. A. Barnes and F. Mosteller (Eds.), Costs, risks, and benefits of surgery. New York: Oxford University Press, 1977, 40-55.
- Acton, J. Measuring monetary value of life-savings programs. Law and Contemporary Problems, 1976, 40(4), 46-72.
- Albritton, R. B. Cost-benefits of measles eradication: Effects of a federal intervention. Policy Analysis, 1978, 4(1), 1.
- Alford, R. Health Care Politics. Chicago: University of Chicago Press, 1975.
- Alkin, M. C. Evaluating the cost-effectiveness of instructional programs. In M. Wittrock and D. E. Wiley (Eds.), The evaluation of instruction: Issues and problems. New York: Holt, Rinehart and Winston, 1970, 221-238.
- Amadio, J., Mueller, J., & Grey, R. Benefit/cost ratio. In Public Health Report, Illinois Department of Public Health, Southern Illinois University, Carbondale and Jackson County Health Department, 1976.
- Amschler, D. H. Pap tests every three years: Cost-effective in the long run? Health Education, 1983, 14(1), 42-45.
- Andersen, D. F. Problems in estimating the costs of special education in urban areas: The New York City case. Journal of Education Finance, 1982, 7(4), 403-424.
- Armstrong, J. Family practice residency program: A cost-benefit model for resource allocation decision-making. Unpublished masters thesis, University of Washington, Seattle, WA.
- Armstrong, R. L. The intangible costs and benefits of school self-study. North Central Association Quarterly, 1982, 56(3), 395-401.
- Atherly, G. R., Cale, R. W., Drummond, M.F., et al. An approach to the financial evaluation of occupational health services. Journal of Social and Occupational Medicine, 1976, 26, 21-30.

- Barnes, B. A. Cost-benefit and cost-effectiveness analysis in surgery. Surgical Clinic North America, 1982, 62(4), 737-749.
- Barsby, S. L. Cost-benefit analysis and manpower programs. D. C. Health, 1972, Lexington, MA: Lexington.
- Baumol, W. J. On the social rate of discount. American Economic Review, 1968, 58, 788-802.
- Baumol, W. J. On the discount rate for public projects. In R. Haveman and J. Margolis, Public expenditures and policy analysis. Chicago: Markham, 1970, 273-290.
- Bennett, W. Cost-benefit ratio of pretransplant bilateral nephrectomy. Journal of American Medical Association, 1976, 235, 1703.
- Bentkover, J., D., & Drew, P. G. Cost benefit/cost effectiveness of medical technologies: A case study of orthopedic joint implants (OTA-BP-H-9(14) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.
- Berk, A., Paringer, L., & Mushkin, S. J. The economic cost of illness, fiscal 1975. Medical Care, 1978, 16, 785-790.
- Bernstein, C., Hartman, W. T., Kirst, M., & Marshall, R. Financing educational services for the handicapped: An analysis of current research and practices. Reston, VA: Council for Exceptional Children, 1976.
- Berry, R. E. Estimating the economic costs of alcohol abuse. New England Journal of Medicine, 1976, 295, 620-621.
- Berwick, D. M., & Komaroff, A. L. Cost-effectiveness of lead screening. New England Journal of Medicine, 1982, 306(23), 1392-1398.
- Binner, P. R. Outcome measures and cost analysis. In W. Neigher, R. J. Hammer, and G. Landsberg (Eds.), Emerging developments in mental health program evaluation. New York, N. Y.: Argold Press, 1977.
- Binner, P. Cost analysis of state hospitals: Custodial efficiency or treatment efficiency. In Landsberg et al. (Eds.), Evaluation in practice, DHEW publication No. (ADM) 78-763, 1979.
- Binner, P., Halpern, J., & Potter, A. Patients, programs, and results in a comprehensive mental health center. Journal of Clinical and Consulting Psychology, 1973, 41(1), 148-156.
- Binner, P., Potter, A., & Halpern, J. Workload levels, program costs, and program benefits: An output value analysis. Administration in Mental Health, 1976, 3.



- Carr, C. Costilhos, M., Davis, D., Snyder, M., & Stecher, B. Cost-benefit analysis in educational evaluation. Studies in Educational Evaluation, 1982, 8(1), 75-85.
- Carrera, G. F., Gerson, D. E., Schnur, J., & McNeil, B. J. Computed tomography of the brain in patients with headache or temporal lobe epilepsy: Findings and cost-effectiveness. Journal of Computer Assisted Tomography, 1977, 1(2), 200-203.
- Chamie, M., & Henshaw, S. K. The costs and benefits of government expenditures for family planning programs. Family Planning Perspective, 1981, 13(3), 117-118, 120-124.
- Charp, S., & Sebastian, R. N. Cost-effectiveness considerations in the use of a combined CAI/CMI system. The Journal: Technological Horizons in Education, 1978, 5(2), 42-46.
- Christianson, J. B., Krishan, I., Nobrega, F. T., Davis, C. S., Smoldt, R. K., & Harris, A. M. The Mayo three-community hypertension control program vs. cost-effectiveness of intervention. Mayo Clinic Proceedings, 1981, 56(1), 11-16.
- Cohn, E. The economics of education. (Rev. ed.) Cambridge, Mass.: Ballinger, 1979.
- Cohn, E., & Millman, S. D. Input-output analysis in public education. Cambridge, Mass.: Ballinger, 1975.
- Cohodes, D. R. Problems in measuring the cost of illness. Evaluation and the Health Professions, 1982, 5(4), 381-392.
- Cohrs, M. E., & Frankenburg, W. K. Acceptance of home screening: How to reach the unreached. Clinical Research, 1973, 21, 299.
- Collen, M. F., Feldman, R., Siagelaub, A. G., & Crawford, D. Dollar cost per positive tests for automated multiphasic screening. New England Journal of Medicine, 1970, 283, 459-463.
- Collins, J. A cost-effectiveness model. In William T. Hall and Gerald C. St. Denis (Eds.), Proceedings: Quality assurance in social services in health programs for mothers and children. Pittsburgh, PA: University of Pittsburgh Graduate School of Public Health and U.S. Department of Health, Education & Welfare, 1975, 10, 109.
- Conley, R. W. Issues in benefit-cost analyses of the vocational rehabilitation program. American Rehabilitation, 1975, 1, 19-23.
- Conley, R. W., Cornwall M., & Arrill, M. B. An approach to measuring the cost of illness. American Journal of Psychiatry, 1967, 124, 63.
- Cooper, B., & Rice, D. P. The economic cost of illness revisited. Social Security Bulletin 39, 1976, 2, 21-36.
- Costich, J. F. A simplified cost-finding methodology. Journal of Medical Education, 1983, 58(3), 203-204.

Coulton, C. J., & Butler, N. Measuring social work productivity in health care. Health and Social Work, 1981, 6(3), 4-12.

Coulehan, J. L., Baacke, G., Welty, T. K., & Goldtooth, N. L. Cost-benefit of a streptococcal surveillance program among Navajo Indians. Public Health Reports, 1982, 97(1), 73-77.

