

A QUANTITATIVE ANALYSIS OF THE JOURNAL
LITERATURE OF SPEECH PATHOLOGY AND AUDIOLOGY

by 1264

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Chapter I

Introduction

The purpose of this study was to gather information on journals publishing articles in the areas of deafness, speech, and hearing. The specific goals were to: 1) provide quantitative data on articles by specific subject categories, 2) determine which journals published articles frequently within the specific subject categories, and 3) determine the number of publications and relative journal rank, independent of subject category, within the areas of speech pathology and audiology. dsh Abstracts, Volumes 1 through 8, served as sources for the published articles. Journal articles published from 1964 through 1968 were used for this study.

Several hundred journals, including domestic and foreign publications, contain articles which are of interest to professionals in the fields of speech, hearing, and related areas. The number of new and current journals which publish articles related to these areas has increased to the extent that dsh Abstracts published 7,314 abstracts from 250 serial sources and books from 1964 through 1968. Even with the aid of this abstracting service, there is still a problem in ascertaining which journals disseminated a majority of the relevant information.

Studies have been conducted on this problem in other fields such as physics and nuclear science. Statistical information has been gathered on their journal literature. Examples of these studies may be found in Keenan and Atherton (1964), and

Vaden (1968). Keenan and Atherton (1964) coded 20,287 abstracts from the 1961 Physics Abstracts. This study considered information on four areas for each article: 1) journal, 2) language, 3) country, and 4) specific subject field. Supplemental information on the number of authors, type of abstract, and date of the original publication was also coded and analyzed. The other example of journal literature studies concerned the 1968 Nuclear Science Abstracts (Vaden, 1968). A total of 26,338 abstracts were ranked by country, journal, and number of abstracts in each journal. Holders of a collection of journals, such as libraries or training and research programs, may utilize studies such as these to assist in evaluating the adequacy of their journal holdings for a selected field.

Research of Kansas State University's Farrell Library's holdings in speech pathology and audiology indicated that of the 372 journals listed in dsh Abstracts, 171 were currently being subscribed to by the library (Flanagan, 1968). Questions arose as to the adequacy of the coverage for Kansas State University's Speech Pathology and Audiology Training Program. A review of the literature revealed that there were no published reports, similar to those of Keenan and Atherton (1964) and Vaden (1968), which identified journals that frequently published articles in the different subject areas of deafness, speech, and hearing. From this review it was observed that there were basically two sources of information on the contents of the journals: 1) the journal articles themselves, or 2) journal article abstracts.

Journal articles related to deafness, speech, and hearing are abstracted to a minor extent by abstracting services in related fields such as psychology and education. Examples of abstracting services associated with these fields are Psychological Abstracts and Education Abstracts. The abstracting service for the field of speech pathology and audiology is dsh Abstracts which is published by Deafness Speech and Hearing Publications, Incorporated. This is a joint publication of the American Speech and Hearing Association and Gallaudet College. dsh Abstracts' (1968) reported purpose was to bring to the attention of professional readers "... brief, noncritical summaries of literature published in all major languages and pertinent to deafness, speech, and hearing." dsh Abstracts also maintains exchange agreements with 22 other abstracting services which make several hundred other journals available to them.

It was decided, because of the adequacy of the journal coverage by dsh Abstracts, to utilize these journal article abstracts for this study. The alternative of utilizing the journal articles themselves was judged not to be feasible within the limitations of available resources. The methods of data presentation were congruent with the previously cited examples from physics and nuclear science.

Chapter II

Methods

Data Selection

The articles in dsh Abstracts, Volumes 1 through 8, were coded by journal year, subject category, and journal source (title). However, only information related to articles published during the last five years, 1964 through 1968, was used for the computer analysis. The total coded data are available on computer tape for subsequent research dealing with trends in research interests, and further analyses.

The 1964 through 1968 time period was arbitrarily chosen because: 1) a review of the literature indicated that current articles tended to cite recently published studies, and 2) journals which began publishing within the last five years would have relatively fewer articles abstracted when compared to older journals. Such a comparison could be misleading.

Atherton (1964) conducted a sampling study using the 1961 Physics Abstracts as a resource. The number of abstracts, number of journals, subject content, and language of the original article were coded for all abstracts. Two samples were then taken from the total data in which the first half of the articles, and every tenth article, were coded and compared for efficiency in analyzing the abstracts. The results indicated that much of the information was lost by using the sampling procedures. Atherton (1964, p. 147) concluded that, "... only a comprehensive study ..." could adequately analyze the data. Therefore, sampling

procedures were not used in this report on dsh Abstracts.

Data Coding

The data were coded on data sheets, then punched onto computer cards. Four types of information were coded for each abstract: 1) the year the journal article was published, 2) the dsh Abstracts subject category for that article, 3) the journal source of the article, and 4) the abstract number. Only the first three codes were punched onto the computer cards used in the data analysis. The abstract numbers were used only to maintain the proper article sequence during the data collection.

The years of article publications ranged from 1956 through 1968; resulting in year codes of 56 through 68. The subject categories were taken from the "Table of Contents" in the October, 1968 issue of dsh Abstracts. The table contained subject categories related to the normal processes and disorders of the areas of speech and hearing. The "General" articles were treated as a separate subject category resulting in a total of 35 subject categories. In numerical coding, the subject category range was from 1 through 35.

Discrepancies between the 1968 subject categories and some of the subject categories of preceeding years were reconciled by assigning an older category to a 1968 category which was judged to contain similar types of abstracts. Criterion for category similarities was established by reading each abstract in the older category. A decision was then made as to which one, of the 1968 subject categories, the discrepant subject category could be considered equivalent. By this process, all

of the abstracts in the older subject category were assigned the code number of an equivalent 1968 category. The 1968 subject categories and their equivalents were as follows:

Hearing

- Anatomy and Physiology
- Animal Research
- Instruments and Procedures
- Psycho-Acoustics
- Speech Discrimination (previously labelled Intelligibility)

Hearing Disorders

- Auditory Training
- Diagnosis and Appraisal
- Education
- Etiology and Pathology
- Hearing Aids
- Hearing Conservation
- Medical and Surgical Treatment
- Multiple Handicaps
- Psychological Factors
- Social and Legal Factors
- Speechreading (previously labelled Language and Communication)

Speech

- Anatomy and Physiology
- Communication Theory
- Instruments and Procedures (previously labelled Acoustics)
- Phonetics
- Semantics
- Speech and Language Development
- Voice

Speech Disorders

- Aphasia and Other Symbolic Disorders
- Articulation Disorders (previously labelled Articulation)
- Cerebral Palsy
- Cleft Lip and Palate
- Delayed Speech
- Diagnosis and Appraisal
- Emotionally-Based Disorders
- Laryngectomy
- Stuttering (previously labelled Fluency)
- Therapy
- Voice Disorders

General

Journal sources were coded from the 372 alphabetically arranged "Sources of Abstracts" in the October, 1968 issue of dsh Abstracts. The two additional source codes were 373, books; and 000, abstracts which were neither a journal nor a book, such as films and government reports. A journal source was also listed as 000 if it was not listed in the 1968 issue. A check was made to determine if the title had been changed so that no sources would be missed in the tally because of a title change. The New Serial Titles which listed most recent and past title changes was one of the resources used to determine if there had been any title changes. If no changes could be documented, a search was made of Kansas State University's Farrell Library for the older journal title. If the journals could be located they were checked for major and minor title changes. The journal source was coded under the 1968 source if the title change could be documented, otherwise, it was coded as 000 (no source available). The source code numbers ranged from 000 through 373.

A reliability check was conducted in order to determine the accuracy of the data collection and coding of the 14,005 articles in dsh Abstracts. A random sample of 50 abstracts was re-coded and checked for errors against the original data. An error was defined as a mistake in the year, subject category, or source codes of the original data collection for each of the 50 abstracts. There were no errors found in the original data as indicated by the reliability check.

Key Punching

After the data were collected, coded, and checked for reliability, a professional key punch operator punched and verified the coded information onto computer cards. Each computer card contained the codes for seven abstracts. These were coded by: 1) years, 2) subject categories, and 3) sources. In addition to these codes, a card identification number was also punched onto each card. The card identification number was used to retrieve abstracts for the key punching reliability check, and to identify cards with errors, which were found by the error check conducted by the computer program. The key punching reliability check used the same 50 random abstracts which were used in the original data collection reliability check. The key punch operator had no prior knowledge of which abstracts would be checked. The 50 random abstracts taken from the computer cards were checked against the original data for errors. Criterion for a key punch error was a mistake in the code number or column. No key punch errors were found in the reliability check. The computer error check found one key punch error in the range of a source code for an article published from 1964 through 1968.

The data on the computer cards were analyzed by the computer upon completion of the data collection, key punching, key punching verification, and respective reliability checks.

Computer Program

The IBM System/360 Model 50 Computer at Kansas State University was used to analyze the coded information on the input

data cards. The computer completed the program in three steps which were to: 1) read the program, 2) compile the program, and 3) execute the program and print out the results at different stages of program execution.

Development of the computer program was accomplished in increasingly complex steps. For instance, some of the first steps were to read the data cards, run an error check on the input data, and tally the abstracts by year, subject category, and source. The different stages of the program were run and debugged on simulated data with known output values. The manageable size of the simulated data facilitated hand calculations in order to determine if the computer program was analyzing the data as expected. The program was run and debugged until each stage of the output was correct, then a new stage was introduced. After the final debugging run produced correct output at all stages of program development, the final run was made with all of the data cards. Several error checks were built into the program for the debugging and final runs.

An echo check was made, and the card image printed out, for each of the input cards. The purpose of this check was to insure that the computer read all of the cards as intended.

Another error check was made on the range of each abstract code. Errors consisted of years greater than 68, subject category codes not within the 1 through 35 range, or sources not within the 000 through 373 range. There were 984 abstracts counted by the computer which did not have sources listed in the October, 1968

issue of dsh Abstracts, i.e. 000 source codes. An error in the range of any of the three codes for an abstract resulted in that abstract not being counted in the tally, and an error message printing out the card number which contained the error. The computer advanced to the next abstract after the error message was printed.

After the three codes for each abstract were read by the computer and passed the error check, the article was tallied into a three-dimensional vector array with dimensions corresponding to: a) years, 5; b) subject categories, 35; and c) sources, 373. Additional dimensions were used in the vector array to store results for manipulation later in the program. The abstracts from 1964 through 1968 were stored by year into the first five dimensions, respectively. Then the data from all five years was combined into the sixth dimension. Next, in the seventh dimension, 34 of the 35 subject categories were compressed into dsh Abstracts' five subject areas: 1) Hearing, 2) Hearing Disorders, 3) Speech, 4) Speech Disorders, and 5) General. Information from the sixth and seventh dimensions was analyzed, printed out, ranked, and printed out again at different stages of program execution.

Summarized results of major stages of analysis were checked for inconsistencies. For instance, the number of abstracts for each five year period had to equal the five year total, values in the subject areas had to equal the sums of the subject categories which were combined to make up these areas, and

percents had to sum up to 100 percent plus or minus the rounding factor. No inconsistencies were found in these checks.

Chapter III

Results

Quantitative data on the distribution of articles in the 34 subject categories in dsh Abstracts' areas of deafness, speech, and hearing are found in Table 1. The data provided information on the number and percent of abstracts as well as the number of journals which published articles in each of these categories.

Tables 2 through 35 lists journals which published articles frequently within each specific subject category (Hearing-Anatomy and Physiology, Animal Research, etc.) of deafness, speech, and hearing. The journals which published articles frequently within each of the 34 subject categories were listed in rank order. These tables also listed the number of articles in each journal and the cumulative totals. All articles in these tables were published from 1964 through 1968. Each table accounted for: 1) at least 50 percent of the published articles within the specific subject category and 2) journals which published five or more articles. Although, it was necessary in some cases to include journals which published less than five articles in order to reach the 50 percent point. Journals which contained the same number of articles within each table were assigned to the same rank, and were listed alphabetically.

Table 36 lists journals independent of specific subject category which had one or more articles abstracted in dsh Abstracts

(1964 through 1968), in relative rank order by the number and percent of abstracts tallied for each journal. Not all of the journals were included in Table 36 because there were 123 journals, listed as searched by dsh Abstracts, which did not have any articles abstracted.

Table 37 lists each of the journals (published from 1964 through 1968, which appeared in the October, 1968 issue of dsh Abstracts' "Sources of Abstracts") in alphabetical order by: 1) number of articles, 2) percent of articles, journal rank by number of articles, and 4) number and percent of all articles in the five subject areas of dsh Abstracts. The subject areas were: 1) Hearing, 2) Hearing Disorders, 3) Speech, 4) Speech Disorders, and 5) General. Each of the subject areas (with the exception of "General") consisted of articles combined from all of the subject categories which comprised that area. For example, the area of Hearing consisted of articles from Anatomy and Physiology, Animal Research, Instruments and Procedures, Psycho-Acoustics, and Speech Discrimination. See page 6 for complete lists of subject categories assigned to subject areas.

The journal titles in Tables 2 through 37 were presented in abbreviated form. Appendix A may be used to: 1) convert the abbreviated forms into the full journal titles, and 2) determine each journal's country of publication.

Tables 1 through 37 may be used to assist in estimating the adequacy of journal holdings in the areas of speech pathology and audiology. This may be accomplished by determining which

journals frequently publish articles in the subject areas and categories of deafness, speech, and hearing. Depending upon the needs of the user, these tables may be utilized to determine which journal subscriptions should be renewed; and, if any, which journal subscriptions should be ordered, cancelled, or back ordered.

