

Appendix B.—Compendium of Bibliographic Data Bases for Medical Technology Assessment*

Data base/ subject	Producer	Online avail- ability (United States)	Content	Sources of references	Coverage (earliest dates available)	Updating (approximate)
AGRICOLA (formerly CAIN) Agriculture, animal and plant sciences	USDA	NLM BRS, DIALOG, SDC	Citations to literature of agriculture	Journals, monographs, government reports	international—1970 to date	12,000 per month
AVLINE(AudioVisuals onLine) Science and technology (life sciences)	NLM		Descriptions of over 8,000 audiovisual and nonprint health science teaching mate- rials		Primarily United States—within the last 10 years	200 records per month
BIOETHICSLINE Science and technology (life sciences) biblio- graphic	Georgetown Kennedy In- stitute/Center for Bioethics	NLM	Citations to the literature on numerous moral, ethical, and policy issues of con- cern to the medical community	60 indexes, 70 journals, other data bases Corresponds to "Bibliography of Bioethics "	international—1973 to date	450 per quarter
BIOSIS PREVIEWS Science and technology (life sciences) biblio- graphic	BIOSIS	BRS, IRS, DIALOG, SDC,	Citations worldwide literature of research in life sciences Original research reports, reviews of research, document- ation, and retrieval information	8,900 periodicals, books, monographs, conference proceedings, research com- munications, symposia are screened Corresponds to "Biological Abstracts (BA)" and "Biological Abstracts/ RRM "	international—1969 to date	14,000 records from BA every month, 11,000 records from "BA/RRM" per month
CA SEARCH; CASIA Science and technology (chemistry) biblio- graphic	Chemical Abstracts Ser- vice (CAS)	BRS, DIALOG, SDC	Citations to literature in chemistry Journal articles, monographs, conference pro- ceedings, technical reports, and patents	Merger of Chemical Abstracts Condensates (bibliographic information from the print- ed "Chemical Abstracts") and "CASIA (Chemical Abstracts Subjects Index Alert)"	International—1967 to date	40,000 records per month
CANCERLIT (formerly CANCERLINE) Science and technology (life sciences) biblio- graphic	National Cancer Institute, In- ternational Cancer Re- search Data Bank Program	NLM	Citations abstracts of literature on oncolo- gical epidemiology, pathology, treat- ment, and research	Primary literature, articles selected from over 3,500 journals, monographs, tech- nical reports, conference proceedings, and theses	International—I 963 to date	About 4,000 citations per month
CANCERPROJ (Cancer Research Projects) Science and technology (life sciences)	Current Cancer Research Pro- ject Analysis Center oper- ated by Smith- sonian Science Infor- mation Exchange (SSIE)	NLM	Summaries of ongoing and recently com- pleted cancer research U S Federal and non-Federal SSIE.		International—past 2 to 3 fiscal years	Quarterly, average size is 18,000 projects.
CHEMEX; CHEMLINE: CHEMNAME™ CHEMX Science and technology (chemistry) properties	Chemical Abstracts Ser- vice (CAS)	DIALOG, SDC, NLM	Chemical dictionaries based on CAS Regis- try Nomenclature File, nomenclature, synonyms, structural data, molecular formula, ring system Information			Vanes, from quar- terly to less fre- quently

