

R E P O R T R E S U M E S

ED 017 060

24

EA 001 121

SELECTED BIBLIOGRAPHY OF JOURNAL ARTICLES ON EDUCATIONAL DATA PROCESSING.

BY- PIELE, PHILIP

OREGON UNIV., EUGENE

REPORT NUMBER BR-5-D217-1

PUB DATE AUG 67

CONTRACT OEC-4-10-163

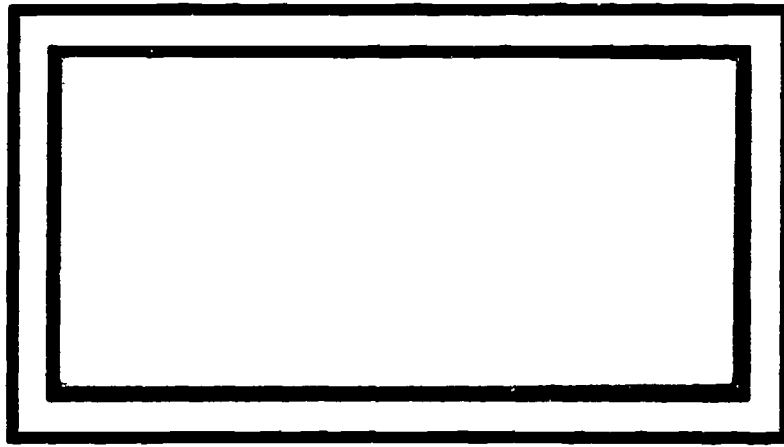
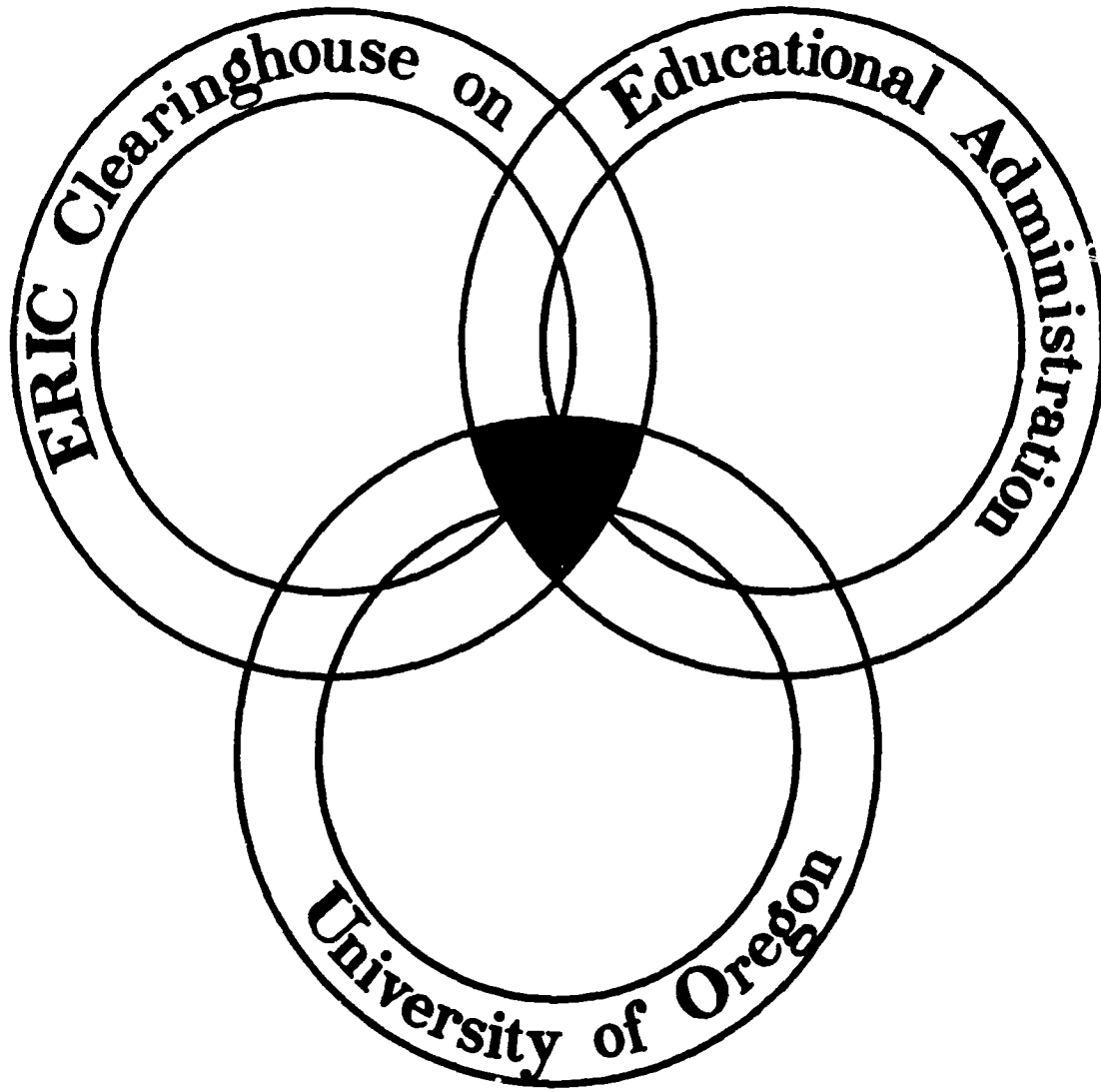
EDRS PRICE MF-\$0.25 HC-\$0.48 10P.