Table 1
Subject Category Data Table*
1964-8

Subject Category**	No. of Abstracts	Percent of Abstracts	No. of Journals
Hearing			
Anatomy and Physiology	251	4.30	49
Animal Research	146	2.50	32
Instruments and Procedures	316	5.42	70
Psycho-Acoustics	597	10.24	64
Speech Discrimination	29	.50	17
Hearing Disorders			
Auditory Training	40	.69	28
Diagnosis and Appraisal	542	9.30	96
Education	407	6.98	43
Etiology and Pathology	553	9.49	80
Hearing Aids	214	3.67	45
Hearing Conservation	66	1.13	32
Medical and Surgical Treatment	384	6.59	56
Multiple Handicaps	29	.50	20
Psychological Factors	100	1.72	45
Social and Legal Factors	54	.93	23
Speechreading	39	.67	20
Speech			
Anatomy and Physiology	104	1.78	44
Communication Theory	138	2.37	38
Instruments and Procedures	134	2.30	45
Phonetics	113	1.94	30
Semantics	28	.48	16
Speech and Language Development	132	2.26	46
Voice	43	.74	27
Speech Disorders			
Aphasia and Other Symbolic Disorders	186	3.19	58
Articulation Disorders	57	.98	28
Cerebral Palsy	51	.87	20
Cleft Lip and Palate	164	2.81	33
Delayed Speech	36	.62	19
Diagnosis and Appraisal	122	2.09	65

*Books were not included.

**The categories used here were taken from the October, 1968 "Table of Contents" published in dsh Abstracts.

Table 1 (cont.)

Subject Category	No. of Abstracts	Percent Abstracts	No. of Journals
Emotionally-Based Disorders	24	.41	16
Laryngectomy	101	1.73	37
Stuttering	129	2.21	50
Therapy	80	1.37	44
Voice Disorders	155	2.66	39
General	266	4.56	96

Table 2
Hearing
Anatomy and Physiology

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	251	49
About half of recorded information	128	6

251 articles from 49 journals were in this section.

The following 14 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
152	J. acoust. Soc. Amer.	1	32	
40	Ann. Otol. Rhinol. Laryngol.	2	23	55
143	Int. Audiol.	3	21	76
6	Acta oto-laryngol.	4	19	95
229	Laryngoscope	4	19	114
189	J. Laryngol. Otol.	5	14	128/251
161	J. aud. Res.	6	11	139
44	Arch. Otolaryngol.	7	10	149
266	Otol. Fukuoka	8	8	157
371	Zh. vyssh. ner. Deiatel.	8	8	165
264	Otolaryngol. Polska	9	7	172
370	Zh. ush. nos. i gorl. bol.	10	6	178
175	J. Franc. ORL	11	5	183
327	Science	11	5	188

Table 3
Hearing
Animal Research

Explanation:	Number of <u>Abstracts</u>	Number of <u>Journals</u>
Total of recorded information	146	32
About half of recorded information	72	5

146 articles from 32 journals were in this section.

The following 11 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
161	J. aud. Res.	1	26	
152	J. acoust. Soc. Amer.	2	15	41
6	Acta oto-laryngol.	3	13	54
229	Laryngoscope	4	10	64
143	Int. Audiol.	5	8	72/146
189	J. Laryngol. Otol.	6	7	79
44	Arch. Otolaryngol.	7	6	85
170	J. exp. Anal. Behav.	7	6	91
217	J. speech hear. Res	8	5	96
279	Pract. ORL	8	5	101
327	Science	8	5	106

Table 4
Hearing
Instruments and Procedures

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	316	70
About half of recorded information	157	6

316 articles from 70 journals were in this section.

The following 14 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
152	J. acoust. Soc. Amer.	1	56	
161	J. aud. Res.	2	38	94
217	J. speech hear. Res.	3	30	124
44	Arch. Otolaryngol.	4	13	137
216	J. speech hear. Dis.	5	10	147
229	Laryngoscope	5	10	157/316
6	Acta oto-laryngol.	6	9	166
143	Int. Audiol.	6	9	175
14	Acustica	7	8	183
189	J. Laryngol. Otol.	8	6	189
40	Ann. Otol Rhinol. Laryngol.	9	5	194
351	Trans. Amer. Acad. Ophth- almol. Otolaryngol.	9	5	199
357	Valsalva	9	5	204
368	Z. Laryngol. Rhinol. Otol.	9	5	209

Table 5
Hearing
Psycho-Acoustics

Explanation:	Number of <u>Abstracts</u>	Number of <u>Journals</u>
Total of recorded information	597	64
About half of recorded information	298	2

597 articles from 64 journals were in this section.

The following 17 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
152	J. acoust. Soc. Amer.	1	248	
217	J. speech hear. Res.	2	50	298/597
294	Psychon. Sci.	3	47	345
274	Percept. motor Skills	4	37	382
161	J. aud. Res.	5	29	411
14	Acustica	6	20	431
143	Int. Audiol.	7	19	450
174	J. exp. Psychol.	8	11	461
6	Acta oto-laryngol.	9	10	471
327	Science	10	9	480
357	Valsalva	11	8	488
82	Child Developm.	12	7	495
296	Quart. J. exp. Psychol.	13	6	501
28	Amer. J. Psychol.	14	5	506
77	Canad. J. Psychol.	14	5	511
112	EEG clin. Neurophysiol.	14	5	516
264	Otolaryngol. Polska	14	5	521

Table 6
Hearing
Speech Discrimination

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	29	17
About half of recorded information	16	5

29 articles from 17 journals were in this section.

The following 6 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
152	J. acoust. Soc. Amer.	1	4	
228	Lang. Speech	1	4	8
161	J. aud. Res.	2	3	11
165	J. commun. Dis.	2	3	14
217	J. speech hear. Res.	3	2	16/29
276	Phonetica	3	2	18

Table 7

Hearing Disorders
Auditory Training

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	40	28
About half of recorded information	20	8

40 articles from 28 journals were in this section.

The following 8 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
368	Z. Laryngol. Rhinol. Otol.	1	4	
138	Het Gehoorges. Kind	2	3	7
362	Volta Rev.	2	3	10
73	Bull. Information	3	2	12
175	J. Franc. ORL	3	2	14
189	J. Laryngol. Otol.	3	2	16
319	Rev. Ouie	3	2	18
341	Teacher Deaf	3	2	20/40

Table 8
Hearing Disorders
Diagnosis and Appraisal

Explanation:	Number of <u>Abstracts</u>	Number of <u>Journals</u>
Total of recorded information	542	96
About half of recorded information	274	10

542 articles from 96 journals were in this section.

The following 27 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
143	Int. Audiol.	1	56	
216	J. speech hear. Dis.	2	48	104
44	Arch. Otolaryngol.	3	33	137
229	Laryngoscope	4	25	162
161	J. aud. Res.	5	24	186
6	Acta oto-laryngol.	6	21	207
368	Z. Laryngol. Rhinol. Otol.	7	20	227
175	J. Franc. ORL	8	18	245
217	J. speech hear. Res.	9	15	260
121	EENT Mon.	10	14	274/542
361	Voix Silence	11	13	287
40	Ann. Otol. Rhinol. Laryngol.	12	12	299
23	Amer. J. ment. Defic.	13	11	310
243	Montsch. Ohrenheil.	13	11	321
264	Otolaryngol. Polska	14	10	331
189	J. Laryngol. Otol.	15	9	340
246	Nat. Hear. Aid J.	15	9	349
279	Pract. ORL	15	9	358
362	Volta Rev.	16	8	366
370	Zh. ush. nos. i gorl. bol.	16	8	374
7	Acta ORL Belg.	17	6	380
138	Het Gehoorges. Kind	17	6	386
160	J. audiol. Tech.	17	6	392
351	Trans. Amer. Acad. Ophth- almol. Otolaryngol.	17	6	398

Table 8 (cont.)

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
46	Arch. Ital. Laringol.	18	5	403
152	J. acoust. Soc. Amer.	18	5	408
273	Pract. Otol. Kyoto	18	5	413

Table 9
Hearing Disorders
Education

Explanation:	Number of <u>Abstracts</u>	Number of <u>Journals</u>
Total of recorded information	407	43
About half of recorded information	223	4

407 articles from 43 journals were in this section.

The following 18 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
341	Teacher Deaf	1	68	
361	Voix Silence	2	67	135
362	Volta Rev.	3	51	186
16	Amer. Ann. Deaf	4	37	223/407
138	Het Gehoorges. Kind	5	21	244
143	Int. Audiol.	6	18	262
247	Neue Bl. Taubst.	7	16	278
34	Ami Sourds	8	14	292
140	Horgeschadigte Kinder	9	11	303
337	Spestial. Shkola	10	10	313
73	Bull. Information	11	9	322
19	Amer. Educ.	12	7	329
111	Effeta	12	7	336
302	Rehab. Rec.	12	7	343
55	Austral. Teacher Deaf	13	6	349
217	J. speech hear. Res.	13	6	355
52	Audecibel	14	5	360
119	Except. Child.	14	5	365

Table 10

Hearing Disorders
Etiology and Pathology

Explanation:	Number of Abstracts	Number of Journals
Total of recorded information	553	80
About half of recorded information	286	10

553 articles from 80 journals were in this section.

The following 33 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
44	Arch. Otolaryngol.	1	47	
189	J. Laryngol. Otol.	2	44	91
175	J. Franc. ORL	3	33	124
229	Laryngoscope	3	33	157
368	Z. Laryngol. Rhinol. Otol.	4	30	187
40	Ann. Otol. Rhinol. Laryngol.	5	26	213
6	Acta oto-laryngol.	6	22	235
143	Int. Audiol.	6	22	257
46	Arch. Ital. Laringol.	7	15	272
357	Valsalva	8	14	286/553
60	Bol. Mal. Or. Gola Naso	9	13	299
81	Ceskoslov. Otolaryngol.	10	12	311
264	Otolaryngol. Polska	11	11	322
7	Acta ORL Belg.	12	10	332
202	J. Pediat.	12	10	342
266	Otol. Fukuoka	12	10	352
70	Brit. med. J.	13	8	360
152	J. acoust. Soc. Amer.	13	8	368
157	J. Amer. med. Ass.	13	8	376
351	Trans. Amer. Acad. Ophth- almol. Otolaryngol.	13	8	384
370	Zh. ush. nos. i gorl. bol.	13	8	392
47	Arch. Ital. ORL	14	7	399
127	Ful-orr-gegegyogy	14	7	406
216	J. speech hear. Dis.	14	7	413
270	Pediatrics	14	7	420

Table 10 (cont.)

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
279	Pract. ORL	14	7	427
243	Montssch. Ohrenheil.	15	6	433
268	ORL Ruman.	15	6	439
323	Riv. Oto-Neuro-Oftalmol.	15	6	445
361	Voix Silence	15	6	451
39	Ann. Laringol. Otol. Rinol. Faringol.	16	5	456
73	Bull. Information	16	5	461
225	Lancet	16	5	466

Table 11

Hearing Disorders
Hearing Aids

Explanation:	Number of <u>Abstracts</u>	Number of <u>Journals</u>
Total of recorded information	214	45
About half of recorded information	112	5

214 articles from 45 journals were in this section.

The following 13 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
246	Nat. Hear. Aid J.	1	55	
143	Int. Audiol.	2	17	72
52	Audcibel	3	16	88
160	J. audiol. Tech.	4	13	101
217	J. speech hear. Res.	5	11	112/214
7	Acta ORL Belg.	6	8	120
121	EENT Mon.	6	8	128
216	J. speech hear. Dis.	7	7	135
44	Arch. Otolaryngol.	8	6	141
136	Hear. speech News	8	6	147
134	Hear. Dealer	9	5	152
175	J. Franc. ORL	9	5	157
362	Volta Rev.	9	5	162

Table 12

Hearing Disorders
Hearing Conservation

Explanation:	Number of <u>Abstracts</u>	Number of <u>Journals</u>
Total of recorded information	66	32
About half of recorded information	34	7

66 articles from 32 journals were in this section.

The following 14 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
143	Int. Audiol.	1	16	
20	Amer. Industr. Hyg. Ass. J.	2	7	23
44	Arch. Otolaryngol.	3	3	26
52	Auddecibel	4	2	28
92	Clin. Pediat.	4	2	30
136	Hear. speech News	4	2	32
152	J. acoust. Soc. Amer.	4	2	34/66
157	J. Amer. med. Ass.	4	2	36
216	J. speech hear. Dis.	4	2	38
243	Montssch. Ohrenheil.	4	2	40
246	Nat. Hear. Aid J.	4	2	42
284	Proc. Roy. Soc. Med.	4	2	44
319	Rev. Ouie	4	2	46
368	Z. Laryngol. Rhinol. Otol.	4	2	48

Table 13
Hearing Disorders
Medical and Surgical Treatment

Explanation:	Number of <u>Abstracts</u>	Number of <u>Journals</u>
Total of recorded information	384	56
About half of recorded information	199	9

384 articles from 49 journals were in this section.

The following 23 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
229	Laryngoscope	1	31	
44	Arch. Otolaryngol.	2	29	60
175	J. Franc. ORL	3	25	85
81	Ceskoslov. Otolaryngol.	4	23	108
368	Z. Laryngol. Rhinol. Otol.	4	23	131
127	Ful-orr-gegegyogy	5	18	149
189	J. Laryngol. Otol.	5	18	167
370	Zh. ush. nos. i gorl. bol.	6	17	184
278	Pract. Otol. Kyoto	7	15	199/384
9	Acta ORL Espan.	8	13	212
143	Int. Audiol.	8	13	225
266	Otol. Fukuoka	8	13	238
6	Acta oto-laryngol.	9	12	250
243	Montssch. Ohrenheil.	9	12	262
7	Acta ORL Belg.	10	9	271
40	Ann. Otol. Rhinol. Laryngol.	11	7	278
60	Bol. Mal. Or. Gola Naso	11	7	285
121	EENT Mon.	11	7	292
264	Otolaryngol. Polska	11	7	299
279	Pract. ORL	11	7	306
265	Otolaryngol.	12	6	312
351	Trans. Amer. Acad. Ophth- almol. Otolaryngol.	12	6	318
357	Valsalva	13	5	323

Table 14

Hearing Disorders
Multiple Handicaps

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	29	20
About half of recorded information	14	5

26 articles from 20 journals were in this section.