* As of December 1981

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CHILD ABUSE AND NEGLECT Social sciences (biblio- graphic and referral)	Department of Health and Human Ser- vices, National Center of Child Abuse and Neglect	DIALOG	Citations and abstracts of materials def- inition, identification, prevention, and treatment of child abuse and neglect References to the literature audiovisual materials, excerpts of current laws listings of U.S. service programs	"Child Abuse and Neglect Research Projects and Publications, Child Abuse and Neglect Programs" and "Child Abuse and Neglect Audiovisual Materials "	United States-1965 to date.	Research projects, audiovisual mate- rials and legal citations, annually; literature, semi- annually
CLINPROT (Clinical Cancer Science and technology (life sciences)	Protocols) National Cancer Institute, International Cancer Re- search Data Bank Program (ICRDB)	NLM	Summaries of criminal investigations on new anticancer agents and treatment modalities.		International—1978 to date	Quarterly, several hundred records per year
CDI (Comprehensive Dissertation Index) Multidisciplinary	University Micro- films, Inc	BRS, DIALOG, SDC	Citations to all dissertations accepted for Ph. D at accredited U S and 210 for- eign institutions.	Corresponds to printed "Dissertation Ab- stracts international (DAI)" and "American Doctoral Dissertations (ADD)".	international—1961 to date.	3,000 "DAI" per month and 3,000 "ADD" per year
CPI (Conference Papers Index) Science and technology general	Cambridge Sci- entific Abstracts	DIALOG, SDC	Citations to papers presented at 800 sci- entific meetings.	Corresponds to printed "Conference Papers Index"	international—1973 to date	8,300 records per month
DRUGINFO and ALCOHOL Social sciences (biblio- graphic)	USE/ABUSE University of Minnesota, College of Pharmacy, Drug Infor- mation Ser- vice Center	BRS	Two files on alcohol and drug use/abuse citations to monographs, journals, con- ference papers, instructional guides, films on aspects of alcohol and drug use/abuse. Research in the area of chemical dependency.		u S. DRUGINFO, 1968 to date, ALCOHOL USE/ ABUSE, 1968 to 1979	Quarterly
ENVIROLINE Science and technology (environment)	Environment Information Center	DIALOG, SDC	Citations (and abstracts from 1975) topics related to environment	Corresponds to printed "Environmental Abstracts"	international—1971 to date.	700 per month
EPILEPSYLINE Science and technology (life sciences) biblio- graphic	National Insti- tutes of Health, Nat- ional Institute of Neurological and Communi- cative Dis- orders and Stroke	NLM	Citations and abstracts of the literature on epilepsy Covers basic sciences, sei- zures etiology, genetics, systemic changes related to seizures, diagnostic aids: psychology, sociology, and epide- miology.	Excerpta Medica publication, "Epilepsy Abstracts"	International—1945 to date	400 records per quarter

Data base/ subject	Producer	Online availability (United States)	Content	Sources of references	Coverage (earliest dates available)	Updating (approximate)
EXCERPTA MEDICA: EMBASE Science and technology (life sciences) bibliographic	Excerpta Medica	DIALOG	Citations and abstracts of worldwide biomedical literature on medicine and areas of biological sciences related to medicine, including clinical practice, research, and economic and management issues	References to articles from over 3,500 domestic and international journals. Corresponds to the 43 abstract journals and 2 printed indexes that comprise the printed "Excerpta Medica." Approximately 100,000 citations are added to the data base each year that do not appear in the printed publication	international—1969 to date	5000 records weekly
FOODS ADLIBRA Science and technology (food science) bibliographic	Kemp Information Services, Inc.	DIALOG	Citations and abstracts to the journal literature on food technology, nutritional and toxicological information		1974 to date	2,000 records per month
HEALTH INDEX INFO Health Statistics (bibliographic and referral)	NCHS, Clearinghouse on Health Indexes	NCHS	Citations to unpublished literature relating to measures of health status and quality of life. Journal articles, monographs, conference proceedings, and technical reports	Reports of ongoing research, technical reports, workshops, conference proceedings, and symposia as well as the MEDLINE data base, current contents, and selected periodicals	international—1973 to date	300 per quarter
HEALTH (Health Planning and Administration) Science and technology (life sciences) bibliographic	NLM	NLM, BRS	Topics relevant to the provision of health care services	3,000 Journals in MEDLINE, journals reviewed for "Hospital Literature Index, other monographs, technical reports. Forthcoming will include citations from CATLINE, "Health Planning Series" published by NTIS	international—1975 to date	2,000 records per month
HISTLINE Science and technology (life sciences) bibliographic	NLM	NLM	Citations to articles, books, conference proceedings and other literature on the history of medicine	The MEDLINE data base and "Current Catalog." Corresponds to NLM's annual "Bibliography of the History of Medicine."	International, some data from 1964	Quarterly
IPA (International Pharmaceutical Abstracts) Science and technology (pharmaceuticals) bibliographic	American Society of Hospital Pharmacists	DIALOG	Citations and abstracts of the literature on development and use of drugs and to clinical, practical, theoretical, scientific, economic, and ethical aspects of professional pharmaceutical practice,	Corresponds to the printed "International Pharmaceutical Abstracts."	international—1970 to date	About 1,200 records every 2 months
IRL LIFE SCIENCES COLLECTION Science and technology (life sciences) bibliographic	Information Retrieval, Ltd (IRL)	DIALOG	Citations and abstracts to worldwide life sciences literature	Corresponds to the 15 abstracting journals published by IRL	international—1978 to date	Monthly
LADB (Laboratory Animal Data Bank) Science and technology (life sciences) numeric	Battelle Columbus Laboratories, under contract to NLM	NLM	Numeric data base system contains comparative data on control animals used in biomedical research	Data are collected from Government agencies, independent laboratories, pharmaceutical manufacturers, universities, and animal producers	United States	Monthly