DESCRIPTORS- SCHEDULING, *BIBLIOGRAPHIES, *DATA PROCESSING, COMPUTERS, ADMISSION (SCHOOL), *INFORMATION PROCESSING, SCHOOL SYSTEMS, EDUCATIONAL FINANCE, *SYSTEMS APPROACH, AUDIOVISUAL INSTRUCTION, COMPUTER ASSISTED INSTRUCTION, BUDGETS, COSTS, *PERSONNEL DATA, TESTING PROGRAMS, PUBLIC SCHOOLS, AUTOMATION, EUGENE,

THIS DOCUMENT ALPHABETICALLY LISTS 145 JOURNAL ARTICLES ON EDUCATIONAL DATA PROCESSING PUBLISHED BETWEEN 1960 AND 1967. (HM)

EA 001 121

ED017060



**SELECTED BIBLIOGRAPHY
OF JOURNAL ARTICLES ON
EDUCATIONAL DATA PROCESSING**

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

SELECTED BIBLIOGRAPHY OF JOURNAL ARTICLES ON EDUCATIONAL DATA PROCESSING

by

ERIC Clearinghouse on Educational Administration
University of Oregon, Eugene, Oregon
Philip Piele, Acting Director

The preparation of this bibliography was financed under the provisions of a contract with the Bureau of Research, Office of Education, U. S. Department of Health, Education, and Welfare.

EDUCATIONAL DATA PROCESSING

A Selected Bibliography of Journal Articles

- Abbott, R. M., "Data Processing for the Beginner," Association of School Business Officials of the United States and Canada, Proceedings 50:303-309 (1964).
- Albright, O. E., "Electronic Data Processing Procedures Developed for Typical School Business Problems," Association of School Business Officials of the United States and Canada, Proceedings 48:111-116 (1962).
- Allen, D. W., and D. DeLay, "Stanford's Computer System Gives Scheduling Freedom to 26 Districts," The Nation's Schools 77:124-125 (March, 1966).
- Anderson, G. E., Jr., "Data Processing Practice - How to make Educational Data Processing Fail," The Nation's Schools 76:54 (December, 1965).
- Anderson, G. E., Jr., "Data Processing Practice - No One Is Sure Where New Data Are Taking Education," The Nation's Schools 77:90 (February, 1966).
- Anderson, G. E., Jr., "Data Processing Practice - People Shortages Hamper EDP Programs in Schools," The Nation's Schools 78:98 (February, 1967).
- Anderson, G. E., Jr., "Data Processing Practice - These Are the Trends to Watch in Data Processing," The Nation's Schools 78:101-103 (October, 1966).
- Anderson, G. E., Jr., "Data Processing Practice - What E.D.P. Can Do For Your District," The Nation's Schools 73:74 (February, 1964).
- Apple, G. D., "E.D.P. in Dallas," The Texas Outlook 48:38-39 (October, 1964).
- Aukes, L. E., "A New Dimension in Utilizing Data in Computerized Admission Systems," College and University 42:259-263 (1967).
- "Automation in the Central Office," Overview 3:31+ (January, 1962).
- Babigian, G. R., "What to Check Before You Buy E.D.P. Equipment," The Nation's Schools 78:72-73 (September, 1966).
- Beaton, A. E., Jr., "University Data Processing Centers," Harvard Educational Review 31: 244-249 (1961).
- "Better Processing of Educational Data," The American School Board Journal 143:40+ (September, 1961).
- Bidwell, C. M., "The Information Problem: Codes for Media," Audiovisual Instruction 12:325-328 (1967).
- Biggs, V. B., "E.D.P. Feeds Memphis System With Food Service Data," The Nation's Schools 77:120-121 (March, 1966).
- Blank, J. F., "Are We in Need of Automated Business Equipment," Association of School Business Officials of the United States and Canada, Proceedings 50:79-81 (1964).