The following 5 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
237	Ment. Retard.	1	4	
362	Volta Rev.	1	4	8
21	Amer. J. Dis. Child.	2	2	10
109	Educ. Train. ment.			
	Retarded	2	2	12
341	Teacher Deaf	2	2	14/29

Table 15
Hearing Disorders
Psychological Factors

Explanation:	Number of Abstracts	Number of Journals
Total of recorded information	100	45
About half of recorded information	51	11

100 articles from 45 journals were in this section.

The following 14 journals contributed 3 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
32	Child Developm.	1	10	
16	Amer. Ann. Deaf	2	5	15
274	Percept. motor Skills	2	5	20
361	Voix Silence	2	5	25
52	Audcibel	3	4	29
111	Effeta	3	4	33
136	Hear. speech News	3	4	37
161	J. aud. Res.	3	4	41
211	J. Rehab. Deaf	3	4	45
138	Het Gehoorges. Kind	4	3	48
151	J. abnorm. Psychol.	4	3	51/100
302	Rehab. Rec.	4	3	54
341	Teacher Deaf	4	3	57
362	Volta Rev.	4	3	60

Table 16

Hearing Disorders
Social and Legal Factors

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	54	23
About half of recorded information	26	5

54 articles from 23 journals were in this section.

The following 7 journals contributed 3 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
361	Voix Silence	1	10	
302	Rehab. Rec.	2	6	16
362	Volta Rev.	3	4	20
34	Ami Sourds	4	3	23
136	Hear. Speech News	4	3	26/54
143	Int. Audiol.	4	3	29
247	Neue Bl. Taubst.	4	3	32

Table 17

Hearing Disorders
Speechreading

Explanation:	Number of <u>Abstracts</u>	Number of <u>Journals</u>
Total of recorded information	39	20
About half of recorded information	20	4

39 articles from 20 journals were in this section.

The following 4 journals contributed 3 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
362	Volta Rev.	1	8	
16	Amer. Ann. Deaf	2	6	14
151	J. abnorm. Psychol.	3	3	17
217	J. speech hear. Res.	3	3	20/39

Table 18

Speech
Anatomy and Physiology

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	104	44
About half of recorded information	52	9

104 articles from 44 journals were in this section.

The following 12 journals contributed 3 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
217	J. speech hear. Res.	1	9	
368	Z. Laryngol. Rhinol. Otol.	1	9	18
6	Acta oto-laryngol.	2	7	25
229	Laryngoscope	3	6	31
357	Valsalva	3	6	37
44	Arch. Otolaryngol.	4	4	41
125	Folia phoniatic.	4	4	45
264	Otolaryngol. Polska	4	4	49
38	Ann. Fac. Med. Chirurg.	5	3	52/104
40	Ann. Otol. Rhinol. Laryngol.	5	3	55
87	Cleft Palate J.	5	3	58
175	J. Franc. ORL	5	3	61

Table 19
Speech
Communication Theory

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	138	38
About half of recorded information	72	5

138 articles from 38 journals were in this section.

The following 6 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
228	Lang. Speech	1	33	
221	J. verb. Learn. verb. Behav.	2	17	50
327	Science	3	10	60
28	Amer. J. Psychol.	4	6	66
82	Child Developm.	4	6	72/138
274	Percept. motor Skills	5	5	77

Table 20

Speech
Instruments and Procedures

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	134	45
About half of recorded information	65	4

134 articles from 45 journals were in this section.

The following 5 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
152	J. acoust. Soc. Amer.	1	28	
217	J. speech hear. Res.	2	15	43
228	Lang. Speech	3	12	55
87	Cleft Palate J.	4	10	65/134
335	Speech Monogr.	5	5	70

Table 21

Speech
Phonetics

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	113	30
About half of recorded information	55	2

113 articles from 30 journals were in this section.

The following 5 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
276	Phonetica	1	29	
152	J. acoust. Soc. Amer.	2	26	55/113
228	Lang. Speech	3	11	66
217	J. speech hear. Res.	4	8	74
14	Acustica	5	4	78

Table 22

Speech
Semantics

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	28	16
About half of recorded information	15	5

28 articles from 16 journals were in this section.

The following 8 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
25-	Psychon. Sci.	1	6	
221	J. verb. Learn. verb. Behav.	2	3	9
28	Amer. J. Psychol.	3	2	11
63	Brit. J. Psychol.	3	2	13
178	J. gen. Psychol.	3	2	15/28
217	J. speech hear. Res.	3	2	17
274	Percept. motor Skills	3	2	19

Table 23

Speech
Speech and Language Development

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	132	46
About half of recorded information	68	6

132 articles from 46 journals were in this section.

The following 7 journals contributed 4 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
82	Child Developm.	1	37	
217	J. speech hear. Res.	2	8	45
228	Lang. Speech	3	7	52
274	Percept. motor Skills	3	7	59
298	Reeduc. orthophon.	4	5	64
24	Amer. J. Orthopsychiat.	5	4	68/132
168	J. educ. Psychol.	5	4	72

Table 24

Speech
Voice

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	43	27
About half of recorded information	23	7

43 articles from 27 journals were in this section.

The following 7 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
125	Folia phoniat.	1	6	
217	J. speech hear. Res.	2	5	11
175	J. Franc. ORL	3	4	15
7	Acta ORL Belg.	4	2	17
151	J. abnorm. Psychol.	4	2	19
152	J. acoust. Soc. Amer.	4	2	21
335	Speech Monogr.	4	2	23/43

Table 25

Speech Disorders
Aphasia and Other Symbolic Disorders

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	186	58
About half of recorded information	95	9

186 articles from 58 journals were in this section.

The following 9 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
217	J. speech hear. Res.	1	20	
99	Cortex	2	18	38
216	J. speech hear. Dis.	3	12	50
62	Brain	4	11	61
274	Percept. motor Skills	5	9	70
70	Brit. med. J.	6	7	77
248	Neurology	6	7	84
298	Reeduc. orthophon.	7	6	90
363	Vop. Psikhol.	8	5	95/186

Table 26

Speech Disorders
Articulation Disorders

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	57	28
About half of recorded information	29	5

57 articles from 28 journals were in this section.

The following 11 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
216	J. speech hear. Dis.	1	15	
217	J. speech hear. Res.	2	6	21
335	Speech Monogr.	3	3	24
36	Angle orthodont.	3	3	27
80	Cerebral Palsy J.	4	2	29/57
114	Elem. sch. J.	4	2	31
165	J. commun. Dis.	4	2	33
175	J. Franc. ORL	4	2	35
228	Lang. Speech	4	2	37
243	Montssch. Ohrenheil.	4	2	39
298	Reeduc. orthophon.	4	2	41

Table 27

Speech Disorders
Cerebral Palsy

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	51	20
About half of recorded information	27	2

51 articles from 20 journals were in this section.

The following 8 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
80	Cerebral Palsy J.	1	19	
105	Developm. Med. child Neurol.	2	8	27/51
92	Clin. Pediat.	3	2	29
157	J. Amer. med. Ass.	3	2	31
216	J. speech hear. Dis.	3	2	33
217	J. speech hear. Res.	3	2	35
267	ORL Ital.	3	2	37
333	Spec. Educ.	3	2	39

Table 28

Speech Disorders
Cleft Lip and Palate

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	164	33
About half of recorded information	88	1

164 articles from 33 journals were in this section.

The following 5 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
87	Cleft Palate J.	1	88	88/164
207	J. prosthet. Dent.	2	7	95
216	J. speech hear. Dis.	2	7	102
225	Lancet	3	6	108
51	ASHA Rep.	4	5	113

Table 29

Speech Disorders
Delayed Speech

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	36	19
About half of recorded information	19	5

36 articles from 19 journals were in this section.

The following 8 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
23	Amer. J. ment. Defic.	1	8	
216	J. speech hear. Dis.	2	4	12
165	J. commun. Dis.	3	3	15
65	Brit. J. Dis. Commun.	4	2	17
125	Folia phoniatic.	4	2	19/36
270	Pediatrics	4	2	21
274	Percept. motor Skills	4	2	23
298	Reeduc. orthophon.	4	2	25

Table 30

Speech Disorders
Diagnosis and Appraisal

Explanation:	Number of <u>Abstracts</u>	Number of <u>Journals</u>
Total of recorded information	122	65
About half of recorded information	61	16

122 articles from 65 journals were in this section.

The following 28 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
216	J. speech hear. Dis	1	10	
217	J. speech hear. Res.	1	10	20
121	EENT Mon.	2	5	25
264	Otolaryngol. Polska	2	5	30
80	Cerebral Palsy J.	3	4	34
23	Amer. J. ment. Defic.	4	3	37
60	BoL. Mal. Or. Gola Naso	4	3	40
99	Cortex	4	3	43
357	Valsalva	4	3	46
368	Z. Laryngol. Rhinol. Otol.	4	3	49
24	Amer. J. Orthopsychiat.	5	2	51
27	Amer. J. Psychiat.	5	2	53
44	Arch. Otolaryngol.	5	2	55
70	Brit. med. J.	5	2	57
75	Bull. Menniger Clin.	5	2	59
92	Clin. Pediat.	5	2	61/122
114	Elem. sch. J.	5	2	63
125	Folia phoniat.	5	2	65
165	J. commun. Dis.	5	2	67
175	J. Franc. ORL	5	2	69
189	J. Laryngol. Otol.	5	2	71
237	Ment. Retard.	5	2	73
247	Neue Bl. Taubst.	5	2	75
266	Otol. Fukuoka	5	2	77
290	Psychol. Wych.	5	2	79
311	South. speech J.	5	2	81
341	Teacher Deaf	5	2	83
362	Volta Rev.	5	2	85

Table 31

Speech Disorders
Emotionally-Based Disorders

Explanation:	Number of Abstracts	Number of Journals
Total of recorded information	24	16
About half of recorded information	13	5

24 articles from 16 journals were in this section.

The following 5 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
216	J. speech hear. Dis.	1	5	
27	Amer. J. Psychiat.	2	2	7
106	Dis. nerv. Syst.	2	2	9
175	J. Franc. ORL	2	2	11
193	J. nerv. ment. Dis.	2	2	13/24

Table 32
Speech Disorders
Laryngectomy

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	101	37
About half of recorded information	50	7

101 articles from 37 journals were in this section.

The following 8 journals contributed 4 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
175	J. Franc. ORL	1	13	
264	Otolaryngol. Polska	2	9	22
81	Ceskoslov. Otolaryngol.	3	8	30
229	Laryngoscope	4	6	36
216	J. speech hear. Dis.	5	5	41
368	Z. Laryngol. Rhinol. Otol.	5	5	46
6	Acta oto-laryngol.	6	4	50/101
127	Ful-orr-gegegyogy	6	4	54

Table 33
Speech Disorders
Stuttering

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	129	50
About half of recorded information	67	5

129 articles from 50 journals were in this section.

The following 6 journals contributed 4 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
217	J. speech hear. Res.	1	29	
216	J. speech hear. Dis.	2	23	52
125	Folia phoniat.	3	6	58
335	Speech Monogr.	4	5	63
151	J. abnorm. Psychol.	5	4	67/129
228	Lang. Speech	5	4	71

Table 34
Speech Disorders
Therapy

Explanation:	Number of <u>Abstracts</u>	Number of <u>Journals</u>
Total of recorded information	80	44
About half of recorded information	41	10

80 articles from 44 journals were in this section.

The following 15 journals contributed 2 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
216	J. speech hear. Dis.	1	14	
125	Folia phoniat.	2	5	19
237	Ment. Retard.	3	4	23
23	Amer. J. ment. Defic.	4	3	26
49	Asha	4	3	29
65	Brit. J. Dis. Commun.	4	3	32
217	J. speech hear. Res.	4	3	35
40	Ann. Otol. Rhinol. Laryngol.	5	2	37
44	Arch. Otolaryngol.	5	2	39
80	Cerebral Palsy J.	5	2	41/80
210	J. Rehab. Asia	5	2	43
247	Neue Bl. Taubst.	5	2	45
266	Otol. Fukuoka	5	2	47
274	Percept. motor Skills	5	2	49
368	Z. Laryngol. Rhinol. Otol.	5	2	51

Table 35

Speech Disorders
Voice Disorders

Explanation:	<u>Number of Abstracts</u>	<u>Number of Journals</u>
Total of recorded information	155	39
About half of recorded information	80	5

155 articles from 39 journals were in this section.

The following 9 journals contributed 5 or more articles to this section from 1964-8 in dsh Abstracts.