Crabtree, M. Application of cost-benefit analysis to clinical nursing practice: A comparison of individual and group preoperative teaching. Journal of Nursing Administration, 1978, 8, 11.

Craig, J. L. A practical approach to cost analysis of an occupational health program. Journal of Occupational Medicine, 1974, pp. 445-448.

Cretin, S. Cost-benefit analysis of treatment and prevention of myocardial infarction. Health Services Research, 1977, 12, 174-189.

Crystal, R., & Brewster, A. Cost-benefit and cost-effectiveness analyses in the health field: An introduction. Inquiry, 1966, 3, 3-13.

Cumming, P. D., Kendall, K. E., Pegels, C. C., & Seagle, J. P. Cost-effectiveness of use of frozen blood to alleviate blood shortages. Transfusion, 1977, 17(6), 602-606.

- D -

Dahms, W. T., Molitch, M. E., Bray, G. A., Greenway, F. L., Atkinson, R. L., & Hamilton, K. Treatment of obesity: Cost benefit assessment of behavioral therapy, placebo, and two anorectic drugs. American Journal of Clinical Nutrition, 1978, 31, 774-778.

Davis, R. W. Approaches to CBI effectiveness: Activity in the Bell System. T. H. E. Journal: Technological Horizons in Education. 1981, 8(3), 43-45.

Dawson, P., Cohrs, M., Eversole, C., Frankenburg, W. K., & Roth, M. L. Cost-effectiveness of screening children in housing projects. American Journal of Public Health, 1976, 66(12), 1192-1194.

Dawson, P., Cohrs, M., Eversole, C., Frankenburg, W. F., & Roth, M. L. Cost-effectiveness of screening children in health centers. Public Health Reports, 1979, 94, 362-365.

del Bueno, D. J., & Kelly, K. J. How cost-effective is your staff development program? Journal of Nursing Administration, 1980, 10(4), 31-36.

Denton, J. J., & Smith, N. L. Alternative teacher preparation programs: A cost-effectiveness comparison (Report No. 86 of the Research on Evaluation Program Paper & Report Series). Portland, OR: Northwest Regional Educational Laboratory, 1983.

Dittman, D. A., & Smith, K. R. Consideration of benefits and costs: A conceptual framework for the health planner. Health Care Management Review, 1979, 4, 45-63.

Dodge, W. F. Cost-effectiveness of renal disease screening. American Journal of Diseases of Children, 1977, 131(11), 1274-1282.

Doherty, N. Alternatives to institutionalization for the aged: Viability and cost-effectiveness. Aged Care and Services Review, 1978, 1, 1-16.

Doherty, N., & Crakes, G. Social program costs adjusting for research and evaluation. Activities Evaluation Review, 1980, 4(4), 537-548.

Doherty, N., & Hicks, B. The use of cost-effectiveness analysis in geriatric day care. Gerontologist, 1975, 15, 412.

Doherty, N., & Hicks, B. Cost-effectiveness analysis and alternative health care programs for the elderly. Health Services Research, 1977, 12, 190-203.

Doherty, N., Horowitz, P., & Crakes, G. Real costs of dental care in private and public practices. Medical Care, 1980, 18, 96-105.

Dolan, T. J., Hodgson, T. A., & Wun, W. M. Present values of expected lifetime earnings and housekeeping services, 1977. Division of Analysis, National Center for Health Statistics, Hyattsville, MD, 1980.

Drummond, M. F. Welfare economics and cost-benefit analysis in health care. Scottish Journal of Political Economy, 1981, 28(2), 125-145.

Dunlop, B. D. Expanded home-based care for the elderly: Solution or pipe dream? American Journal of Public Health, 1980, 70, 514-519.

Dunlop, D. Benefit-cost analysis: A review of its applicability in policy analysis for delivering health services. Social Science and Medicine, 1975, 9, 133-139.

Dunn, B. P., & Sullins, W. R. Cost-benefit analysis: Applicability in higher education. Journal of Education Finance, 1982, 8, 20-32.

- E -

Eastaugh, S. R., & Hatcher, M. E. Improving compliance among hypertensives: A triage criterion with cost-benefit implications. Medical Care, 1982, 20(10), 1001.

English, D. C., & Geyman, J. P. The efficiency and cost-effectiveness of diagnostic tests for infectious mononucleosis. Journal of Family Practice, 1978, 6(5), 977-981.

Fein, R. Economics of mental illness. New York: Basic Books, 1958.

Fein, R. But on the other hand: High blood pressure, economics, and equity. \* New England Journal of Medicine, 1977, 296, 751-753.

Feldstein, M. The social time preference discount rate in cost-benefit analysis. Economic Journal, 1964, 74, 360-379.

Fielding, J. E. Successes of prevention. Millbank Memorial Fund Quarterly, 1978, 56, 274-302.

Fineberg, H. V., & Pearlman, L. A. Benefit and cost analysis of medical interventions: The case of cimetidine and peptic ulcer disease (OTA-BP-H-9(11) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.

Fishman, D. B. Development and test of a cost-effectiveness methodology for CMHCs: Final report of NIMH Contract No. HSM-42-73-162 (OP). Development and testing of a cost-effectiveness methodology for CMHCs, PB-246-676, (Vol. 1), Exhibits for the final report: Development and testing of a cost-effectiveness methodology for CMHCs, PB-246-677, (Vol. 2), "COCE" Adult interview for: Development testing of a cost-effectiveness methodology for CMHCs, PB-246-678, (Vol. 3). Springfield, VA: U.S. Dept. of Commerce, 1975.

Fishman, D. B. Development of a generic cost-effectiveness methodology for evaluating the patient services of a community mental health center. In Zusman, J. and Wurster, C. R. (Eds.), Program evaluation: Alcohol, drug abuse, and mental health services, Lexington, Mass.: D. C. Heath, 1975.

Fishman, D. B. A computerized, cost-effectiveness methodology for Community Mental Health Centers. In J. Johnson, J. B. Sidowski & T. Williams (Eds.), Technology in mental health care delivery systems. New York: Lawrence Erlbaum, 1978.

Fishman, D. B. Cost-effectiveness as a buyer's guide to mental health services: A pilot test. In Landsberg et al. (Eds.), Evaluation in practice, DHEW Publication No. (ADM) 78-763, 1979.

Foote, A., & Erfurt, J. C. Controlling hypertension: A cost-effective model. Preventive Medicine, 1977, 6, 319-343.

Forst, B. C. An analysis of alternative periodic health examination strategies. In W. A. Niskanen et al. (Eds.), Benefit cost and policy analysis. Chicago: Aldine, 1973, 393-409.

Fuchs, V. R. What is CBA/CEA, and why are they doing this to us? New England Journal of Medicine, 1980, 303(16), 937-938.