- Bushnell, D. D., "Educational Data Processing and Public Education," Association of School Business Officials of the United States and Canada, Proceedings 49:266-278 (1963).
- Byrum, J. C., "Automation Techniques Applied to Audio-visual Film Library Operations," Association of School Business Officials of the United States and Canada, Proceedings 49:163-167 (1963).
- Cahow, C. R., "Computer Technology for Campus Administration," American School and University 39:36+ (October, 1966).
- Cantrell, E. J., "E.D.P. - Automation in Texas Schools," The Texas Outlook 48:34-35 (October, 1964).
- Christen, F. L., "New Tools for Film Libraries - An Overview," Audiovisual Instruction 12:312-313 (1967).
- Collins, A. L., "Data Processing Helps Ease the Load," Ohio Schools 42:21-22 (April, 1964).
- Colmey, J. W., "Automation: How much and how Soon for your District," The Nation's Schools 70:66-68 (October, 1962).
- "Computer Services for Schools," School and Society 91:274+ (1963).
- "Computer Strengthens Process of Collecting Educational Data," Minnesota Journal of Education 47:37 (April, 1967).
- "Computers Speed Your School Shop Inquiries," School Shop 26:58 (May, 1967).
- Cook, F. S., "Status of Data Processing in American Secondary Schools," The Balance Sheet 47:347-350 (1966).
- Counce, S., and R. E. Davis, "Data Processing in a Large School System," The Bulletin of the National Association of Secondary-School Principals 47:137-145 (February, 1963).
- Cox, R. A., "International Use of Computers for Media Control," Audiovisual Instruction 12:330 (1967).
- Crews, J. E., "E.D.P. in Waco," The Texas Outlook 48-34-35 (October, 1964).
- Crisler, R. D., and T. D. Wogaman, "Educational Data Processing at Richmond," Journal of Secondary Education 38:71-76 (February, 1963).
- Croghan, W. J., "Data Processing for a Booming Enrollment," Overview 2:64-66 (October, 1961).
- Cunningham, J. F., "Machine Data Processing," Overview 2:27-29 (October, 1961).
- Cuttitta, F., "Automatic Data Processing for the Schools," High Points 46:28-31 (November, 1964).
- Douglas, W. A., and D. C. Hirt, "Computer Sectioning at the University of Colorado," College and University 42: 264-276 (1967).

- Dunne, R. F. "More Than One Road to the Benefits of Educational Data Processing," The American School Board Journal 151:9-11 (October, 1965).
- Eboch, S. C., "Computerized Booking and Cataloging: Shadow and Substance," Audiovisual Instruction 12:322-324 (1967).
- "Educational Research via Computer," School and Society 91:328 (1963).
- "Education's Electronic Era," American School & University 39:23-26 (March, 1967).
- Fast, J. J., Jr., "The Inevitable Idea," Journal of Educational Data Processing 4:73-81 (1967).
- Ferguson, D. L., "Development and Implementation of Data Processing Services for Moderately-Sized School Districts," Association of School Business Officials of the United States and Canada, Proceedings 50:195-201 (1964).
- Fields, R. R., "The New Look in School Business Management Through Data Processing Technique," Association of School Business Officials of the United States and Canada, Proceedings 46:350-353 (1960).
- Fleiss, J. L., and R. L. Spitzer, "A Fortran IV Program for the Analysis of Demographic, Item, and Scale Data," Educational and Psychological Measurement 27:187-194 (1967).
- Flynt, R. C. M., "The Role of Data Processing," Higher Education 20:7-10 (November 1963).
- Fredericks, L. F., "Medium-Size District Automates Bids, Trims Staff Time 60 Per Cent," The Nation's Schools 76:42-43 (December, 1965).
- Freeman, J. P., "Starting a Program of Electronic Data Processing in a School System," Association of School Business Officials of the United States and Canada, Proceedings 48:95-104 (1962).
- Freeman, J. P., "Starting an E.D.P. Program in a School System," The American School Board Journal 146:34-35+ (February, 1963).
- Gates, R. D., "What has Been Done in Electronic Data Processing Systems in Florida," Association of School Business Officials of the United States and Canada, Proceedings 50:313-329 (1964).
- Goldberg, A. L., and R. J. Cymbala, "E.D.P. in Education," Audiovisual Instruction 12:349-352 (1967).
- Goldberg, A. L., "First Steps in the Systems Approach," Audiovisual Instruction 10:382-383 (1965).
- Goldstein, W., "The California Research and Development Project as it Pertains to Financial and Business Applications," Association of School Business Officials of the United States and Canada, Proceedings 52:270-273 (1966).
- Grossman, A., "Data Processing - An Answer to the Shackles of Paperwork and Decision Making," The Bulletin of the National Association of Secondary-School Principals 46:17-18 (April, 1962).