Code Number on Main Journal Data Table	Journal (in rank order)	Rank	No. of Articles	Cum. Total
175	J. Franc. ORL	1	46	
216	J. speech hear. Dis.	2	12	58
44	Arch. Otolaryngol.	3	8	66
125	Folia phoniatic.	3	8	74
189	J. Laryngol. Otol.	4	6	80/155
279	Pract. ORL	4	6	86
47	Arch. Ital. ORL	5	5	91
127	Ful-orr-gegegyogy.	5	5	96
357	Valsalva	5	5	101

Table 36

Journals Ranked by Number of
Abstracts Appearing in
dsh Abstracts from 1964-8

Code Number on Main Journal Data Table	Journal Title	Rank	No. of Abstracts	Percent of Abstracts
152	J. acoust. Soc. Amer.	1	436	6.89
217	J. speech hear. Res.	2	261	4.12
143	Int. Audiol.	3	209	3.30
216	J. speech hear. Dis.	4	204	3.22
175	J. Franc. ORL	5	190	3.00
44	Arch. Otolaryngol.	6	180	2.84
229	Laryngoscope	7	153	2.42
161	J. aud. Res.	8	147	2.32
6	Acta oto-laryngol.	9	127	2.01
368	Z. Laryngol. Rhinol. Otol.	10	123	1.94
189	J. Laryngol. Otol.	11	118	1.86
274	Percept. motor Skills	12	113	1.79
87	Cleft Palate J.	13	105	1.66
361	Voix Silence	13	105	1.66
362	Volta Rev.	14	93	1.47
40	Ann. Otol. Rhinol. Laryngol	15	91	1.44
341	Teacher Deaf	15	91	1.44
228	Lang. Speech	16	85	1.34
246	Nat. Hear. Aid J.	17	82	1.30
82	Child Developm.	18	80	1.26
294	Psychon. Sci.	19	78	1.23
264	Otolaryngol. Polska	20	71	1.12
81	Ceskoslov. Otolaryngol.	21	63	1.00
357	Valsalva	22	60	.95
279	Pract. ORL	23	56	.88
121	EENT Mon.	24	54	.85
327	Science	24	54	.85
16	Amer. Ann. Deaf	25	51	.81
266	Otol. Fukuoka	25	51	.81
125	Folia phoniatic.	26	50	.79
7	Acta ORL Belg.	27	49	.77
136	Hear. speech News	27	49	.77
370	Zh. ush. nos. i gorl. bol.	28	47	.74
127	Ful-orr-gegegyogy	29	45	.71
243	Montsch. Ohrenheil.	30	43	.68
276	Phonetica	30	43	.68
14	Acustica	31	42	.66

Table 36 (cont.)

Code Number on Main Journal Data Table	Journal Title	Rank	No. of Abstracts	Percent of Abstracts
52	Audacibel	32	41	.65
138	Het Gehoorges. Kind	32	41	.65
278	Pract. Otol. Kyoto	33	40	.63
60	Bol. Mal. Or. Gola Naso	34	39	.62
23	Amer. J. ment. Defic.	35	38	.60
351	Trans. Amer. Acad. Oph- thalmol. Otolaryngol.	36	36	.57
80	Cerebral Palsy J.	37	33	.52
247	Neue Bl. Taubst.	38	31	.49
46	Arch. Ital. Laringol.	39	30	.47
49	Asha	39	30	.47
221	J. verb. Learn. verb. Behav.	39	30	.47
70	Brit. med. J.	40	29	.46
298	Reeduc. orthophon.	41	28	.44
160	J. audiol. Tech.	42	27	.43
270	Pediatrics	42	27	.43
335	Speech Monogr.	42	27	.43
302	Rehab. Rec.	43	26	.41
34	Ami Sourds	44	24	.38
73	Bull. Information	44	24	.38
99	Cortex	44	24	.38
319	Rev. Ouie	44	24	.38
151	J. abnorm. Psychol.	45	23	.36
105	Developm. Med. child Neurol.	46	22	.35
140	Horgeschadigte Kinder.	46	22	.35
9	Acta ORL Espan.	47	21	.33
92	Clin. Pediat.	48	21	.33
371	Zh. vyssch. nerv.	47	21	.33
111	Effeta	48	20	.32
157	J. Amer. med. Ass.	48	20	.32
165	J. commun. Dis.	48	20	.32
225	Lancet	48	20	.32
28	Amer. J. Psychol.	49	19	.30
267	ORL Ital.	49	19	.30
20	Amer. Industr. Hyg. Ass. J.	50	18	.28
139	H.N.O.	50	18	.28
268	ORL Ruman.	50	18	.28
292	Psychol. Rec.	51	17	.27
47	Arch. Ital. ORL	52	16	.25
65	Brit. J. Dis. Commun.	52	16	.25
168	J. educ. Psychol.	52	16	.25

Table 36 (cont.)

Code Number on Main Journal Data Table	Journal Title	Rank	No. of Abstracts	Percent of Abstracts
248	Neurology	52	16	.25
347	Today's Speech	52	16	.25
237	Ment. Retard.	53	15	.24
363	Vop. Psikhol.	53	15	.24
174	J. exp. Psychol.	53	15	.24
39	Ann. Laringol. Otol. Rhinol. Faringol.	54	14	.22
62	Brain	54	14	.22
323	Riv. Oto-Neuro-Oftalmol.	54	14	.22
68	Brit. J. Psychol.	55	13	.21
202	J. Pediat.	55	13	.21
265	Otolaryngol.	55	13	.21
358	Vestn. ORL	55	13	.21
19	Amer. Educ.	56	12	.19
21	Amer. J. Dis. Child.	56	12	.19
24	Amer. J. Orthopsychiat.	56	12	.19
204	J. Pers. Soc. Psychol.	56	12	.19
240	Minerva ORL	56	12	.19
337	Spetsial Shkola	56	12	.19
51	Asha Rep.	57	11	.17
119	Except. Child.	57	11	.17
130	Geriatrics	57	11	.17
135	Hear. Eye	57	11	.17
170	J. exp. Anal. Behav.	57	11	.17
249	New Engl. J. Med.	57	11	.17
301	Rehab. Lit.	57	11	.17
309	Rev. ORL	57	11	.17
334	Speech hear. Ass. Ala. Letter	57	11	.17
55	Austral. Teacher Deaf	58	10	.16
164	J. Commun.	58	10	.16
197	J. Neurophysiol.	58	10	.16
200	J. oto-laryngol. Soc. Austral.	58	10	.16
206	J. proj. Tech.	58	10	.16
207	J. prosthet. Dent.	58	10	.16
27	Amer. J. Psychiat.	59	9	.14
78	Canad. med. Ass. J.	59	9	.14
89	Clin. ORL	59	9	.14
112	EEG clin. Neurophysiol.	59	9	.14
156	J. Amer. geriat. Soc.	59	9	.14
293	Psychol. Rev.	59	9	.14
1	Acad. Ther. Quart.	60	8	.13
41	Annee psychol.	60	8	.13
77	Canad. J. Psychol.	60	8	.14

Table 36 (cont.)

Code Number on Main Journal Data Table	Journal Title	Rank	No. of Abstracts	Percent of Abstracts
104	Deaf American	60	8	.13
106	Dis. nerv. syst.	60	8	.13
109	Educ. Train. ment. Retarded	60	8	.13
114	Elem. sch. J.	60	8	.13
285	Programmed Learn.	60	8	.13
79	Central States speech J.	61	7	.11
137	Heilpadag. Werkbl.	61	7	.11
142	Industr. Med. Surg.	61	7	.11
213	J. soc. Psychol.	61	7	.11
239	Military med.	61	7	.11
290	Psychol. Wych.	61	7	.11
291	Psychol. Bull.	61	7	.11
296	Quart. J. exp. Psychol.	61	7	.11
332	South. speech J.	61	7	.11
350	Train. Sch. Bull.	61	7	.11
45	Arch. phys. Med. Rehab.	62	6	.09
66	Brit. J. educ. Psychol.	62	6	.09
120	Experientia	62	6	.09
134	Hear. Dealer	62	6	.09
284	Proc. Roy. Soc. Med.	62	6	.09
297	Quart. J. Speech	62	6	.09
8	Acta ORL Ibero-Amer.	63	5	.08
11	Acta Paedopsychiat.	63	5	.08
74	Bull. L.A. neurol. Soc.	63	5	.08
162	J. Austral. Coll. Speech Therapists	63	5	.08
172	J. exp. Educ.	63	5	.08
178	J. gen. Psychol.	63	5	.08
208	J. Psychol.	63	5	.08
211	J. Rehab. Deaf	63	5	.08
234	Mayo Clin. Proceed.	63	5	.08
318	Rev. Laryngol. Otol. Rhinol.	63	5	.08
329	Silent World	63	5	.08
345	Therapeutic Notes	63	5	.08
346	Todays Hlth.	63	5	.08
365	West. Speech	63	5	.08
25	Amer. J. phys. Med.	64	4	.06
36	Angle orthodont.	64	4	.06
43	Arch. Environ. Hlth.	64	4	.06
61	Bol. Soc. Ital. Fonet. Foniat. Audiol.	64	4	.06
75	Bull. Menninger Clin.	64	4	.06
132	Harvard Educ. Rev.	64	4	.06

Table 36 (cont.)

Code Number on Main Journal Data Table	Journal Title	Rank	No. of Abstracts	Percent of Abstracts
166	J. comp. Neurol.	64	4	.06
190	J. Learn. Disabil.	64	4	.06
193	J. nerv. ment. Dis.	64	4	.06
205	J. Plast. reconst. Surg.	64	4	.06
212	J. Roy. Nav. med. Serv.	64	4	.06
252	N.Z. Speech Therapist J.	64	4	.06
280	Practitioner	64	4	.06
307	Rev. Cubana Pediat.	64	4	.06
333	Spec. Educ.	64	4	.06
349	Tohoku J. exp. Med.	64	4	.06
355	Udito Voce Parola	64	4	.06
3	Acta linguist.	65	3	.05
33	Amer. Speech	65	3	.05
38	Ann. Fac. Med. Chirurg.	65	3	.05
42	Arch. Dis. Childh.	65	3	.05
69	Brit. med. Bull.	65	3	.05
122	Family Process	65	3	.05
133	Hearing	65	3	.05
150	Johns Hopkins Med. J.	65	3	.05
155	J. Amer. dent. Ass.	65	3	.05
158	J. appl. Physiol.	65	3	.05
176	J. gen. Educ.	65	3	.05
179	J. genet. Psychol.	65	3	.05
181	J. Gerontol.	65	3	.05
201	J. ORL Soc. Japan	65	3	.05
210	J. Rehab. Asia	65	3	.05
215	J. speech hear. Ass. Va.	65	3	.05
223	Kybernetik	65	3	.05
295	Pub. Hlth. Rep.	65	3	.05
299	Rehab.	65	3	.05
317	Rev. gen. Enseigne. Sourds-Muets	65	3	.05
326	Scand. J. Psychol.	65	3	.05
330	Sound Vibration	65	3	.05
339	Stud. Phonol.	65	3	.05
353	Trans. Beltone Inst. hear. Res.	65	3	.05
13	Acta radiol.	66	2	.03
15	Akustich. Zh.	66	2	.03
18	Amer. Dial. Soc. Publ.	66	2	.03
22	Amer. J. hum. Genet.	66	2	.03

Table 36 (cont.)

Code Number on Main Journal Data Table	Journal Title	Rank	No. of Abstracts	Percent of Abstracts
29	Amer. J. pub. Hlth.	66	2	.03
55	B & K tech. Rev.	66	2	.03
58	Bell Syst. tech. J.	66	2	.03
88	Clermont med.	66	2	.03
95	Conf. neurol.	66	2	.03
103	Danish med. Bull.	66	2	.03
118	Eugen. Quart.	66	2	.03
159	J. Ass. phys. ment. Rehab.	66	2	.03
171	J. exp. child Psychol.	66	2	.03
194	J. Neurol. Neurosurg. Psychiat.	66	2	.03
195	J. Neurol. Neurosurg. Psychiat.	66	2	.03
196	J. neurol. sci.	66	2	.03
226	Language	66	2	.03
231	Logop. Foniatr.	66	2	.03
277	Physiol. Rev.	66	2	.03
286	Psychiat. Quart.	66	2	.03
321	Rev. Phonet. appl.	66	2	.03
336	Speech Teacher	66	2	.03
343	Tex. Communicologist	66	2	.03
344	Texas med.	66	2	.03
359	Voice	66	2	.03
10	Acta Paediat. Scand.	67	1	.02
12	Acta Psychiat. Scand.	67	1	.02
26	Amer. J. Physiol.	67	1	.02
31	Amer. Orthop. J.	67	1	.02
50	Asha Monogr.	67	1	.02
53	Austral. J. exp. Biol. med. Sci.	67	1	.02
54	Austral. J. Psychol.	67	1	.02
72	Bull. Faculty Educ. Tokyo U.	67	1	.02
93	Clin. Psychiat.	67	1	.02
97	Consumer Rep.	67	1	.02
102	Cybernetica	67	1	.02
110	Educ. Sordomuti	67	1	.02
113	Elem. Engl.	67	1	.02
129	Genet. psychol.	67	1	.02
144	Int. J. clin. exp. Hypnosis	67	1	.02
169	J. educ. Res.	67	1	.02
191	J. Linguist	67	1	.02
198	J. Neurosurg.	67	1	.02

Table 36 (cont.)

Code Number on Main Journal Data Table	Journal Title	Rank	No. of Abstracts	Percent of Abstracts
209	J. Rehab.	67	1	.02
214	J. S. African Logop. Soc.	67	1	.02
227	Lang. Learn.	67	1	.02
235	Med. Proc.	67	1	.02
259	Oncologia si Radiologia	67	1	.02
271	Penn. Speech Ann.	67	1	.02
281	Prensa Medica Arg.	67	1	.02
320	Rev. Oto-Neuro-Ophtal- mol.	67	1	.02
338	Sprachheilarbeit	67	1	.02
340	Stud. Linguist.	67	1	.02
352	Trans. Amer. neurol. Ass.	67	1	.02
373	Books	00	500	7.90

Table 37
Main Journal Data Table

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by <u>dsh Abstracts</u>				
	# Hearing abs %				# Hearing Disorders abs %	# Speech abs %	# Speech Disorders abs %	# General abs %	
1	Acad. Ther. Quart.	8	.13	60		1 .04	2 .25	4 .33	1 .26
2	Acta audiol. foni- Hispano Amer.	*							
3	Acta linguist.	3	.05	65			3 .38		
4	Acta linguist. Hafnien	*							
5	Acta Neurol. Latino- amer.	*							
6	Acta oto-laryngol.	127	2.01	9	51 3.70	59 2.33	7 .88	8 .65	2 .51
7	Acta ORL Belg.	49	.77	27	6 .43	36 1.42	2 .25	4 .33	1 .26
8	Acta ORL Ibero-Amer.	5	.08	63		3 .12		2 .16	
9	Acta ORL Espan.	21	.33	47	2 .14	14 .55		1 .08	4 1.03
10	Acta Paediat. Scand.	1	.02	67				1 .08	
11	Acta Paedopsychiat.	5	.08	63		1 .04		4 .33	
12	Acta Psychiat. Scand.	1	.02	67	1 .07				
13	Acta radiol.	2	.03	66			2 .25		
14	Acustica	42	.66	31	31 2.25	3 .12	8 1.00		
15	Akustich Zh.	2	.03	66	2 .14				
16	Amer. Ann. Deaf	51	.81	25		5 2.02			

*Journals listed as searched by dsh Abstracts (October, 1968 issue)
in which no abstracts were published from 1964-8.