- Garner, W. T. Linking school resources to educational outcomes: The role of homework. Horace Mann-Lincoln Institute Research Bulletin, 1978, 19(1).
- Gellman, D. D. Cost-benefit in health care: We need to know much more. Canadian Medical Association Journal, 1974, 3, 988-999.
- Gerson, L. W., & Hughes, O. P. A comparative study of the economics of home care. International Journal of Health Services, 1976, 6(4), 543-555.
- Geske, T. G. Some observations on cost-effectiveness analysis. Journal of Educational Finance, 1979, Spring, 451-468.
- Geske, T., & Zuelke, D. C. Cost-effectiveness analysis: A practical tool for educational planning and changing. Planning and Changing, 1982, 13(1) 3-10.
- Glass, N. J., & Goldberg, D. Cost-benefit analysis and the evaluation of psychiatric services. Psychological Medicine, 1977, 7, 701-707.
- Goldman, T. A. Cost-effectiveness analysis: New approaches in decision making. New York: Praeger, 1967.
- Goldschmidt, P. G. A cost-effectiveness model for evaluating health care programs: Application to drug abuse treatment. Inquiry, 1976, 13, 29-47.
- Good, D. A. Cost-benefit and cost-effectiveness analysis: Their application to urban public services and facilities (RSRI Discussion Paper Series No. 47). Regional Science Research Institute, Philadelphia, PA, 1971.
- Gramlich, E. Benefit-cost analysis of government programs. Englewood Cliffs, NJ: Prentice-Hall, 1981.
- Gray, C. M., Conover, C. J., & Hennessey, T. M. Cost-effectiveness of residential community corrections: An analytical prototype. Evaluation Quarterly, 1978, 2(3), 375-400.
- Green, L. W. How to evaluate health promotion. Hospitals, 1979, 53, 106-108.
- Greenberg, J., & Kroft, R. The economic impact of alternative cardiac care unit treatment practices. Health Services Research, 1982, 17(1), 45-60.
- Griffith, D. A. T. Economic evaluation in health services. Annales Societe Belge Medicine Tropicale, 1972, 52, 215-233.

Grosse, R. N. Preface. In T. A. Goldman (Ed.), Cost-effectiveness analysis: New approaches in decision-making. New York: Washington Operations Research Council, F. A. Praeger, 1967.

Grosse, R. Cost-benefit analysis of health services. Annals of the American Academy of Political and Social Science, 1972, 399, 89.

Grover, P. L. et al. Cost-effectiveness of a multisite mass screening program for cancer detection: CANSCREEN. Paper presented at the 104th Annual Meeting of the American Psychological Association, Miami, Florida, 1976.

Grubb, A. W. Roles, relevance, costs of hospital education and training debated. Hospitals, 1981, 55(7), 75-79.

Guzick, D. S. Efficacy of screening for cervical cancer: A review. American Journal of Public Health, 1978, 68, 125-134.

- H -

Hagard, S., Carter, F., & Milne, R. G. Screening for spina bifida cystica: A cost-benefit analysis. British Journal of Preventive Social Medicine. 1976, 30, 43.

Halpern, J., & Binner, P. R. A model for an output value analysis of mental health programs. Administration in Mental Health, 1972, Winter, 40-51.

Hammersberg, S. S. A cost/benefit study of clinical education in selected allied health programs. Journal of Allied Health, 1982, 11(1), 35-41.

Hammond, J. Home health care cost-effectiveness: An overview of the literature. Public Health Reports, 1979, 94(4), 305-311.

Hannan, E. L., & Graham, J. K. A cost-benefit study of a hypertension screening and treatment program at the work setting. Inquiry, 1978, 15, 345-356.

Harris, G. Introduction to cost-benefit analysis applied to new health technologies. Prepared for Bureau of Health Planning and Resources Development, HRA, Cambridge, Mass: Arthur D. Little, Inc., 1977.

Hartman, W. T. Study review: Rand Corporation to study cost of special education. Washington, D. C.: U.S. Office of Education, 1978.

Hartman, W. T. Estimating the costs of educating handicapped children: A resource-cost model approach--summary report. Educational Evaluation and Policy Analysis, 1981, 3(4), 33-47.

Hartunian, N. S., Smart, C. N., & Thompson, M. S. The incidence and economic costs of cancer, motor vehicle injuries, coronary heart disease, and stroke: A comparative analysis. American Journal of Public Health, 1980, 70, 1249-1260.

Haskell, N. L., & Blair, S. N. The physical activity component of health promotion in occupational settings. Public Health Reports, 1980, 95, 109-118.

Hauver, J. N., & Goodman, J. A. The evaluation of performance and cost in a hypertensive control program. Medical Care, 1980, 18, 485-502.

Haynes, R. B., Sackett, D. L., & Taylor, D. W. Increased absenteeism from work after detection and labeling of hypertensive patient. New England Journal of Medicine, 1978, 299, 741-744.

Hodgin, R. F. A cost-benefit analysis for seafood processing training sessions in the Galveston Bay area. College of the Mainland, Texas City, Texas, June, 1982.

Hookey, P. Cost-benefit evaluations in primary health care. Health and Social Work, 1979, 4(3), 152-167.

- J -

Jacobs, P., & Chovil, A. Economic evaluation of corporate medical programs. Journal of Occupational Medicine, 1983, 25(4), 273-278.

Jacobson, S., & Ward, D. Prevention of institutionalization: A cost-effectiveness model of community-based alternatives. Paper presented at the annual meeting of the American Public Health Association, Miami Beach, FL, October, 1976, 17-21.

Joglekar, P. R. Advocacy through convenient definition of societal objectives. Evaluation and the Health Professions, 1982, 5(4), 363-379.

Joglekar, P. R. Cost-benefit studies of health care programs: Choosing methods for desired results. Evaluation and the Health Professions. Forthcoming.

Jones, R., Goldberg, D., & Hughes, B. A. A comparison of two different services treating schizophrenia: A cost-benefit analysis. Psychological Medicine, 1980, 10, 493-505.

Jones-Lee, M. W. The value of life: An economic analysis. Chicago: University of Chicago Press, 1976.

Karon, B. P., & Vandenbos, G. R. Cost-benefit analysis: Psychologist vs. psychiatrist for schizophrenics. Professional Psychology, 1976, 7, 107-111.

Kazanowki, A. D. A standardized approach to cost-effectiveness evaluations. In J. M. English (Ed.), Cost-effectiveness--The economic evaluation of engineered systems. New York: Wiley, 1968, 113-133.

Kelman, S. Cost-benefit analysis: An ethical critique. Regulations, January, 1981, 33-40.

Kemper, D. Self care education: Impact on HMO costs. Medical Care, 1982, 20, 710-718.

Kiesling, H. J. Some estimates for the cost-effectiveness of educational inputs for reading performance of disadvantaged children in California Title I projects (Report No. ED 068616). Washington, D. C.: Educational Resources Information Center, 1972.

Kim, J. E., & Harris, R. C. A cost-effectiveness model for secondary vocational programs. Bloomington, Ind.: School of Education, Indiana University, 1976.

Kinney, J., Godfrey, C., Haapala, D., & Madsen, B. Homebuilders: Keeping families together. In Landsberg et al. (Eds), Evaluation in practice, 1979.