- Grossman, A., and R. Howe, "A Revolution in Record Keeping Through Electronic Data Processing," The Clearing House 37:455-459 (1963).
- Grossman, A., and R. L. Howe, "Advantages of the Regional Approach to Educational Data Processing," Journal of Secondary Education 41:115-119 (1966).
- Grossman, A., and R. L. Howe, Data Processing for Educators, Chicago: Educational Methods, Inc. 1965.
- Grossman, A., and R. L. Howe, "Data Processing - Friend or Foe? Part I," Journal of Secondary Education 39:104-108 (1964).
- Grossman, A., and R. L. Howe, "Data Processing - Friend or Foe? Part II," Journal of Secondary Education 39:179-182 (1964).
- Grossman, A., and R. L. Howe, "Data Processing - Friend or Foe? Part III," Journal of Secondary Education 39:205-207 (1964).
- Haas, F. H., "Machines - Master or Slave," Association of School Business Officials of the United States and Canada, Proceedings 50:82-87 (1964).
- Hankinson, G. P., "We Converted to Data Processing for \$10,584," The Nation's Schools 78:68-69 (September, 1966).
- Harnack, R. S., "Teacher Decision Making and Computer-Based Resource Units," Audiovisual Instruction 12:33-35 (1967).
- Hobson, J. W., "Electronic Data Processing in Junior College Business Management," Association of School Business Officials of the United States and Canada, Proceedings 51:126-129 (1965).
- Hodge, C., "EDUCOM," Audiovisual Instruction 12:352-355 (1967).
- Hogan, D. G., "Automation and Education," Association of School Business Officials of the United States and Canada, Proceedings 48:296-300 (1962).
- "How to Beat the College Transcript Rush," School Management 10:93-98 (November 1966)
- "How to Determine Your Need for Data Processing," School Management 7:58-60 (September, 1963).
- "How You Can Program School Bus Maintenance," School Management 9:103+ (May, 1965).
- Howe, R. L., "First Regional Data Processing Center," California Education 2:11-12 (January, 1965).
- Howe, R. L., "New Vistas in Data Processing," California Education 1:12 (November, 1963).
- Hull, L. E., D. A. McWhirter, and M. D. Scherer, "Predicting Course Enrollment," College and University, 38:276-281 (1963).
- Kaiser, D. E., "Data Processing in Illinois Public Schools," Illinois Education 54:355-357 (1966).
- Katzenbach, E. L., Jr., "Trouble Is Already Here," College and University 41:389-397 (1966).