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. 1964-8	% abs. 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					Hearing # abs %	Hearing Disorders # abs %	Speech # abs %	Speech Disorders # abs %	General # abs %
17	Am. Correct. therapy J.	*							
18	Amer. Dial. Soc. Publ.	2	.03	66			2 .25		
19	Amer. Educ.	12	.19	56		8 .32	1 .13	1 .08	2 .51
20	Amer. Industr. Hyg. Ass. J.	18	.28	50	6 .43	12 .47			
21	Amer. J. Dis. Child.	12	.19	56		10 .40	1 .13		1 .26
22	Amer. J. hum. Genet.	2	.03	66				2 .16	
23	Amer. J. ment. Defic.	38	.60	35	4 .29	14 .55	3 .38	14 1.14	3 .77
24	Amer. J. Orthopsych- iat.	12	.19	56	1 .07		4 .50	5 .41	2 .51
25	Amer. J. phys. Med.	4	.06	64				3 .24	1 .26
26	Amer. J. Physiol.	1	.02	67	1 .07				
27	Amer. J. Psychiat.	9	.14	59		2 .08	1 .13	6 .49	
28	Amer. J. Psychol.	19	.30	49	7 .51	1 .04	9 1.13	1 .08	1 .26
29	Amer. J. Pub. Hlth.	2	.03	66		2 .08			
30	Amer. J. Surg.	*							
31	Amer. Orthop. J.	1	.02	67				1 .08	
32	Amer. Psychologist	*							
33	Amer. Speech	3	.05	65			3 .38		
34	Ami Souds	24	.38	44		23 .91	1 .13		

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					Hearing # abs %	Hearing Disorders # abs %	Speech # abs %	Speech Disorders # abs %	General # abs %
35	An.Azevedos	*							
36	Anale odont.	4	.06	64			2 .25	2 .16	
37	Ann. Oto-Laryngol.	*							
38	Ann. Fac. Med. Cir- urg.	3	.05	64			3 .38		
39	Ann. Laringol. Otol. Faringol.	14	.22	54	2 .14	9 .36	1 .13	2 .16	
40	Ann. Otol. Rhinol. Laryngol.	91	1.44	15	33 2.39	46 1.82	3 .38	9 .73	
41	Annee psychol.	8	.13	60	2 .14	1 .04	2 .25		3 .77
42	Arch. Dis. Childh.	3	.05	65	1 .07	2 .08			
43	Arch. Environ. Hlth.	4	.06	64		3 .12		1 .08	
44	Arch. Otolaryngol.	180	2.84	6	31 2.25	123 4.86	8 1.00	18 1.46	
45	Arch. phys. Med. Rehab.	6	.09	62		1 .04		5 .41	
46	Arch. Ital. Laringol.	30	.47	39	3 .22	23 .91		3 .24	1 .26
47	Arch. Ital. ORL	16	.25	52		8 .32	1 .13	7 .57	
48	Archi. Patol.	*							
49	Asha	30	.47	39	1 .07	5 .20	1 .13	7 .57	16 4.10
50	ASHA Monogr.	1	.02	67		1 .04			
51	ASHA Rep.	11	.17	57			5 .63	5 .41	1 .26
52	Audacibel	41	.65	32	3 .22	35 1.38			3 .77

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					# Hearing	# Hearing Disorders	# Speech	# Speech Disorders	# General
					abs %	abs %	abs %	abs %	abs %
53	Austral. J. exp. Biol. med. Sci.	1	.02	67	1 .07				
54	Austral. Psychol.	1	.02	67	1 .07				
55	Austral. Teacher Deaf	10	.16	58		9 .36		1 .08	
56	B & K tech. Rev.	2	.03	66	1 .07		1 .13		
57	Bell Lab. Rec.	*							
58	Bell Syst. tech. J.	2	.03	66			2 .25		
59	Bol. Espan. ORL Bron- coesofagol.	*							
60	Bol. Mal. Or. Gola Naso	39	.62	34	6 .43	25 .99	2 .25	5 .41	1 .26
61	Bol. Soc. Ital. Fo- net. Audiol.	4	.06	64	2 .14	1 .04		1 .08	
62	Brain	14	.22	54			2 .25	11 .89	1 .26
63	Brain and Nerve	*							
64	Brit. deaf News	*							
65	Brit. J. Dis. Commun.	16	.25	52		1 .04	4 .50	11 .89	
66	Brit. J. educ. Psych- ol.	6	.09	62	1 .07	1 .04	2 .25	1 .08	1 .26
67	Brit. J. Psychiat.	*							
68	Brit. J. Psychol.	13	.21	55	4 .29	1 .04	6 .75	1 .08	1 .26
69	Brit. med. Bull.	3	.05	65	1 .07	1 .04			1 .26
70	Brit. med. J.	29	.46	40		13 .51	1 .13	13 1.06	2 .51

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					# Hearing abs %	# Hearing Disorders abs %	# Speech abs %	# Speech Disorders abs %	# General abs %
71	Bull. Div. 22	*							
72	Bull. Faculty Educ., Tokyo U.	1	.02	67		1 .04			
73	Bull. Information	24	.38	44	2 .14	21 .83			1 .26
74	Bull. L.A. neurol. Soc.	5	.08	63		2 .08		1 .08	2 .51
75	Bull. Menninger Clin.	4	.06	64		1 .04		3 .24	
76	Calif. J. educ. Res.	*							
77	Canad. J. Psychol.	8	.13	60	5 .36		2 .25		1 .26
78	Canad. med. Ass. J.	9	.14	59		6 .24		3 .24	
79	Central States Speech J.	7	.11	61		1 .04	2 .25	3 .24	1 .26
80	Cerebral Palsy J.	33	.52	37			1 .13	31 2.52	1 .26
81	Ceskoslov. Otolaryn- gol.	63	1.00	21	8 .58	43 1.70	1 .13	11 1.89	
82	Child Developm.	80	1.26	18	8 .58	11 .43	45 5.63	4 .33	12 3.08
83	Child Family	*							
84	Children	*							
85	Child. House	*							
86	China's Med.	*							
87	Cleft Palate J.	105	1.66	13		1 .04	13 1.63	91 7.40	
88	Clermont med.	2	.03	66		2 .08			

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					# Hearing abs %	# Hearing Disorders abs %	# Speech abs %	# Speech Disorders abs %	# General abs %
89	Clin. ORL	9	.14	59	1 .07	5 .20		3 .24	
90	Clin. EEG	*							
91	Clin. Med.	*							
92	Clin. Pediat.	21	.33	47	1 .07	5 .20	1 .13	10 .81	4 1.03
93	Clin. Psychiat.	1	.02	67		1 .04			
94	Coll. Engl.	*							
95	Conf. neurol.	2	.03	66				2 .16	
96	Conn. speech hear. Ass. Newsletter	*							
97	Consumer Rep.	1	.02	67		1 .04			
98	Contemp. Psychol.	*							
99	Cortex	24	.38	44			.25	21 1.71	1 .26
100	Coun. Soc. science data Arch.	*							
101	Crianca Surda	*							
102	Cybernetica	1	.02	67		1 .04			
103	Danish med. Bull.	2	.03	66		1 .04	1 .13		
104	Deaf American	8	.13	60		8 .32			
105	Developm. Med. child Neurol.	22	.35	46		3 .12	2 .25	13 1.06	4 1.03
106	Dis. nerv. Syst.	8	.13	60		1 .04		5 .41	2 .51

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					# Hearing abs %	# Hearing Disorders abs %	# Speech abs %	# Speech Disorders abs %	# General abs %
107	Educ. Age	*							
108	Educ. psychol. Measmt.	*							
109	Educ. Train. ment. Retarded	8	.13	60		.08	.25	.16	.51
110	Educ. Sordomuti	1	.02	67		.04			
111	Effeta	20	.32	48	1 .07	18 .71		1 .08	
112	EEG clin. Neuro- physiol.	9	.14	59	9 .65				
113	Elem. Engl.	1	.02	67			1 .13		
114	Elem. sch. J.	8	.13	60	2 .14		1 .13	5 .41	
115	Engl. J.	*							
116	Epidem. vital statist. Rep.	*							
117	ETC	*							
118	Eugen. Quart.	2	.03	66		2 .08			
119	Except. Child.	11	.17	57		10 .40			1 .26
120	Experientia	6	.09	62	4 .29		2 .25		
121	BENT Mon.	54	.85	24	5 .36	35 1.38		13 1.06	1 .26
122	Family Process	3	.05	65			3 .38		
123	Fenestra	*							
124	Fla. speech hear. Ass. Bull.	*							

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					Hearing # abs %	Hearing Disorders # abs %	Speech # abs %	Speech Disorders # abs %	General # abs %
125	Folia phoniat.	50	.79	26	2 .14	2 .08	15 1.88	29 2.36	2 .51
126	Fono Audiol.	*							
127	Ful-orr-gegegyogy	45	.71	29	6 .43	28 1.11		11 .89	
128	Gen. semantics Bull.	*							
129	Genet. psychol. Mon- ogr.	1	.02	67			1 .13		
130	Geriatrics	11	.17	57		6 .24		5 .41	
131	Group Psychother.	*							
132	Harvard Educ. Rev.	4	.06	64			3 .38	1 .08	
133	Hearing	3	.05	65		3 .12			
134	Hear. Dealer	6	.09	62		6 .24			
135	Hear. Eye	11	.17	57	2 .14	8 .32			1 .26
136	Hear. speech News	49	.77	27	5 .36	22 .87		5 .41	17 4.36
137	Heilpadag. Werkbl.	7	.11	67		5 .20		2 .16	
138	Het Gekoorges. Kind	41	.65	32	1 .07	37 1.46		3 .24	
139	H.N.O.	18	.28	50	2 .14	7 .28	2 .25	7 .57	
140	Horgeschadigte Kinder	22	.35	46	2 .14	20 .79			
141	Igaku No Arumi	*							
142	Industr. Med. Surg.	7	.11	61	1 .07	5 .20			1 .26

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					Hearing # abs %	Hearing Disorders # abs %	Speech # abs %	Speech Disorders # abs %	General # abs %
143	Int. Audiol.	209	3.30	3	57 4.13	147 5.81	4 .50	1 .08	
144	Int. J. clin. exp. Hypnosis	1	.02	67				1 .08	
145	Int. J. Psycho-Anal.	*							
146	Izv. Akad. Pedag. Nauk RSFSR	*							
147	Jap. J. clin. Med.	*							
148	Jap. J. rehab. Med.	*							
149	Jap. Red Cross med. J.	*							
150	John Hopkins Med. J.	3	.05	65		3 .12			
151	J. abnorm. Psychol.	23	.36	45		6 .24	6 .75	10 .81	1 .26
152	J. acoust. Soc. Amer.	436	6.89	1	355 25.72	15 .59	59 7.38	3 .24	4 1.03
153	J. acoust. Soc. Jap.	*							
154	J. Amer. Coll. Dent.	*							
155	J. Amer. dent. Ass.	3	.05	65			1 .13	2 .16	
156	J. Amer. geriat Soc.	9	.14	59		1 .04		4 .33	4 1.03
157	J. Amer. med. Ass.	20	.32	48	2 .14	14 .55		3 .24	1 .26
158	J. appl. Physiol.	3	.05	65			3 .38		
159	J. Ass. phys. ment. Rehab.	2	.03	66				1 .08	1 .26
160	J. audiol. Tech.	27	.43	42	5 .36	20 .79	2 .25		

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					# Hearing abs %	# Hearing Disorders abs %	# Speech abs %	# Speech Disorders abs %	# General abs %
161	J. aud. Res.	147	2.32	8	107 7.75	37 1.46	1 .13	2 .16	
162	J. Austral. Coll. speech Therapists	5	.08	63			1 .13	4 .33	
163	J. Calif. speech hear. Ass.	*							
164	J. Commun.	10	.15	58			5 .63	2 .16	3 .77
165	J. commun. Dis.	20	.32	48	3 .22	1 .04	2 .25	12 .98	2 .51
166	J. comp. Neurol.	4	.06	64	3 .22		1 .13		
167	J. counsel. Psychol.	*							
168	J. educ. Psychol.	16	.25	52	1 .07	3 .12	9 1.13		3 .77
169	J. educ. Res.	1	.02	67				1 .08	
170	J. exp. Anal. Behav.	11	.17	57	8 .58		2 .25		1 .26
171	J. exp. child Psychol.	2	.03	66	1 .07		1 .13		
172	J. exp. Educ.	5	.08	63			4 .50		1 .26
173	J. exp. Med.	*							
174	J. exp. Psychol.	15	.24	53	12 .87		3 .38		
175	J. Franc. ORL	190	3.00	5	12 .87	88 3.48	12 1.50	76 6.18	2 .51
176	J. gen. Educ.	3	.05	65			1 .13		2 .51
177	J. gen. Physiol.	*							
178	J. gen. Psychol.	5	.08	63	2 .14		3 .38		