Kissick, W. L. Cost-benefit studies in health planning in the U.S.A. Health Economics. Copenhagen, 1969, 39-44.

Klarman, H. E. Syphilis control programs. In R. Dorfman (Ed.) Measuring benefits of government investments. Washington, D. C. 1965, 367-414.

Klarman, H. E. The economics of health. New York: Columbia University Press. 1965.

Klarman, H. E. Present status of cost-benefit analysis in the health field. American Journal of Public Health, 1967, 57, 1948-1958.

Klarman, H. E., Francis, J., & Rosenthal, G. D. Cost-effectiveness analysis applied to the treatment of chronic renal disease. Medical Care, 1968, 6(1), 44-54.

Klarman, H. E. Application of cost-benefit systems technology, technology and health care systems in the 1980s (DHEW Publication No. HSM73-3016). M. F. Collen (Ed.), Washington, D.C.: Government Printing Office, 1973.

Klarman, H. E. Application of cost-benefit analysis to health services technology. Journal of Occupational Medicine, 1974, 16, 172-186.



- Klarman, H. E. Application of cost-benefit analysis to the health services and the special case of technologic innovation. International Journal of Health Services, 1974, 4, 325-352.
- Klarman, H. E., Francis, J. O., & Rosenthal, G. D. Cost-effectiveness analysis applied to the treatment of chronic renal disease. Medical Care, 1968, 6, 48-54.
- Klock, B. Economic aspects of a caries preventive program. Community Dental Oral Epidemiology, 1980, 8(2), 97-102.
- Koplan, J., Schoenbaum, S., Weinstein, M., & Fraser, D. Pertussis vaccine: An analysis of benefits, risks and costs. New England Journal of Medicine, 1979, 301, 906-911.
- Kridel, R., & Winston, D. Cost-effective medical care. Chicago: Resident Physicians Sections of the American Medical Association, 1978.
- Kristein, M. M. Economic issues in prevention. Prevention Medicine, 1977, 6, 252-264.
- Kristein, M. M., Arnold, C. B., & Wunder, E. L. Health economics and preventive care. Science, 1977, 195, 457-462.
- Krumboltz, J. D. An accountability model for counselors. Personnel and Guidance Journal, 1974, 52, 639-646.
- Kurlik, J., Kulik, C., & Cohen, P. Effectiveness of computer-based college teaching: A meta-analysis of findings. Review of Educational Research, 1980, 50, 525-544.
- L -
- Landefeld, J. S., & Seskin, E. P. The economic value of life: Linking theory to practice. American Journal of Public Health, 1982, 72(6), 555-565.
- Lave, L. B. Economic evaluation of public health programs. Annual Review of Public Health, 1980, 1, 255-276.
- Lave, J. R., et al. Economic impact of preventive medicine. In Preventive Medicine. Prodist, New York, 1976, 675-714.
- Lave, J. R., & Lave, L. B. Cost-benefit concepts in health: Examination of some prevention efforts. Preventive Medicine, 1978, 7, 414-423.
- Lave, P. M., von Allmen, S. D., & Oakley, G. P., Jr. Maternal serum alpha-fetoprotein screening: A cost benefit analysis. American Journal of Public Health, 1979, 69, 566-573.

- LaVor, J., & Callender, M. Home health cost-effectiveness: What are we measuring? Medical Care, 1976, 14, 866-872.
- LeRoy, L., & Solkowitz, S. The costs and effectiveness of nurse practitioners (OTA-BP-H-9(16) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.
- Levin, A. Cost-effectiveness in maternal and child health. New England Journal of Medicine, 1968, 278, 1041-1047.
- Levin, H. M. Measuring efficiency in educational production. Public Finance Quarterly, 1974, 2(1), 3-24.
- Levin, H. M. Cost-effectiveness analysis in evaluation research. In M. Guttentag and E. Struening (Eds.), Handbook of evaluation research. Beverly Hills, CA: SAGE Publications, 1975, 2.
- Levin, H. M. Concepts of economic efficiency and educational production. In J. Froomkin, D. Jamison and R. Radner (Eds.), Education as an industry. Cambridge, Mass.: Ballinger, 1976, 149-191.
- Levin, H. M. A cost-effectiveness analysis of teacher selection. The Journal of Human Resources, 1970, 5(1), 24-33.
- Levin, H. M. Cost analysis. In N. L. Smith (Ed.) New techniques for evaluation. Beverly Hills: SAGE Publications, 1981, 19-23.
- Levin, H. M. Cost-effectiveness: A primer. Beverly Hills, CA: SAGE Publications, 1983.
- Levine, D. S. Cost effectiveness evaluation in mental health care. In G. J. Stahler & W. R. Tash Innovative approaches to mental health evaluation. Santa Clara, CA: Academy Press, 1981.
- Levine, V. The role of outcomes in cost-benefit evaluation. New Directions for Program Evaluation, 1981, 9, 21-41.
- Libonate, G. A., Jr., & Hughes, J. T. The administratively effective school district: The role of the computer. Educational Computer, 1982, 2(4), 10-12.
- Linnerooth, J. The value of human life: A review of the models. Economic Inquiry, 1979, 17, 52-74.
- Lipworth, L. Cost-effectiveness of a preventive program for renal disease. Milbank Memorial Fund Quarterly, 1969, July, 70-74.
- Logan, A. G., Milne, B. J., Achber, C., Campbell, W. P., & Haynes, R. B. Cost-effectiveness of a worksite hypertension treatment program. Hypertension, 1981, 3(2), 211-218.

Longabaugh, R. A 1-year followup comparison of day hospital, day hospital transfer, and inpatient samples with respect to cost-effectiveness of psychiatric care. In Landsberg et al. (Eds.), Evaluation in Practice, 1979.

Longabaugh, R. Cost-effectiveness of the acute day hospital as a treatment setting. Evaluation in Practice, DHEW Publication No. (ADM) 78-763, 1979.

Longabaugh, R., McAuley, T., Imerman, L., & Westlake, R. Cost-effectiveness of the acute day hospital as a treatment setting, (Butler Hospital Treatment Evaluation Series Report No. 8). Providence, R.I., 1975.

Lubeck, D. P., & Bunker, J. P. The artificial heart: Cost, risks, and benefits (OTA-BP-H-9(9) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.

Luce, B. R. Allocating costs and benefits in disease prevention programs: An application to cervical cancer screening (OTA-BP-H-9(7) Health Technology Case Study Series). Washington, D.C.: U.S. Government Printing Office, 1980.

Luft, L. L., & Fakhouri, J. A model for a comparative cost-benefit evaluation of two mental health partial care programs. Evaluation and Program Planning, 1979, 2, 33-40.

Luft, L., & Fakhouri, J. A comparative cost-effectiveness evaluation of two partial care programs. In Landsberg et al. (Eds.), Evaluation in practice, 1979, 198-199.

- M -

McCleary, R., & Hay, R. Applied time series analysis for the social sciences. SAGE Publications, 1980.