- Kenny, J. B., "A Flow Chart Sequence for Computer Scheduling of High School Classes - From Registration to Grade Reporting," The Journal of Experimental Education 33:285-288 (1965).
- Knezevich, S. J., "The Administrator and EDP," NEA Journal 56:18-19 (February, 1967).
- Kornfeld, L. L., "Mechanization of Data Processing," The Education Digest 32:35-37 (January, 1967).
- Kristy, N. F., "Future of Educational Technology," Phi Delta Kappan 48:240-243 (1967).
- Kropp, R. P., "Technology in Instruction," Improving College and University Teaching 13:240-242 (1965).
- LaFleche, R., "County Computer Program Takes Tedium out of Testing," The Nation's Schools 76:50-51 (August, 1965).
- Larson, R. E., "Data Processing in Its Relation to Purchasing," Association of School Business Officials of the United States and Canada, Proceedings 48:439-441 (1962).
- Lemler, F. L., "Descriptive Cataloging," Audiovisual Instruction 12:328-330 (1967).
- McMurray, G. D., "Film Library Uses for the Computer," Audiovisual Instruction 12:314-320 (1967).
- Merz, A. F., "The Use of Data Processing Equipment for Educational Records," The Bulletin of the National Association of Secondary-School Principals 46:7-16 (April, 1962).
- Miller, A. R., "Score a Decisive Win for Data Processing," Pennsylvania School Journal 112:422-423 (1964).
- Miller, N., "E.D.P. in El Paso," The Texas Outlook 48:36-37 (October, 1964).
- Mundt, F. J. C., "Information Science: A New Day in Education," Audiovisual Instruction 9:409-410 (1964).
- Murphy, R. M., "Data Processing System for the Small High School," The Bulletin of the National Association of Secondary-School Principals 46:19-21 (April, 1962).
- Naughton, J. J., "The Order of Business - When Shall we Automate?" American School & University 39:30-31 (October, 1966).
- Newell, A. L., "Projecting Procurement needs in the Age of Automation," Association of School Business Officials of the United States and Canada, Proceedings 48:441-444 (1962).
- Nicholas, A. T., "E.D.P. in Corpus Christi," The Texas Outlook 48:38-39 (October, 1964).
- Oakford, R. V., "Machine Assistance for Constructing the High School Schedule: An Industrial Engineer's Report," Journal of Secondary Education 36:374-379 (1961).

- O'Connor, A. X., "Data Processing Is Within Your Means," School Management 7:51-54 (October, 1963).
- Orton, K. L., "School Budget Control - Inventory and Accounting Applications," Association of School Business Officials of the United States and Canada, Proceedings 51:87-92 (1965).
- Oxhandler, E. K., "An Information Transmission System for Educational Media," Audiovisual Instruction 12:331-333 (1967).
- Pederson, K. L., "Machines: Newest Answer to Keeping School Reports," Minnesota Journal of Education 12:14-15 (February, 1962).
- Personen, W., "Electronic Scheduling," Montana Education 42:25+ (April, 1966).
- Place, E. M., "Automation at Work," Association of School Business Officials of the United States and Canada, Proceedings 49:256-257 (1963).
- Quinly, W. J., "Computerized Cataloging," Audiovisual Instruction 12:321 (1967).
- Rapking, A., Jr., "The Use of Data Processing as a Tool for Management of Business Services," Association of School Business Officials of the United States and Canada, Proceedings 52:286-288 (1966).
- Reed, W. O., "The Data Fink," American Education 1:31-33 (June, 1965).
- Reener, D. L., "Moving Ahead With Student Accounting at Texas Tech," College and University 41:210-216 (1966).
- Ricketts, D. E., and M. J. Thompson, "Data Processing Makes Busing Cheaper, Safer," The Nation's Schools 77:82 (April, 1966).
- Ricketts, R. S., "What the Big Changes in Accounting Mean for Schools," The Nation's Schools 68:74-75 (October, 1961).
- Rolens, R. E., "Data Processing for Building Schedules and Student Registration," Journal of Secondary Education 39:68-72 (1964).
- Russell, D. E., "Data Processing, Challenging Ally," Wisconsin Journal of Education 99:25-26 (December, 1966).
- Russell, H. H., "Increasing Use of Computers in Education," Canadian Education and Research Digest 6:265-273 (1966).
- Saathoff, A. B., "A Field of Automation in School Accounting," Association of School Business Officials of the United States and Canada, Proceedings 46:345-350 (1960).
- Scamman, J. P., Jr., "Computer Speeds Data Flow: Midwestern States Project," Minnesota Journal of Education 47:15-16 (April, 1967).
- Schober, R. A., "Machine Financial Accounting," Association of School Business Officials of the United States and Canada, Proceedings 50:77-79 (1964).
- Shelton, L. O., "Scheduling the 'IBM' Way," The Clearing House 39:521-525 (1965).