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					Hearing # abs %	Hearing Disorders # abs %	Speech # abs %	Speech Disorders # abs %	General # abs %
179	J. genet. Psychol.	3	.05	65	¹ .07		¹ .13		¹ .26
180	J. Ga. speech hear. Ass.	*							
181	J. Gerontol.	3	.05	65		² .08			¹ .26
182	J. Ill. speech hear. Ass.	*							
183	J. Ind. speech hear. Ass.	*							
184	J. Iowa speech hear. Ass.	*							
185	J. Jap. psychol. Ass.	*							
186	J. Jap. Stomatol. Soc.	*							
187	J. Kans. speech hear. Ass.	*							
188	J. Kyoto Prefect. Med. U.	*							
189	J. Laryngol. Otol.	118	1.86	11	²⁸ 2.03	⁸⁰ 3.16		¹⁰ .81	
190	J. Learn. Disabil.	4	.06	64				¹ .08	³ .77
191	J. Linguist.	6	.02	67			¹ .13		
192	J. Marriage Fam.	*							
193	J. nerv. ment. Dis.	4	.06	64		¹ .04		³ .24	
194	J. Neurol. Neurosurg. Psychiat.	2	.03	66				² .16	
195	J. Neurol. Neurosurg. Psychiat.	2	.03	66				² .16	
196	J. neurol. Sci.	2	.03	66				² .16	

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					Hearing # abs %	Hearing Disorders # abs %	Speech # abs %	Speech Disorders # abs %	General # abs %
197	J. Neurophysiol.	10	.16	58	7 .51		2 .25		1 .26
198	J. Neurosurg.	1	.02	67				1 .08	
199	J. N.Y. State speech hear. Ass.	*							
200	J. oto-laryngol. Soc. Austral.	10	.16	58		9 .36		1 .08	
201	J. ORL Soc. Japan	3	.05	65	1 .07	1 .04		1 .08	
202	J. Pediat.	13	.21	55	1 .07	11 .43			1 .26
203	J. Pers.	*							
204	J. Pers. soc. Psychol.	12	.19	56	2 .14	1 .04	6 .75	3 .24	
205	J. Plast. reconst. Surg.	4	.06	64				4 .33	
206	J. proj. Tech.	10	.16	58	3 .22	1 .04	2 .25	4 .33	
207	J. prosthet. Dent.	10	.16	58			1 .13	9 .73	
208	J. Psychol.	5	.08	63	1 .07		3 .38	1 .08	
209	J. Rehab.	1	.02	67				1 .08	
210	J. Rehab. Asia	3	.05	65				2 .16	1 .26
211	J. Rehab. Deaf.	5	.08	63		5 .20			
212	J. Roy. Nav. med. Serv.	4	.06	64		2 .08		1 .08	1 .26
213	J. soc. Psychol.	7	.11	61			4 .50		3 .77
214	J. S. African Logop. Soc.	1	.02	67				1 .08	

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					Hearing # abs %	Hearing Disorders # abs %	Speech # abs %	Speech Disorders # abs %	General # abs %
215	J. speech hear. Ass. Va.	1	.05	65			¹ .13	² .16	
216	J. speech hear. Dis.	204	3.22	4	¹² .87	⁷² 2.84	⁷ .88	¹⁰⁹ 8.86	⁴ 1.03
217	J. speech hear. Res.	261	4.12	2	⁹⁰ 6.52	⁴⁰ 1.58	⁵⁰ 6.26	⁷⁸ 6.34	³ .77
218	J. Tenn. speech hear. Ass.	*							
219	J. Tex. speech hear. Ass.	*							
220	J. Therapy	*							
221	J. verb. Learn. verb. Behav.	30	.47	39	¹ .07		²⁶ 3.25	¹ .08	² .51
222	J. Vt. speech. hear. Ass.	*							
223	Kybernetik	3	.05	65	³ .22				
224	Lahey Clin. found. Bull.	*							
225	Lancet	20	.32	48	¹ .07	⁷ .28	¹ .13	¹¹ .89	
226	Language	2	.03	66			² .25		
227	Lang. Learn.	1	.02	67			¹ .13		
228	Lang. Speech.	85	1.34	16	⁷ .51	² .08	⁶⁵ 8.14	¹¹ .89	
229	Laryngoscope	153	2.42	7	⁴¹ 2.97	⁹² 3.63	⁶ .75	¹³ 1.06	¹ .26
230	Lingua	*							
231	Logop. Foniatr.	2	.03	66				¹ .08	¹ .26
232	Manas	*							

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					Hearing # abs %	Hearing Disorders # abs %	Speech # abs %	Speech Disorders # abs %	General # abs %
233	Md. J. Speech Hear.	*							
234	Mayo Clin. Proceed.	5	.08	63		3 .12		2 .16	
235	Med. Proc.	1	.02	67				1 .08	
236	Meditzin. Referat. Zh.	*							
237	Ment. Retard.	15	.24	53		5 .20	1 .13	7 .57	2 .51
238	Merrill-Palmer Quart.	*							
239	Military med.	7	.11	61		1 .04	2 .25		4 1.03
240	Minerva ORL	12	.19	56	1 .07	9 .36	1 .13	1 .08	
241	Min. Conf. Exec. Amer. Sch. Deaf	*							
242	No. speech hear. Ass. Newsletter	*							
243	Montsch. Ohrenheil.	43	.68	30	5 .36	32 1.26	1 .13	4 .33	1 .26
244	Monogr. Soc. Res. child Developm.	*							
245	Nagasaki Igaku-Kai Zasshi	*							
246	Nat. Hear. Aid J.	82	1.30	17	6 .43	72 2.84			4 1.03
247	Neue Bl. Taubst.	31	.49	38	1 .07	24 .95		6 .49	
248	Neurology	16	.25	52		3 .12		9 .73	4 1.03
249	New Engl. J. Med.	11	.17	57		3 .12		6 .49	2 .51
250	N.J. speech hear. Ass. J.	*							

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					Hearing # abs %	Hearing Disorders # abs %	Speech # abs %	Speech Disorders # abs %	General # abs %
251	New Scotian	*							
252	N.Z. Speech Ther- apist J.	4	.06	64				3 .24	1 .26
253	Winnon Dent. Rev.	*							
254	Word. Audiol.	*							
255	Word. Tidskr. Dov.	*							
256	N.D. speech hear. Ass. J.	*							
257	Ohio J. Speech Hear.	*							
258	Okla. speech hear. Ass. Newsletter	*							
259	Oncologia si Rad- iologia	1	.02	67		1 .04			
260	Ore. speech hear. Ass. Bull.	*							
261	Osaka Daigaku Shig- aku Zasshi	*							
262	Otazky Defek.	*							
263	Oto-Laringol. Argent.	*							
264	Otolaryngol. Polska	71	1.12	20	16 1.16	32 1.26	5 .63	18 1.46	
265	Otolaryngol	13	.21	55	3 .22	10 .40			
266	Otol. Fukuoka	51	.81	25	13 .94	27 1.07	3 .38	8 .65	
267	ORL Ital.	19	.30	49	7 .51	9 .36		3 .24	
268	ORL Ruman.	18	.28	50	4 .29	11 .43		3 .24	

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. 1964-8	% abs. 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					# Hearing abs %	# Hearing Disorders abs %	# Speech abs %	# Speech Disorders abs %	# General abs %
269	ORL Tokyo	*							
270	Pediatrics	27	.43	42		14 .55	3 .38	7 .57	3 .77
271	Penn. Speech Ann.	1	.02	67	1 .07				
272	Penn. speech hear. Ass.	*							
273	Percept.-cognit. De- velopm.	*							
274	Percept. motor Skills	113	1.79	12	44 3.19	9 .36	16 2.00	19 1.54	25 6.41
275	Personnel guid. J.	*							
276	Phonetica	43	.68	30	2 .14		37 4.63	3 .24	1 .26
277	Physiol. Rev.	2	.03	66	2 .14				
278	Pract. Otol. Kyoto	40	.63	33	3 .22	26 1.03	5 .63	6 .49	
279	Pract. ORL	56	.88	23	12 .87	27 1.07	3 .38	13 1.06	1 .26
280	Practitioner	4	.06	64		3 .12		1 .08	
281	Prensa Medica Arg.	1	.02	67		1 .04			
282	Prob. actuel. ORL	*							
283	Proc. Conv. Amer. Deaf	*							
284	Proc. Roy. Soc. Med.	6	.09	62		5 .20		1 .08	
285	Programmed Learn.	8	.13	60	1 .07		4 .50		3 .77
286	Psychiat. Quart.	2	.03	66			1 .13	1 .08	

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					Hearing # abs %	Hearing Disorders # abs %	Speech # abs %	Speech Disorders # abs %	General # abs %
287	Psychiat. Quart. Suppl.	*							
288	Psychiat. soc. sci. Rev.	*							
289	Psychoanal., Pscho- anal. Rev.	*							
290	Psychol. Wych.	7	.11	61			.13	.33	.51
291	Psychol. Bull.	7	.11	61	1 .07	2 .08	2 .25	2 .16	
292	Psychol. Rec.	17	.27	51	.43		7 .88	2 .16	2 .51
293	Psychol. Rev.	9	.14	59	3 .22		3 .38	2 .16	1 .26
294	Psychon. Sci.	78	1.23	19	53 3.84	2 .08	17 2.13	4 .33	2 .51
295	Publ. Hlth. Rep.	3	.05	65		3 .12			
296	Quart. J. exp. Psy- chol.	7	.11	61	6 .43		1 .13		
297	Quart. J. Speech	6	.09	62	1 .07		3 .38	2 .16	
298	Reeduc. orthophon.	28	.44	41	1 .07	2 .08	8 1.00	12 .98	5 1.28
299	Rehab.	3	.05	65		2 .08		1 .08	
300	Rehab. Japan	*							
301	Rehab. Lit.	11	.17	57		2 .08		6 .49	3 .77
302	Rehab. Rec.	26	.41	43		20 .79		5 .41	1 .26
303	Rev. Soviet med. Sci.	*							
304	Rev. Brasil. ORL	*							

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					Hearing # abs %	Hearing Disorders # abs %	Speech # abs %	Speech Disorders # abs %	General # abs %
305	Rev. Cubana Cirug.	*							
306	Rev. Cubana Med.	*							
307	Rev. Cubana Pediat.	4	.06	64		2 .08		2 .16	
308	Rev. Oto-Neuro-Oftal- mol. Cirug. neurol.	*							
309	Rev. CRL	11	.17	57		7 .28		4 .33	
310	Rev. Psicol. gen.apl.	*							
311	Rev. Psicol. norm. patol.	*							
312	Rev. Psiquiatria Dinamica	*							
313	Rev. Resumenes	*							
314	Rev. Sanid. Milit.	*							
315	Rev. Sanidad Naval Peru	*							
316	Rev. Viernes med.	*							
317	Rev. gen. Enseigne. Sourds-Muets	3	.05	65	1 .07	2 .08			
318	Rev. Laryngol. Otol. Rhinol.	5	.08	63	1 .07	4 .16			
319	Rev. Ouie	24	.38	44		22 .87			2 .51
320	Rev. Oto-Neuro-Opht- almol.	1	.02	67		1 .04			
321	Rev. Phonet. appl.	2	.03	66	1 .07	1 .04			
322	Rev. Roumaine Lin- guist.	*							

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. 1964-8	% abs. 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					# Hearing abs %	# Hearing Disorders abs %	# Speech abs %	# Speech Disorders abs %	# General abs %
323	Riv. Oto-Neuro-Of- talmol.	14	.22	54	2 .14	10 .40		2 .16	
324	Ruman. med. Rev.	*							
325	Sashin Igaku	*							
326	Scand. J. Psychol.	3	.05	65	2 .14		1 .13		
327	Science	54	.85	24	21 1.52	1 .04	13 1.63	6 .49	13 3.33
328	Scient. Amer.	*							
329	Silent World	5	.08	63		5 .20			
330	Sound Vibration	3	.05	65	3 .22				
331	S.C. speech hear. Ass. Newsletter	*							
332	South. speech J.	7	.11	61				5 .41	2 .51
333	Spec. Educ.	4	.06	64		1 .04		3 .24	
334	Speech hear. Ass. Ala. Letter	11	.17	57		1 .04		3 .24	7 1.79
335	Speech Monogr.	27	.43	41	3 .22		13 1.63	9 .73	2 .51
336	Speech Teacher	2	.03	66			1 .13	1 .08	
337	Spestial. Shkola	12	.19	56		11 .43		1 .08	
338	Sprachheilarbeit	1	.02	67				1 .08	
339	Stud. Phonol.	3	.05	65	1 .07		2 .25		
340	Stud. Linguist.	1	.02	67					1 .26

Table 37 (cont.)