Data base/ subject	Producer	Online avail- ability (United States)	Content	Sources of references	Coverage (earliest dates available)	Updating (approximate)
MEDLINE (MEDLARS on Line) Science and technology (life sciences) biblio- graphic	NLM	BRS, NLM, DIALOG	Citations and sometimes abstracts of worldwide biomedical literature on research, clinical practice, adminis- tration, policy issues, and health care services	References to articles from 3,000 Journals published in the United States and 70 other countries, chapters and articles from selected monographs Author abstracts (from 1975) are available for some citations Corresponds to coverage of Printed "Index Medicus "	International, NLM, 1966 to date (cur- rent year and two preceding years are searchable online, earlier years are searched offline)	About 20,000 records per month
MEDOC Science and technology (life sciences) biblio- graphic	University of Utah, Spencer S Eccles Library	BRS	Citations to health-related U S Govern- ment documents medical and health sciences, Food and Drug Administra- tion, mental health, biomedical engi- neering. Safety, child development, juvenile delinquency, welfare, Medicare and Medicaid, aging, rehabilitation: alcoholism, ethnic groups, basic sci- ences, nutrition, veterinary medicine, behavioral sciences		United States—1976 to date	Quarterly
NIMH (National Institute of Mental Health) Science and technology (life sciences) biblio- graphic	National Insti- tute of Mental Health, Na- tional Clearing- house for Mental Health Information (NCMHI)	BRS, DIALOG	Citations and abstracts of the mental health literature, both the biomedical and social aspects	Materials are from 1,000 journals, books, technical reports, workshops, confer- ence proceedings, and symposia	international—1969 to date	About 3,500 records per month
NTIS (National Technical Information Service) Science and technology (general) includmg bio- logy (bibliographic)	National Technical Information Service	BRS, DIALOG, SDC	Citations, abstracts of technical reports U S and non-U S Government- sponsored research Announcements of computer-readable software data files. federally sponsored translations	'Government Reports Announcements and Index (GRA&I), " m part to the weekly "Abstract Newsletters " Over 750,000 citations	United States— 1964	2,600 records every 2 weeks
POLLUTION Science technology (environment)	Cambridge Sci- entific Abstracts	BRS, DIALOG	Citations and abstracts to worldwide litera- ture on pollution research	Corresponds to printed "Pollution.	international—1970 to date	1,400 records per 2 months
POPLINE Social sciences demo- graphics	Johns Hopkins University	NLM	Citations, most with abstracts to literature. on demography, contraception, fertility	Worldwide literature	international—1970 to date	Monthly
POPULATION BIBLIOGRAPHY Social sciences (demo- graphics and pop- ulation) bibliographic	University of North Carolina, Car- olina Pop- ulation Center	DIALOG	Literature on population research abortion, demography, family planning, fertility policy and research methodology Monographs, journals, technical reports, government documents, confer- ences, unpublished reports Socioeco- nomic as opposed to biomedical aspects	Worldwide literature	Primarily United States—1966 to date	800 records every 2 months