- Shoemaker, P., "Business Administration and Automation," Association of School Business Officials of the United States and Canada, Proceedings 52:267-270 (1966).
- Shoemaker, P., "The Makings of an Ideal Business Office," American School & University 39:76-77 (May, 1967).
- Simpson, C., "Costs and Computer Sectioning," College and University 41:337-339 (1966).
- Sinks, T. A., "Data Processing in the Schools," The Clearing House 39:118-120 (1964)
- Smith A. E., "An Innovation in Attendance Processing," The Balance Sheet 48:164+ (1966).
- Smith, J. T., Jr., "Personnel Records, Pupil and Staff and Electronic Data Processing," Association of School Business Officials of the United States and Canada, Proceedings 48:105-111 (1962).
- Somwaru, J. P., "Data Processing: An Aid to the Instructional Program," Canadian Education and Research Digest 6:53-64 (March, 1966).
- Stodola, Q. C., "Data Processing Procedures to Improve Classroom Testing," Educational and Psychological Measurement 25:885-886 (1965).
- Stout, E. M., and I. Halfter, "Institutional Research and Automation," The Journal of Experimental Education 31:95-98 (1962).
- Sullivan, J. W., "Other Services for Electronic Data Processing to Schools," Association of School Business Officials of the United States and Canada, Proceedings 48:300-306 (1962).
- Taylor, G. N., "Problems and Solutions for Cooperative Data Processing Centers Among School Districts," Association of School Business Officials of the United States and Canada, Proceedings 50:309-312 (1964).
- Tidwell, K. W., "How Data Processing Can Aid the Instructional Program," Association of School Business Officials of the United States and Canada, Proceedings 52:279-286 (1966).
- "'Total Information Service' in Chicago Schools," School and Society 91:328 (1963).
- Townley, J. F., and M. Downs, "E.D.P. in Pharr-San Juan-Alamo," The Texas Outlook 48:36-37 (October, 1964).
- Tyndall, D. G., and G. A. Barnes, "Unit Costs of Instruction in Higher Education," The Journal of Experimental Education 31:114-118 (1962).
- Vivrette, L., "We Put Our AV Catalog on IBM," Audiovisual Instruction 7:302-303 (1962).
- Voges, B. H., "Services for Electronic Data Processing to Schools," Association of School Business Officials of the United States and Canada, Proceedings 48:287-295 (1962).
- Webb, W. O., and K. F. Jordon, "A Plan of Action for Data Automation," American School & University 38:37-39 (October, 1965).

- Weitz, R. E., "Computer Gives Milwaukee a \$400,000 Bonus," The Nation's Schools 78:70-71 (September, 1966).
- Welton, G., "Data Processing and the School Schedule: A Burroughs Approach," Journal of Secondary Education 36:382-384 (1961).
- "Westchester County, New York: Cooperative Cuts Costs," School Management 7:54+ (October, 1963).
- "What Computers Can Do for You," School Management 10:133-141 (September, 1966).
- "What Every Schoolman Should Know About Data Processing - Part I," School Management 6:59-68 (October, 1962).
- "What every Schoolman Should Know About Data Processing - Part II: Case Histories," School Management 6:79-92 (November, 1962).
- Whitlock, J., "Automatic Data Processing in Education," The High School Journal 48:268-275 (1964).
- Whitlock, J., "Educational Data Processing - Its Growth and Problems," Association of School Business Officials of the United States and Canada, Proceedings 50:201-207 (1964).
- Williams, P. J., "What Will Data Processing Do for My School or District?" Association of School Business Officials of the United States and Canada, Proceedings 51:218-221 (1965).
- Wogaman, T. D., "Educational Data Processing: Changes in the Schools," The American School Board Journal 152:15-17 (March, 1966).
- Wogaman, T. D., "Educational Data Processing: Its Reception in the Schools," The American School Board Journal 152:55-56 (February, 1966).
- Wogaman, T. D., "Educational Data Processing: Lessons Learned in Richman Project," The American School Board Journal 152:14-15 (April, 1966).
- Wogaman, T. D., "Study Shows New Data Processing Tips," The Nation's Schools 78:38 (December, 1966).
- Woodfin, C. A., "Planning and Implementing New Data Processing Installations," Association of School Business Officials of the United States and Canada, Proceedings 49:247-252 (1963).
- Wright, E., "Maintenance and Operations Uses for Data Processing," The American School Board Journal 154:21-23 (April, 1967).
- Wulff, B. H., "Data Processing for Student Scheduling: An IBM Approach," Journal of Secondary Education 36:380-381 (1961).
- Yates, F. H., Jr., "State Departments of Education and Data Processing," The American School Board Journal 145:14 (August, 1962).