Code Number	Journal Title (dsh Abbreviation)	# abs. dsh 1964-8	% abs. dsh 1964-8	Rank by Journal	Subject Area Placement by dsh Abstracts				
					# Hearing abs %	# Hearing Disorders abs %	# Speech abs %	# Speech Disorders abs %	# General abs %
341	Teacher Deaf	91	1.44	15	1 .07	82 3.24	2 .25	6 .49	
342	Teaching Machine	*							
343	Tex. Communicologist	2	.03	66	1 .07			1 .08	
344	Texas Med.	2	.03	66		1 .04		1 .08	
345	Therapeutic Notes	5	.08	63		3 .12	1 .13	1 .08	
346	Today Hlth.	5	.08	63		2 .08	1 .13	1 .08	1 .26
347	Todays Speech	16	.25	52		1 .04	6 .75	4 .33	5 1.28
348	Tohoku J. educ. Psychol.	*							
349	Tohoku J. exp. Med.	4	.06	64	2 .14	1 .04	1 .13		
350	Train. Sch. Bull.	7	.11	61		1 .04	2 .25	4 .33	
351	Trans. Amer. Acad. Ophthal- mol. Otolaryngol.	36	.57	36	.58	21 .83		5 .41	2 .51
352	Trans. Amer. neurol. Ass.	1	.02	67				1 .08	
353	Trans. Beltone Inst. hear. Res.	3	.05	65	2 .14	1 .04			
354	Turk. J. Pediat.	*							
355	Udito Voce Parola	4	.06	64		4 .16			
356	Urban Rev.	*							
357	Valsalva	60	.95	22	13 .94	26 1.03	6 .75	10 .81	5 1.28
358	Vestn. ORL	13	.21	55	5 .36	6 .24	1 .13	1 .08	

Chapter IV

Summary

The purpose of this study was to gather information on journals which published articles in the areas of deafness, speech, and hearing. The specific goals were to: 1) provide quantitative data on articles by specific subject categories, 2) determine which journals published articles frequently within the specific subject categories, and 3) determine the number of publications and relative journal rank, independent of subject category, within the areas of speech pathology and audiology. dsh Abstracts, Volumes 4 through 8 (1964 through 1968), served as the source for the published articles. The methods section described the data selection, data coding, key punching, and respective reliability checks. The data were analyzed by a computer and printed out in tabular form.

The results section presented and discussed the tables and their applications to the field of speech pathology and audiology. The first table provided quantitative data on journal articles by 34 specific subject categories. The data were presented by number of articles, percent of articles, and number of journals in each of the subject categories. Next, a group of tables provided data that indicated which journals published articles frequently within each of the specific subject categories. These tables listed: 1) the journals, and 2) the number of articles in each journal to account for at least 50 percent of the articles in each subject category. The remaining tables

listed the number of publications and relative journal rank, independent of subject category, within the areas of speech pathology and audiology. The results may be used to provide a source of information from which journal users may estimate the adequacy of their journal holdings.

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Appendix A

4

Appendix A

Index to Journal Title Abbreviations Used in dsh Abstracts 1964-8 Study

Journal Title (in full)	Abbreviation*	Code Number on Main Journal Data Table
Academic Therapy Quarterly	Acad. Ther. Quart.	1
Acta Audiologica Foniatria Hispano-Americana	Acta. audiol. foniat. Hispano-Amer. (Mexico)	2
Acta Linguistica	Acta linguist. (Hungary)	3
Acta Linguistica Hafniensia	Acta linguist. Hafnien (Denmark)	4
Acta Neurologica Latinoamericana	Acta Neurol. Latinoamer. (Uruguay)	5
Acta Oto-Laryngologica	Acta oto-laryngol. (Sweden)	6
Acta Oto-Rino-Laringologica Belgica	Acta ORL Belg. (Belgium)	7
Acta Oto-Rino-Laringologica	Acta ORL Ibero-Amer. (Spain)	8
Acta Otorinolaringologica Espanola	Acta ORL Espan. (Spain)	9
Acta Paediatrica Scandinavica	Acta Paediat. Scand. (Sweden)	10
Acta Paedopsychiatria	Acta Paedopsychiat. (Switzerland)	11
Acta Psychiatria Scandinavica	Acta Psychiat. Scand. (Denmark)	12
Acta Radiologica	Acta radiol. (Sweden)	13
Acustica	Acustica (Germany)	14
Akusticheski, Zhurnal	Akustich. Zh. (USSR)	15
American Annals of the Deaf	Amer. Ann. Deaf	16
American Corrective Therapy Journal	Am. Correct. therapy J.	17
American Dialect Society Publication	Amer. Dial. Soc. Publ.	18
American Education	Amer. Educ.	19
American Industrial Hygiene Association Journal	Amer. Industr. Hyg. Ass. J.	20
American Journal of Diseases of Children	Amer. J. Dis. Child.	21
American Journal of Human Genetics	Amer. J. hum. Genet.	22
American Journal of Mental Deficiency	Amer. J. ment. Defic.	23
American Journal of Orthopsychiatry	Amer. J. Orthopsychiat.	24

*The abbreviations used here were taken from the October, 1968 "Sources of Abstracts" published in dsh Abstracts.

Appendix A (cont.)

Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
American Journal of Physical Medicine	Amer. J. phys. Med.	25
American Journal of Physiology	Amer. J. Physiol.	26
American Journal of Psychiatry	Amer. J. Psychiat.	27
American Journal of Psychology	Amer. J. Psychol.	28
American Journal of Public Health and the Nation's Health	Amer. J. Pub. Hlth.	29
American Journal of Surgery	Amer. J. Surg.	30
American Orthoptic Journal	Amer. Orthop. J.	31
American Psychologist	Amer. Psychologist	32
American Speech	Amer. Speech	33
L'Ami des Sourds	Ami Sourds (Canada)	34
Anais Azevedos	An. Azevedos (Portugal)	35
Angle Orthodontist	Angle orthodont.	36
Annales d'Oto-Laryngologie	Ann. Oto-Laryngol. (France)	37
Annali dell Facolta di Medicina e Chirurgia	Ann. Fac. Med. Cirurg. (Italy)	38
Annali di Laringologie-Otologie-Rinologia-Faringologia	Ann. Laringol. Otol. Rinol. Faringol. (Italy)	39
Annals of Otolaryngology and Laryngology	Ann. Otol. Rhinol. Laryngol.	40
Annee Psychologique	Annee psychol. (France)	41
Archives of Diseases in Childhood	Arch. Dis. Childh. (England)	42
Archives of Environmental Health	Arch. Environ. Hlth.	43
Archives of Otolaryngology	Arch. Otolaryngol.	44
Archives of Physical Medicine and Rehabilitation	Arch. phys. Med. Rehab.	45
Archivi Italiani di Laringologia	Arch. Ital. Laringol. (Italy)	46
Archivio Italiano di Otologia, Rinologia e Laringologia	Arch. Ital. ORL	47
Arquivo de Patologia	Arqu. Patol. (Portugal)	48

Appendix A (cont.)

Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Asha	Asha	49
ASHA Monographs	ASHA Monogr.	50
ASHA Reports	ASHA Rep.	51
Audcibel	Audcibel	52
Australian Journal of Experimental Biology and Medical Science	Austral. J. exp. Biol. med. Sci. (Australia)	53
Australian Journal of Psychology	Austral. J. Psychol. (Australia)	54
Australian Teacher of the Deaf	Austral. Teacher Deaf (Australia)	55
B & K Technical Review	B & K tech. Rev. (Denmark)	56
Bell Laboratories Record	Bell Lab. Rec.	57
Bell System Technical Journal	Bell Syst. tech. J.	58
Boletin Espanol de Otorrinolaringologia y Broncoesofagologia	Bol. Espan. ORL Broncoesofagol. (Spain)	59
Bollettino delle Malattie dell' Orecchio, della Gola, del Naso	Bol. Mal. Or. Gola Naso (Italy)	60
Bollettino della Societa Italiana de Fonetica, Foniatria e Audiologia	Bol. Soc. Ital. Fonet. Audiol. (Italy)	61
Brain	Brain	62
Brain and Nerve	Brain and Nerve (Japan)	63
British Deaf News	Brit. deaf News (England)	64
British Journal of Disorders of Communication	Brit. J. Dis. Commun. (England)	65
British Journal of Educational Psychology	Brit. J. educ. Psychol. (England)	66
British Journal of Psychiatry	Brit. J. Psychiat. (England)	67
British Journal of psychology	Brit. J. Psychol. (England)	68
British Medical Bulletin	Brit. med. Bull. (England)	69
British Medical Journal	Brit. med. J. (England)	70
Bulletin of Division 22	Bull. Div. 22	71
Bulletin of the Faculty of Education	Bull. Faculty Educ., Tokyo U. (Japan)	72

Appendix A (cont.)

Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Bulletin d'Information of the Los Angeles Neurological Society	Bull. Information (France)	73
Bulletin of the Menniger Clinic	Bull. L.A. neurol. Soc.	74
California Journal of Educational Research	Bull. Menniger Clin.	75
Canadian Journal of Psychology	Calif. J. educ. Res.	76
Canadian Medical Association Journal	Canad. J. Psychol.	77
Central States Speech Journal	Canad. med. Ass. J. (Canada)	78
Cerebral Palsy Journal	Central States speech J.	79
Ceskoslovenska Otolaryngologie	Cerebral Palsy J.	80
	Ceskoslov. Otolaryngol. (Czechoslovakia)	81
Child Development	Child Developm.	82
Child and Family	Child Family	83
Children	Children	84
Children's House	Child. House	85
China's Medicine	China's Med. (China)	86
Cleft Palate Journal	Cleft Palate J.	87
Clermont Medical	Clermont med. (France)	88
Clinica Otorinolaringoiatrica	Clin. ORL (Italy)	89
Clinical Electroencephalography	Clin. EEG (Japan)	90
Clinical Medicine	Clin. Med.	91
Clinical Pediatrics	Clin. Pediat.	92
Clinical Psychiatry	Clin. Psychiat. (Japan)	93
College English	Coll. Engl.	94
Confinia Neurologica	Conf. neurol. (Switzerland)	95
Connecticut Speech and Hearing Association Newsletter	Conn. speech hear. Ass. Newsletter	96
Consumer Reports	Consumer Rep.	97
Contemporary Psychology	Contemp. Psychol.	98
Cortex	Cortex	99

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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Council of Social Science Data Archives	Coun. Soc. science data Arch.	100
Crianca Surda	Crianca Surda (Portugal)	101
Cybernetica	Cybernetica (Belgium)	102
Danish Medical Bulletin	Danish med. Bull. (Denmark)	103
The Deaf American	Deaf American	104
Developmental Medicine and Child Neurology	Developm. Med. child Neurol. (England)	105
Diseases of the Nervous System	Dis. nerv. Syst.	106
Education Age	Educ. Age	107
Educational and Psychological Measurement	Educ. psychol. Measmt.	108
Education and Training of the Mentally Retarded	Educ. Train. ment. Retarded	109
L'Educazione dei Sordomuti	Educ. Sordomuti (Italy)	110
Effeta	Effeta (Italy)	111
Electroencephalography and Clinical Neurophysiology	EEG clin. Neurophysiol.	112
Elementary English	Elem. Engl.	113
Elementary School Journal	Elem. sch. J.	114
English Journal	Engl. J.	115
Epidemiological and Vital Statistics Report	Epidem. vital statist. Rep. (Switzerland)	116
ETC: Review of General Semantics	ETC.	117
Eugenics Quarterly	Eugen. Quart.	118
Exceptional Children	Except. Child.	119
Experientia	Experientia	120
Eye, Ear, Nose and Throat Monthly	EENT Mon.	121
Family Process	Family Process	122
Fenestra	Fenestra (The Netherlands)	123
Florida Speech and Hearing Association Bulletin	Fla. speech hear. Ass. Bull.	124

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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Folia Phoniatria	Folia phoniati. (Switzerland)	125
Fono Audiologica	Fono Audiol. (Argentina)	126
Ful-orr-gegegyaszat	Ful-orr-gegegyogy. (Hungary)	127
General Semantics Bulletin	Gen. semantics Bull.	128
Genetic Psychology Monographs	Genet. psychol. Monogr.	129
Geriatrics	Geriatrics	130
Group Psychotherapy	Group Psychother.	131
Harvard Educational Review	Harvard Educ. Rev.	132
Hearing Dealer	Hearing (England)	133
Hearing Eye	Hear. Dealer	134
Hearing and Speech News	Hear. Eye (Canada)	135
Heilpädagogische Werkblätter	Hear. speech News	136
Het Gehoorgestoorde Kind	Heilpadag. Werkbl. (Switzerland)	137
	Het Gehoorges. Kind (The Netherlands)	138
	H.N.O. (Germany)	139
H.N.O. Wegweiser für die Fachärztliche Praxis		
Horgeschadigte Kinder	Horgeschadigte Kinder (Germany)	140
Igaku No Ayumi	Igaku No Ayumi (Japan)	141
Industrial Medicine and Surgery	Industr. Med. Surg.	142
International Audiology	Int. Audiol. (The Netherlands)	143
International Journal of Clinical and Experimental Hypnosis	Int. J. clin. exp. Hypnosis	144
International Journal of the Psycho-Analysis of the International Psycho-Analytical Association	Int. J. Psycho-Anal. (England)	145
Izvestia Akademiiya Pedagogicheskikh Nauk	Izv. Akad. Pedag. Nauk RSFSR (USSR)	146
Japanese Journal of Clinical Medicine	Jap. J. clin. Med. (Japan)	147
Japanese Journal of Rehabilitation Medicine	Jap. J. rehab. Med. (Japan)	148

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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Japanese Red Cross Medical Journal	Jap. Red Cross med. J. (Japan)	149
Johns Hopkins Medical Journal	Johns Hopkins Med. J.	150
Journal of Abnormal Psychology	J. abnorm. Psychol.	151
Journal of the Acoustical Society of America	J. acoust. Soc. Amer.	152
Journal of the Acoustical Society of Japan	J. acoust. Soc. Jap. (Japan)	153
Journal of the American College of Dentists	J. Amer. Coll. Dent.	154
Journal of the American Dental Association	J. Amer. dent. Ass.	155
Journal of the American Geriatrics Society	J. Amer. geriat. Soc.	156
Journal of the American Medical Association	J. Amer. med. Ass.	157
Journal of Applied Physiology	J. appl. Physiol.	158
Journal of the Association for Physical and Mental Rehabilitation	J. Ass. phys. ment. Rehab.	159
Journal Audiological Technique	J. audiol. Tech. (Germany)	160
Journal of Auditory Research	J. aud. Res	161
Journal of the Australian College of Speech Therapists	J. Austral. Coll. speech Therapists (Australia)	162
Journal of the California Speech and Hearing Association	J. Calif. speech hear. Ass.	163
Journal of Communication	J. Commun.	164
Journal of Communication Disorders	J. commun. Dis.	165
Journal of Comparative Neurology	J. comp. Neurol.	166
Journal of Counseling Psychology	J. counsel. Psychol.	167
Journal of Educational Psychology	J. educ. Psychol.	168
Journal of Educational Research	J. educ. Res.	169
Journal of the Experimental Analysis of Behavior	J. exp. Anal. Behav.	170