Data base/ subject	Producer	Online avail- ability (United States)		Sources of references	Coverage (earliest dates available)	Updating (approximate)
PRE-MED Science and technology (life sciences) biblio- graphic	BRS	BRS		Biomedical literature from the United States, Canada, Great Britain.	United States, Canada, Great Britain, most current 3 to 4 months	
PSYCHOLOGICAL ABSTRACTS; PSYCHABS; PSYCINFO Social sciences(psychology) bibliographic	American Psychological Association	BRS, DIALOG, SDC	Articles in 125 key medical journals "Abridged Index Medicus" appear within 10 days of the appearance of the journals in major health sciences, libraries, clinical medicine, nursing, and hospital administration. Citations and abstracts of journals, psychology, the behavioral sciences (human and animal).	1967 to 1979, corresponds to the printed "Psychological Abstracts." In 1980 the data base contains more references than the printed publication	International—1967 to date.	About 2,600 records per month.
RINGDOC Science and technology (pharmaceuticals) bibliographic	Derwent Publications, Ltd.	SDC	Citations to the worldwide journals on pharmaceuticals, chemical literature related to clinical medicine.	"RINGDOC Abstracts Journal."	International— to date	4,500 records per month.
RTECS (Registry of Toxic Effects of Chemical Substances) Science and technology (chemistry) properties	National Institute for Occupational Safety and Health (NIOSH)	NLM	75,000 toxicological of 40,000 chemicals	Corresponds to the printed and microfiche "RTECS" publication available from the U.S. Government Printing Office.		
SAFETY Science and technology (safety) bibliographic	Cambridge Scientific Abstracts	SDC	Citations and abstracts of journals, patents, dissertations, government reports, corporate research reports, conference proceedings, general, occupational, transportation, aviation, aerospace, environmental, ecological, medical safety.	Corresponds to the printed "Safety Science Abstracts Journal."	International—June 1975 to date.	3,000 records every 2 months.
SCISEARCH Science and technology (general)	Institute for Scientific Information	DIALOG, BRS	Citations to the worldwide literature wide range of scientific technological disciplines.	300 journals selected items from "Current Contents" publications. Corresponds to printed "Science Citation" Index.	International—1974 to date.	52,000 records per month.
SERLINE (SERIALS onLine) Science and technology (life sciences) bibliographic	NLM	NLM	Citations to approximately 30,000 serial titles, on order, in process, or currently received at NLM. One fifth of the records contain locator information.	Corresponds to the microfiche publication, "Health Sciences Serials."	International— to date.	Monthly.
SOCIAL SCISEARCH Social science and humanities	Institute for Scientific Information	BRS, DIALOG, SDC	Citations to 1,500 social science journals and 2,900 journals in related fields.	Corresponds to printed "Social Science Citation Index."	International— 972 to date.	11,700 records per month.

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SSIE: SSIE Current Research Multidisciplinary (general) including biomedical science		BPS, DIALOG, SDC	Descriptions, references to research in progress and recently completed research sponsored primarily by federal government. Basic and applied research: life, physical, social and behavioral, engineering sciences.		Primarily United States—1974 to date.	About 9,000 records per month.
TDB (Toxicology Data Bank) Science and technology (chemistry) proper- ties	NLM, Toxi- cology In- formation Program	NLM	Data on 1,700 substances of known or potential toxicity: nomenclature infor- mation, properties, pharmacological, toxicological, environmental and man- ufacturing information.	Extracted from the published literature reviewed by subject specialists.		200 new records (i.e., additional substances).
TOXLINE Science and technology (chemistry) biblio- graphic	NLM, Toxi- cology Infor- mation Pro- gram	NLM	Citations and abstracts to the worldwide literature in toxicology.	Comprises 11 subfiles on various aspects of toxic substances.	International. Some information from 1940; varies according to file.	About 8,000 records per month.
VETDOC (Veterinary Literature Documentation) Science and technology (animal science) biblio- graphic	Derwent Pub- lications Ltd.	SDC	Citations to the worldwide literature veterinary drugs, vaccines, toxicology.	Corresponds to 'VETDOC Abstracts Journals.'	International—1968 to date.	About 1,000 records per quarter.