McClendon, M. J., & Pestello, F. P. White opposition: To busing or to desegregation. Social Science Quarterly, 1982, 63(1), 70-82.

McGhan, W. F., Rowland, C. R., & Bootman, J. L. Cost-benefit and cost-effectiveness methodologies for evaluating innovative pharmaceutical services. American Journal of Hospital Pharmacy, 1978, 35(2), 133-140.

McKenna, C. Quantitative methods for public decision making. New York: McGraw-Hill, 1980.

McNeil, B. et al. Cost effectiveness in hypertensive renovascular disease. New England Journal of Medicine, 1975, 293, 216.

- McNeil, B. J., Varady, P. D., Burrows, B. A., et al. Measures of clinical efficacy: Cost-effectiveness calculations in the diagnosis and treatment of hypertensive renovascular disease. New England Journal of Medicine, 1975, 293(5), 216-228.
- McNeil, B. J., & Eddy, D. M. The costs and effects of screening for cancer among asbestos-exposed workers. Journal of Chronic Disease, 1982, 35(5), 351-358.
- McPhail-Wilcox, B. An analysis of investment in teacher education: The Texas case, 1978-79. Journal of Education Finance, 1982, 7(4), 462-472.
- Mace, J. Educational media and economic analysis. Media in Education and Development, 1982, 15(2), 91-93.
- Macy, B. A., & Mirvis, P. H. Organizational change efforts: Methodologies for assessing organizational effectiveness and program costs versus benefits. Evaluation Review, 1982, 6(3), 301-372.
- Maidlow, S. T., & Berman, H. The economics of heroin treatment. American Journal of Public Health, 1972, 1397-1406.
- Marglin, S. A. The social rate of discount at the optimal rate of investment. Quarterly Journal of Economics, 1963, 77, 95-111.
- Marks, S., Greenlick, M., Hurtado, A., Johnson, J., & Henderson, J. Ambulatory Surgery in HMO: A study of costs, quality of care and satisfaction. Medical Care, 1980, 18, 127-146.
- Massachusetts Department of Public Health. Cost-benefit analysis of newborn screening for metabolic disorder. New England Journal of Medicine. 1974, 291, 1414-1416.
- Masse, B. When programs must be cut, use this plan to determine what goes and what stays. American School Board Journal, 1982, 169(10), 36-37.
- Massey, R. M. A cost analysis of a state-level, multi-option procedure for the acquisition of competency-based instructional materials. Paper presented at the Annual Meeting of the American Educational Research Association, New York, NY, March, 1982.
- May, P. R. A. Cost-efficiency of mental health care III: Treatment method as a parameter of cost in treatment of schizophrenia. American Journal of Public Health, 1971, 61, 127-129.
- May, P. R. A. Cost-efficiency of treatment for the schizophrenic patient. American Journal of Psychiatry, 1971, 127, 1382-1385.
- Meriz, F. D. Economics of disease prevention: Infectious kidney disease. Inquiry, 1971, 3-18.



Michels, R., & Reifler, C. B. Mental health services for students--Cost benefit and value. Journal of the American College Health Association, 1976, 24, 208-210.

Mishan, E. J. Evaluation of life and limb: A theoretical approach. Journal of Political Economy, 1971, 79(4), 687-705.

Mishan, E. J. Cost-benefit analysis. London: George Allen & Unwin, 1975.

Mishan, E. Cost-benefit analysis. New York: Praeger, 1976.

Mooney, Gavin. Breast cancer screening: A study in cost-effectiveness analysis. Social Science Medicine, 1982, 16, 1277-1283.

Moskowitz, M., & Fox, S. H. Cost analysis of aggressive breast cancer screening. Radiology, 1979, 130, 253-256.

Mushkin, S. J. Health as an investment. Journal of Political Economy, 1962, 70, 129-157.

Mushkin, S. J. Evaluation of health policies and actions. Social Science and Medicine, 1977, 11, 491-499.

Mushkin, S. J., & Collings, F. Economic costs of disease and injury. Public Health Reports, 1959, 74, 795-809.

Mushkin, S. J., & Dunlop, D. W. Health: What is it worth? Measures of health benefits. New York: Pergamon Press, 1979.

- N -

Nagel, Stuart S. Nonmonetary variables in benefit-cost evaluation. Evaluation Review, 1983, 7(1), 37-54.

Nelson, F., & Delbanco, T. L. Soft services: A major cost-effective component of primary medical care. Social Work in Health Care, 1976, Spring, 1, 297-308.

Neuhauser, D., & Lewicki, A. What do we gain from the sixth stool guaiac? New England Journal of Medicine, 1975, 293, 226.

Newman, F. L. Planning and cost outcome analysis in primary prevention: Preliminary thoughts toward system development, 1977. Unpublished manuscript available from author, 2001 Grace Lane, Flourtown, PA 19031.

Newman, F., Burwell, B. A. & Underhill, W. R. Program analysis using the client-oriented cost Outcome System. Evaluation and Program Planning, 1978, 1(1), 19-30.

NIDA. Management effectiveness measures for NIDA drug abuse treatment programs, Vol. 1; Cost benefit analysis, Vol 2; Cost to society of drug abuse, Washington, D.C.: Supt. of Documents, GPO, 1977.

NIMH. Accounting guidelines for mental health centers and related facilities. (DHEW Publication No. (HSM) 72-9137). Washington, D.C.: Superintendent of Documents, GPO, 1972.

NIMH. A client-oriented system of mental health service delivery and program management: A workbook and guide (DHEW Publication No. (ADM) 76-307). Washington, D.C.: Superintendent of Documents, GPO, 1976.

NIMH. A cost-effectiveness methodology for community mental health centers: Development and pilot test (DHHS Publication No. (ADM) 81-767, Series FN No. 3). Washington, D.C.: Superintendent of Documents, GPO, 1981.

NIMH. Cost finding and rate getting for community mental health centers (DHEW Pub. No. (ADM) 760291). Washington, D.C.: Superintendent of Documents, GPO, 1975.

Niskanen, W. A. Measurement of effectiveness. In T. A. Goldman (Ed.), Cost-effectiveness analysis. New York: Praeger, 1967.

Noble, J. H. The limits of cost-benefit analysis as a guide to priority-setting in rehabilitation. Evaluation Quarterly, 1977, 1, 347-480.

- O -

O'Donnell, J. The Chandler Street Center time/cost study. In Landsberg et al. (Eds.), Evaluation in Practice, DHEW Publication No. (ADM), 78-763, 1979.

Office of Technology Assessment. The implications of cost-effectiveness analysis of medical technology (Stock No. 052-003-0076507). Washington, D.C.: Superintendent of Documents, GPO, 1980.

- P -

Packer, A. H. Applying cost-effectiveness concepts to the community health system. Operations Research, 1968, 16, 227-253.

Page, E. B. Effects of higher education: Outcomes, values, or benefits. In S. C. Lewis and J. P. Taubman (Eds.), Does college matter? New York: Academic Press, 1973.

Pastorello, T. A cost-effectiveness model for geriatric care program alternatives evaluation. Paper presented at the 29th scientific meeting of the Gerontological Society, New York, October, 1976.

Pauker, S., & Kassirer, J. Therapeutic decision making: A cost-benefit analysis. New England Journal of Medicine, 1975, 293, 229.

Penner, D. W. Cost-effectiveness of the autopsy in maintaining and improving the standard of patient care. American Journal of Clinical Pathology, 1978, 69, 250-252.

Pezzot-Pearce, T. D., and others. Increasing cost-effectiveness in obesity treatment through use of self-help behavioral manuals and decreased therapist contact. Journal of Consulting and Clinical Psychology, 1982, 50(3), 448-449.

Pliskin, N., & Taylor, A. K. General principles: Cost-benefit and decision analysis. In J. Bunker, B. Barnes, and F. Mosteller (Eds.), Cost, risks and benefits of surgery, New York: Oxford University Press, 1977, 5-27.

Pogrow, S. Shifting policy analysis and formation from an effectiveness emphasis to a cost perspective. Educational Evaluation and Policy Analysis, 83, 5(1), 75-82.

Poister, T. H. Performance monitoring in the evaluation process. Evaluation Review, 1982, 6(5), 601-623.

Prest, A. R., & Turvey, R. Cost-benefit analysis: A survey. Economic Journal, 1965, 75, 683-705.

Psacharopoulos, G. The economics of early childhood education and day-care. International Review of Education, 1982, 28(1), 53-70.

Psacharopoulos, G. The economics of higher education in developing countries. Comparative Education Review, 1982, 26(2), 139-159.

- Q -

Quade, E. Introduction and overview. In T. Goldman (Ed.), Cost-effectiveness analysis. New York: Praeger, 1967, 1-16.

- R -

Rathbone-McCuan, E., Lohn, H., Levenson, J., & Hsu, J. Cost-effectiveness evaluation of the Levindale Adult Day Treatment Center. Baltimore: Levindale Geriatric Research Center, 1976.

Rehm, J. L. Formula measures cost-effectiveness of volunteer services programs. Hospitals, 1981, 55(5), 37-38.

Rice, D. P. Estimating the costs of illness. American Journal of Public Health, 1967, 57, 424-440.

Rice, D. P. Measurement and application of illness costs. Public Health Reports, 1969, 84, 95-101.

Rice, D., & Cooper, B. The economic value of human life. American Journal of Public Health, 57, 1954-1966.

Rizzuto, C. Mandatory continuing education: Cost versus benefit. Journal of Continuing Education in Nursing, 1982, 13(3), 37-43.

Rogers, P., Eaton, E., & Bruhn, J. Is health promotion cost effective? Preventive Medicine, 1981, 10, 324-339.

Romans, J. J. The economic evaluation of mental health programs. International Journal of Mental Health, 1973, 2, 38-50.

Rossmiller, R. A. Productivity and cost-effectiveness as financing criteria. In W. W. McMahon and T. G. Geske (Eds.), Financing education: Overcoming inefficiency and inequity. Champaign-Urbana: University of Illinois Press, 1982.

Rothenberg, J. Cost-benefit analysis: A methodological exposition. In M. Guttentag and E. L. Struening (Eds.), Handbook of evaluation research. SAGE Publications: Beverly Hills, CA, 1975, 2.

Rubin, J. Cost measurement and cost data in mental health settings. Hospital Community Psychiatry, 1982, 33(9), 750-754.

Ruchlin, H. S., Finkel, M. L., & McCarthy, E. G. The efficacy of second-opinion consultation programs: A cost-benefit perspective. Medical Care, 1982, 20(1), 3-20.

Ruchlin, H. S., & Morris, J. N. Cost-benefit analysis of an emergency alarm and response system: A case study of the long-term care program. Health Services Research, 1981, 16(1), 65-80.

Rundell, O. H., Jones, R. K., & Gregory, D. Practical benefit-cost analysis for alcoholism programs. Alcoholism, 1981, 5(4), 497-508.

- S -

Sabock, R. J., & Kowalski, P. How to analyze sports costs. Executive Educator, 1982, 4(5), 26-27.

Salinger, R. D., & Deming, B. S. Practical strategies for evaluating training. Training and Development Journal, 1982, 36(8), 20-26; 28-29.

Sassone, P., & Schaffer, W. Cost-benefit analysis: A handbook. New York: Academic, 1978.

Saxe, L. Public policy and psychotherapy: Can evaluative research play a role? New Directions for Program Evaluation, 1982, 14, 73-86.



- Saxe, L. The efficacy and cost effectiveness of psychotherapy (OTA-BP-H-9(18) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.
- Saxe, L., Dougherty, D., Esty, K., & Pine, M. The effectiveness and costs of alcoholism treatment (OTA-HCS-22 Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.
- Schalock, R. L., & Harper, R. S. Skill acquisition and client movement indices: Implementing cost-effectiveness analysis in rehabilitation programs. Evaluation and Program Planning, 1982, 5, 223-231.
- Scheffler, R. M. The economic evidence on prevention. In Healthy people: Background papers (DHEW (PHS) Pub. No. 79-55071A). Washington, D.C.: Superintendent of Documents, Government Printing Office, 1979, 439-455.
- Scheffler, R. M., & Delaney, M. Assessing selected respiratory therapy modalities: Trends and relative costs in the Washington, D. C. area (OTA-BP-H-9(12) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980..
- Scheffler, R. M., & Paringer, L. A. A review of the economic evidence on prevention. Medical Care, 1980, 18(5), 473-484.
- Scheffler, R. M., & Rovin, S. Periodontal disease: Assessing the effectiveness and costs of the Keyes technique (OTA-BP-H-9(5) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.
- Schelling, T. C. The life you save may be your own. In S. B. Chase (Ed.), Problems in public expenditure analysis. Washington, D. C.: The Brookings Institution, 1968, 127-162.
- Schoenbaum, S., Hyde, J., Bartoshesky, L., & Crampton, K. Benefit-cost analysis of rubella vaccination policy. New England Journal of Medicine, 1976, 294, 306-310.
- Schoenbaum, S., McNeil, B., & Kavet, J. The swine-influenza decision. New England Journal of Medicine, 1976, 294, 759-765.
- Schramm, C. Measuring the return on program costs: Evaluation of a multi-employer alcoholism treatment program. American Journal of Public Health, 1977, 67, 50-51.
- Schultz, G. P. Discounting in the evaluation of projects with time delayed benefits (Circular No. A-94, Office of Management and Budget). Washington, D.C. 1972, 3.
- Schweitzer, S. O. Cost effectiveness of early detection of disease. Health Services Research, 1974, 28-32.

- Schweitzer, S. O., & Scalzi, C. C. The cost effectiveness of bone marrow transplant therapy and its policy implications (OTA-BP-H-9(6) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.
- Shapiro, J., and others. Cost-effectiveness of individual versus group cognitive behavior therapy for problems of depression and anxiety in an HMO population. Journal of Clinical Psychology, 1982, 38(3), 674-677.
- Sharfstein, S. S., & Nafziger, J. C. Community care: Costs and benefits for the chronic patient. Hospital and Community Psychiatry, 1976, 27, 170-173.
- Shaughnessy, P. W. Methodological issues in per capita measurement in health care. Health Services Research, 1982, 17(1), 61-81.
- Sheinfeld, S., & Santiago, E. Unit of service cost analysis in outpatient services: Methodology and applications (Hahnemann Research and Evaluation Report No. 58). Philadelphia: Department of Mental Health Sciences, Hahnemann Medical College and Hospital, 1978.
- Shepard, D. S., & Thompson, M. S. First principles of cost-effectiveness analysis in health. Public Health Reports, 1979, 94, 535-543.
- Shortell, S. M., & Richardson, W. C. Health program evaluation. Mosby: St. Louis, MO, 1978.
- Showstack, J. A., & Schroeder, S. A. The cost effectiveness of upper gastrointestinal endoscopy (OTA-BP-H-9(8) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.
- Showstock, J., Schroeder, S. A., & Steinberg, H. Evaluating the costs and benefits of a diagnostic technology. Medical Care, 1981, 19, 498-509.
- Shugoll, M., & Helms, T. Cost-benefit analysis of vocational education: Problems and strategies. Journal of Vocational Education Research, 1982, 7(2), 31-43.
- Siegel, J. Strategies for resource allocation: A cost-benefit approach to program management. In Planning in mental health: Quantitative input and uses of information. A report on the 18th annual meeting of the Southern Regional Conference on Mental Health Statistics, New Orleans, October, 1976.
- Simmons, J. M. Fighting the budget battle with evidence: Cost-effectiveness, data-based decision making. Journal of Staff Development, 1982, 3(1), 118-146.
- Skellie, F. A., & Coan, R. E. Community-based long-term care and mortality: Preliminary findings of Georgia's Alternative Health Services Project. The Gerontologist, 1980, 20, 372-379.

Skellie, F. A., Mobley, G. M., & Coan, R. E. Cost-effectiveness of community-based long-term care: Current findings of Georgia's alternative health services project. American Journal of Public Health, 1982, 72(4), 353-358.

Smith, J. K. Case reports of Northwest Regional Educational Laboratory cost studies (Report No. 82 of the Research on Evaluation Program Paper and Report Series). Portland, OR: Northwest Regional Educational Laboratory, 1983.

Smith, J. K. Proceedings of the seminar "Cost Analysis in Educational Evaluation: Where to from Here" (Report No. 87 of the Research on Evaluation Program Paper and Report Series). Portland, OR: Northwest Regional Educational Laboratory, 1983.

Smith, K. R., Miller, M., & Golladay, F. L. An analysis of the optional of inputs in the production of medical services. Journal of American Resources, 1972, 7, 208-225.

Smith, M. C., & Hendrickson, L. S. Evaluating the cost of school health services: A case study. Educational Evaluation and Policy Analysis, 1982, 4, 527-534.

Smith, N. L. & Rutherford, W. L. An illustrative cost-effectiveness investigation of field-based teacher preparation courses (Report No. 85 of the Research on Evaluation Program Paper and Report Series). Portland, OR: Northwest Regional Educational Laboratory, 1983.

Smith, W. Cost-effectiveness and cost-benefit for public health programs. Public Health Reports, 1968, November, 899-906.

Sorensen, J. E., & Grove, H. D. Cost-outcome and cost-effectiveness analysis: Emerging nonprofit performance evaluation techniques. The Accounting Review, 1977, 52(3), 658-675.

Sorensen, J. E., & Grove, H. D. Using cost-outcome and cost-effectiveness analyses for improved program management and accountability. In Attkisson et al. (Eds.), Evaluation of human service programs. Academic Press, 1978.

Sorensen, J. E., & Phipps, D. W. Cost-finding and rate-setting for community mental health centers (NIMH Mental Health Statistics, Series C, No. 6). Rockville, Maryland, 1972.

Spencer, B. D. Feasibility of benefit-cost analysis of data programs. Evaluation Review, 1982, 6(5), 649-672.

Starfield, B., & Holtzmann, N. A. A comparison of effectiveness of screening for phenylketonuria in the United States, United Kingdom and Ireland. New England Medicine. 1975, 293, 118.

Stason, W. B., & Fortess, E. Cardiac radionuclide imaging and cost effectiveness (OTA-BP-H-9(13) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.



Stason, W. B., & Weinstein, M. C. Allocation of resources to manage hypertension. New England Journal of Medicine, 1977, 296, 732-739.

Steinberg, L. D., Greenberger, E., Garduque, L., & McAuliffe, S. High school students in the labor force: Some costs and benefits to schooling and learning. Educational Evaluation and Policy Analysis, 1982, 4(3), 363-372.

Steiner, K. C. A cost-benefit analysis of a possible screening program for the detection of phenylketenuria in the state of Mississippi. Masters thesis, University of Mississippi, 1969.

Steiner, K. C., & Smith, H. A. Application of cost benefit analysis to a PKU screening program. Inquiry, 1973, 10, 34-40.

Stoddart, Greg L. Economic evaluation methods and health policy. Evaluation and the Health Professions, 1982, 5(4), 393-414.

Sugden, R., & Williams, A. The principles of practical cost-benefit analysis. Oxford: Oxford University Press, 1978, 15-29.

Sullivan, C. F., & Smith, D. E. Cost-effectiveness of undergraduate programs in dietetics. Journal of American Dietetic Association, 1982, 80(6), 561-565.

Swint, J. M., & Nelson, W. B. Prospective evaluation of alcoholism rehabilitation efforts: The role of cost-benefit and cost-effectiveness analyses. Journal of Studies in Alcohol, 1977, 38(7), 1386-1404.

Szykula, S. A., & Fleishchman, M. J. Generating referrals to newly established programs: A cost effective comparison of two procedures. Community Mental Health Journal, 1980, 16(3), 201-204.

- T -

Templeman, D., and others. Cost effectiveness of the group home. Journal of the Association for the Severely Handicapped, 1982, 6(4), 11-16.

Terre, N. C., Warnke, D. W., & Ameiss, A. P. Cost-benefit analysis of public projects. Management Accounting, 1973, 54, 34-37.

Thompkins, R. K., Buttnes, D. C., & Cable, W. E. An analysis of the cost-effectiveness of pharyngitis management and acute rheumatic fever prevention. Annals of Internal Medicine, 1977, 86, 481-492.

Thompson, M. Benefit-cost analysis for program evaluation. Beverly Hills, CA: SAGE Publications, 1980.

Thompson, M. S., & Fortess, E. Cost-effectiveness analysis in health program evaluation. Evaluation Review, 1980, 4(4), 549-568.



Torrance, G. A generalized cost-effectiveness model for evaluation of health programs. Unpublished doctoral dissertation, State University of New York at Buffalo, 1971.

Torrance, G. W., Stoddart, G. L., Drummond, M. F., & Gafni, A. Cost-benefit analysis versus cost-effectiveness analysis for the evaluation of long-term care programs. Health Services Research, 1981, 16(4), 474-476.

Tuft, L., & Fakhouri, J. A model for comparative cost-effectiveness evaluation of two mental health partial care programs. Evaluation and Program Planning, 1979, 2, 33-40.

- U -

Urban, N., Bergner, L., & Eisenberg, M. The costs of a suburban paramedic program in reducing deaths due to cardiac arrest. Medical Care, 1981, 19, 379-392.

- V -

Vander Haeghen, P. Independent study courses can be very cost effective. The Journal: Technological Horizons in Education, 1981, 8(4), 52-59.

Van Pelt, A., & Levy, H. L. Cost-benefit analysis of new screening for metabolic disorders. New England Journal of Medicine, 1974, 291, 1414-1426.

Volker, C. B., & Deacon, R. E. Evaluation of benefits from research in home economics. Home Economics Research Journal, 1982, 10(4), 321-331.

- W -

Wagner, J. L. The feasibility of economic evaluation of diagnostic procedures: The case of CT scanning (OTA-BP-H-9(2) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.

Warner, K. E. The economic implications of preventive health care. Social Science Medicine, 1979, 13C, 227-237.

Warner, K., & Luce, B. Cost-benefit and cost-effectiveness analysis in health care: Principles, practice, and potential. Ann Arbor: Health Administration Press, in press.

- Warner, K. E., & Hutton, R. C. Cost-benefit and cost-effectiveness analysis in health care. Medical Care, 1980, 18(11), 1069-1084.
- Weiner, C., et al. What price chronic illness? Society, 1982, 19(2), 22-30.
- Weinrott, M., Jones, R. R., & Howard, J. R. Cost-effectiveness of teaching family programs for delinquents: Results of a national evaluation. Evaluation Review, 1982, 6(2), 173-201.
- Weinstein, L. M. Collecting Training Cost Data. Training and Development Journal, 1982, 36(8), 31-34.
- Weinstein, M. Economic evaluation of medical procedures and technologies: Progress, problems and prospects (DHEW Publication No PHS 79-3254). In J. Wagner (Ed.), Medical technology. Washington, D.C.: U. S. Government Printing Office, 1979, 52-68.
- Weinstein, M. C., & Pearlman, L. A. Cost effectiveness of automated multichannel chemistry analyzers (OTA-BP-H-9(4) Health Technology Case Study Series). Washington, D. C.: U. S. Government Printing Office, 1980.
- Weinstein, M. C., & Stason, W. B. Foundations of cost-effectiveness analysis for health and medical practices. New England Journal of Medicine, 1977, 296(13), 716-721.
- Weisbrod, B. A. Economics of public health: Measuring the economic impact of diseases. Philadelphia: University of Pennsylvania Press, 1961.
- Weisbrod, B. A. Income redistribution effects and benefit-cost analysis. In S. B. Chase (Ed.), Problems in public expenditure analysis. Washington, D. C.: Brookings, 1968, 177-209.
- Weisbrod, B. A. Costs and benefits of medical research: A case study of poliomyelitis. Journal of Political Economy, 1971, 79(3), 527-544.
- Weisbrod, B. A., Test, M. A., & Stein, L. I. Alternative to mental hospital treatment. II. Economic benefit-cost analysis. Archives of general psychiatry, 1980, 37(4), 400-405.
- Weissert, W., Wan, T., Livieratos, B., & Katz, S. Effects and costs of day-care services for the chronically ill. Medical Care, 1980, 18, 567-584.
- Weissert, W. G., Wan, T. T., Livieratos, B. B., & Pellegrino, J. Cost-effectiveness of homemaker services for the chronically ill. Inquiry, 1980, 17, 230-243.
- Wendler, C. L. W. Optimizing test selection using a cost analysis approach. Paper presented at the Annual Meeting of the American Educational Research Association, New York, NY, March, 1982.

Williams, A. Cost-benefit analysis: Bastard science? and/or insidious poison in the body politick? In J. N. Wolfe (Ed.), Cost benefit and cost effectiveness: Studies and analysis. London: George Allen & Unwin, 1973.

Wilson, A. L., et al. Development of a correspondence CME course for rural physicians. Journal of Medical Education, 1982, 57(8), 635-637.

Wolfe, J. N. Cost benefit and cost effectiveness: Studies and analysis. London: Allen & Unwin, 1973.

- Y -

Yarborough, N. P. Taking a look at cost effectiveness via faculty loads. Community and Junior College Journal, 1982, 52(5), 21-24.

Yates, B. T. A cost-effectiveness analysis of a residential treatment program for behaviorally disturbed children. In P. Mittler (Ed.), Research and practice in mental retardation. Baltimore: University Park Press, 1977, 1, 435-445.

Yates, B. T. Cost-effectiveness analysis: Using it for our own good. State Psychological Association Affairs Newsletter, 1977, 8, 6.

Yates, B. T. Improving the cost-effectiveness of obesity programs: Three basic strategies for reducing the cost per pound. International Journal of Obesity, 1978, 2, 249-266.

Yates, B. T. The theory and practice of cost-effectiveness, cost-benefit, and cost-utility analysis in behavioral medicine. In J. Ferguson and B. Taylor (Eds.), Advances in behavioral medicine. Englewood Cliffs, NJ: Spectrum, 1978.

Yates, B. T. Cost-outcome analysis of psychological service systems. Springfield, IL: Charles C. Thomas, 1979.

Yates, B. T. Three basic strategies for improving the cost-effectiveness of social services. In Landsberg et al. (Eds.), Evaluation in practice, 1979, 206-207.

Yates, B. T. Improving effectiveness and reducing costs in mental health. Springfield, Illinois: C. C. Thomas, 1980.

Yates, B. T. Haven, W. G., & Thoresen, C. E. Micro and macro cost-effectiveness analyses at Learning House: How much change for how much money? In J. S. Stumphanser (Ed.), Progress in behavior therapy with delinquents. Springfield, Ill.: Charles C. Thomas, 1979.

Yates, B. T., & Haven, W. A. 1115-statement ALGOLW computer program for calculation and display of cost-effectiveness indices. Stanford University, 1975.

Yates, B. T., Haven, W. G., & Thoresen, C. E. Cost-effectiveness analysis of a residential treatment center for disturbed preadolescents. In Landsberg et al. (Eds.), Evaluation in Practice, 1979, 204-205.

- 2 -

Zeckhauser, R. Procedures for valuing lives. Public Policy, 1975, 23, 419-464.

Zeckhauser, R., & Shepard, D. Where now for saving lives? Law and Contemporary Problems, 1976, 40, 5-45.

Zelman, W., Stone, A., & Davenport, B. Factors contributing to artifactual differences in reported mental health costs. Administration in Mental Health, 1982, 10(1), 40-52.

Zumeta, W. Doctoral programs and the labor market, or How should we respond to the "Ph.D. glut"? Higher Education, 1982, 11(3), 321-343.