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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Journal of Experimental Child Psychology	J. exp. child Psychol.	171
Journal of Experimental Education	J. exp. Educ.	172
Journal of Experimental Medicine	J. exp. Med.	173
Journal of Experimental Psychology	J. exp. Psychol.	174
Journal Français d'Oto-Rhino-Laryngologie et Chirurgie Maxillo-Faciale	J. Franc. ORL (France)	175
Journal of General Education	J. gen. Educ.	176
Journal of General Physiology	J. gen. Physiol.	177
Journal of General Psychology	J. gen. Psychol.	178
Journal of Genetic Psychology	J. genet. Psychol.	179
Journal of the Georgia Speech and Hearing Association	J. Ga. speech hear. Ass.	180
Journal of Gerontology	J. Gerontol.	181
Journal of the Illinois Speech and Hearing Association	J. Ill. speech hear. Ass.	182
Journal of the Indiana Speech and Hearing Association	J. Ind. speech hear. Ass.	183
Journal of the Iowa Speech and Hearing Association	J. Iowa speech hearing Ass.	184
Journal of the Japanese Psychological Association	J. Jap. psychol. Ass.(Japan)	185
Journal of the Japanese Stomatological Society	J. Jap. Stomatol. Soc. (Japan)	186
Journal of the Kansas Speech and Hearing Association	J. Kans. speech hear. Ass.	187
Journal of the Kyoto Prefectural Medical University	J. Kyoto Prefect. Med. U. (Japan)	188
Journal of Laryngology and Otology	J. Laryngol. Otol. (England)	189
Journal of Learning Disabilities	J. Learn. Disabil.	190
Journal of Linguistics	J. Linguist. (Scotland)	191
Journal of Marriage and the Family	J. Marriage Fam.	192

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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Journal of Nervous and Mental Diseases	J. nerv. ment. Dis.	193
Journal of Neurology, Neurosurgery and Psychiatry	J. Neurol. Neurosurg. Psychiat.	194
Journal of Neurology, Neurosurgery and Psychiatry	J. Neurol. Neurosurg. Psychiat. (England)	195
Journal of the Neurological Sciences	J. neurol. Sci.	196
Journal of Neurophysiology	J. Neurophysiol.	197
Journal of Neurosurgery	J. Neurosurg.	198
Journal of the New York State Speech and Hearing Association	J. N.Y. State speech hear. Ass.	199
Journal of the Oto-Laryngological Society of Australia	J. oto-laryngol. Soc. Austral. (Australia)	200
Journal of the Oto-Rhino-Laryngological Society of Japan	J. ORL Soc. Japan (Japan)	201
Journal of Pediatrics	J. Pediat.	202
Journal of Personality	J. Pers.	203
Journal of Personality and Social Psychology	J. Pers. soc. Psychol.	204
Journal of Plastic and Reconstructive Surgery	J. Plast. reconst. Surg.	205
Journal of Projective Techniques and Personality Assessment	J. proj. Tech.	206
Journal of Prosthetic Dentistry	J. prosthet. Dent.	207
Journal of Psychology	J. Psychol.	208
Journal of Rehabilitation in Asia	J. Rehab. Asia (India)	209
Journal of Rehabilitation of the Deaf	J. Rehab. Deaf	210
Journal of the Royal Naval Medical Service	J. Roy. Nav. med. serv. (England)	211
Journal of Social Psychology	J. soc. Psychol.	212
Journal of the South African Logopedics Society	J. S. African Logop. Soc.	213
		214

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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Journal of the Speech and Hearing Association of Virginia	J. speech hear. Ass. Va.	215
Journal of Speech and Hearing Disorders	J. speech hear. Dis.	216
Journal of Speech and Hearing Research	J. speech hear. Res.	217
Journal of the Tennessee Speech and Hearing Association	J. Tenn. speech hear. Ass.	218
Journal of the Texas Speech and Hearing Association	J. Tex. speech hear. Ass.	219
The Journal of Therapy	J. Therapy	220
Journal of Verbal Learning and Verbal Behavior.	J. verb. Learn. verb. Behav.	221
Journal of the Vermont Speech and Hearing Association	J. Vt. speech hear. Ass.	222
Kybernetik	Kybernetik (Germany)	223
Lahey Clinic Foundation Bulletin	Lahey clin. found. Bull.	224
Lancet	Lancet (England)	225
Language	Language	226
Language Learning	Lang. Learn.	227
Language and Speech	Lang. Speech (England)	228
Laryngoscope	Laryngoscope	229
Lingua	Lingua (The Netherlands)	230
Logopedic en Foniatrie	Logop. Foniatr. (The Netherlands)	231
Manas, A Journal of Scientific Psychology	Manas (India)	232
Maryland Journal of Speech and Hearing	Md. J. Speech Hear.	233
Mayo Clinic Proceedings	Mayo Clin. Proceed.	234
Medical Proceedings	Med. Proc.	235
Meditsinskii Referativnyi Zhurnal	Meditsin. Referat. Zh. (USSR)	236
Mental Retardation	Ment. Retard.	237
Merrill-Palmer Quarterly	Merrill-Palmer Quart.	238

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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Military Medicine	Military med.	239
Minerva Otorinolaringologica	Minerva ORL (Italy)	240
Minutes of the Conference of Executives of American Schools for the Deaf	Min. Conf. Exec. Amer. Sch. Deaf	241
Missouri Speech and Hearing Association Newsletter	Mo. speech hear. Ass. Newsletter	242
Monatsschrift fur Ohrenheilkunde and Laryngo-Rhinologie	Montssch. Ohrenheil. (Austria)	243
Monographs of the Society for Research in Child Development	Monogr. Soc. Res. child Developm.	244
Nagasaki Igaku-Kai Zasshi	Nagasaki Igaku-Kai Zasshi (Japan)	245
National Hearing Aid Journal	Nat. Hear. Aid J.	246
Neue Blatter fur Taubstummenebildung Neurology	Neue Bl. Taubst. (Germany)	247
New England Journal of Medicine	Neurology	248
New Jersey Speech and Hearing Association Journal	New Engl. J. Med.	249
The New Scotian	N. J. speech hear. Ass. J.	250
New Zealand Speech Therapists' Journal	New Scotian (Canada)	251
The Nippon Dental Review	N. Z. Speech Therapist J. (New Zealand)	252
Nordisk Audiologi	Nippon Dent. Rev. (Japan)	253
Nordisk Tidskrift fur Dovundervisningen	Nord. Audiol. (Denmark)	254
North Dakota Speech and Hearing Association Journal	Nord. Tidskr. Dov. (Sweden)	255
Ohio Journal of Speech and Hearing	N. D. speech hear. Ass. J.	256
Oklahoma Speech and Hearing Association Newsletter	Ohio J. Speech Hear.	257
Onocologia si Radiologia	Okla. speech hear. Ass. Newsletter	258
Oregon Speech and Hearing Association Bulletin	Onocologia si Radiologia (Rumania)	259
	Ore. speech hear. Ass. Bull.	260

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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Osaka Daigaku Shigaku Zasshi	Osaka Daigaku Shigaku Zasshi (Japan)	261
Otazky Defektologie	Otazky Defek. (Czechoslovakia)	262
Oto-Laringologia	Oto-Laringol. Argent. (Argentina)	263
Otolaryngologia Polska	Otolaryngol. Polska (Poland)	264
Otolaryngology	Otolaryngol. (Japan)	265
Otologia Fukuoka	Otol. Fukuoka (Japan)	266
Oto-Rino-Laringologia Italiana	ORL Ital. (Italy)	267
Oto-Rino-Laringologie	ORL Ruman. (Rumania)	268
Oto-Rhino-Laryngology Tokyo	ORL Tokyo (Japan)	269
Pediatrics	Pediatrics	270
Pennsylvania Speech Annual	Penn. Speech Ann.	271
Pennsylvania Speech and Hearing Association	Penn. speech hear. Ass.	272
Perceptual-Cognitive Development	Percept.-cognit. Developm.	273
Perceptual and Motor Skills	Percept. motor Skills	274
Personnel and Guidance Journal	Personnel guid. J.	275
Phonetica	Phonetica (Switzerland)	276
Physiological Review	Physiol. Rev.	277
Practica Otologica Kyoto	Pract. Otol. Kyoto (Japan)	278
Practica Oto-Rhino-Laryngologica	Pract. ORL (Switzerland)	279
Practitioner	Practitioner (England)	280
La Prensa Medica Argentina	Prensa Medica Agr. (Argentina)	281
Problems Acueles d'Oto-Rhino-Laryngologie	Prob. actual. ORL (France)	282
Proceedings of the Convention of American Instructors of the Deaf	Proc. Conv. Amer. Inst. Deaf	283
Proceedings of the Royal Society of Medicine	Proc. Roy. Soc. Med.	284

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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Programmed Learning	Programmed Learn. (England)	285
Psychiatric Quarterly	Psychiat. Quart.	286
Psychiatric Quarterly Supplement	Psychiat. Quart. Suppl.	287
Psychiatry and Social Science Review	Psychiat. soc. sci. Rev.	288
Psychoanalysis and the Psychoanalytic Review	Psychoanal. Psychoanal. Rev.	289
Psychologia Wychawawcza	Psychol. Wych. (Poland)	290
Psychological Bulletin	Psychol. Bull.	291
Psychological Record	Psychol. Rec.	292
Psychological Review	Psychol. Rev.	293
Psychonomic Science	Psychon. Sci.	294
Public Health Reports	Pub. Hlth. Rep.	295
Quarterly Journal of Experimental Psychology	Quart. J. exp. Psychol. (England)	296
Quarterly Journal of Speech	Quart. J. Speech	297
Reeducation orthophonique	Reeduc. orthophon. (France)	298
Rehabilitation	Rehab. (Germany)	299
Rehabilitation Literature	Rehab. Japan (Japan)	300
Rehabilitation Record	Rehab. Lit.	301
Review of Soviet Medical Sciences	Rev. Soviet med. Sci. (Germany)	302
Revista Brasileira de Oto-Rhino-Laryngologia	Rev. Brasil. ORL (Brazil)	303
Revista Cubana de Cirugia	Rev. Cubana Cirug. (Cuba)	304
Revista Cubana de Medicina	Rev. Cubana Med. (Cuba)	305
Revista Cubana de Pediatria	Rev. Cubana Pediat. (Cuba)	306
Revista Oto-Neuro-Oftalmologia y de Cirugia Neurologia Sud-Americana	Rev. Oto-Neuro-Oftalmol Cirug. neurol. Sud-Amer. (Argentina)	307
Revista de Otorrinolaringologia	Rev. ORL (Chile)	308
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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Revista de Psicología Generaly Aplicada	Rev. Psicol. gen. Apl. (Spain)	310
Revista de Psicología Normal Patologica	Rev. Psicol. norm. patol. (Brazil)	311
Revista de Psiquiatria Dinamica	Rev. Psiquiatria Dinamica (Brazil)	312
Revista de Resumenes	Rev. Resumenes (Cuba)	313
Revista de Sanidad Militar	Rev. Sanid. Milit. (Mexico)	314
Revista de la Sanidad Naval del Peru	Rev. Sanidad Naval Peru (Peru)	315
Revista del Viernes Medico	Rev. Viernes med. (Peru)	316
Revue Generale de l'Enseignement des Sourds-Muets	Rev. gen. Enseigne. Sourds Muets (France)	317
Revue de Laryngologie, Otologie Rhinologie	Rev. Laryngol. Otol. Rhinol. (France)	318
Revue del l'Ouie et le Sourd- Francais	Rev. Ouie (France)	319
Revue d'Oto-Neuro-Ophtalmologie	Rev. Oto-Neuro-Ophtalmol. (France)	320
Revue de Phonetique Appliquee	Rev. Phonet. appl. (Belgium)	321
Revue Roumaine de Linguistique	Rev. Roumaine Linguist. (Rumania)	322
Revista Oto-Neuro-Ofthalmologica	Riv. Oto-Neuro-Ofthalmol. (Italy)	323
Rumanian Medical Review	Ruman. med. Rev.	324
Saishin Igaku	Saishin Igaku (Japan)	325
Scandinavian Journal of Psychology	Scand. J. Psychol. (Sweden)	326
Science	Science	327
Scientific American	Scient. Amer.	328
The Silent World	Silent World (India)	329
Sound and Vibration	Sound Vibration	330
South Carolina Speech and Hearing Association Newsletter	S. C. speech hear. Ass. Newsletter	331
Southern Speech Journal	South. speech J.	332
Special Education	Spec. Educ. (England)	333
Speech and Hearing Association of Alabama Letter	Speech hear. Ass. Ala. letter	334

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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
Speech Monographs	Speech Monogr.	335
Speech Teacher	Speech Teacher	336
Spetsial'naia Shkola	Spetsial. Shkola (USSR)	337
Spracheilarbeit	Spracheilarbeit (Germany)	338
Studia Phonologica	Stud. Phonol. (Japan)	339
Studies in Linguistics	Stud. Linguist.	340
Teacher of the Deaf	Teacher Deaf (England)	341
Teaching Machine	Teaching Machine (Japan)	342
Texas Communicologist	Tex. Communicologist	343
Texas Medicine	Texas Med.	344
Therapeutic Notes	Therapeutic Notes	345
Today's Health	Today Hlth.	346
Today's Speech	Today's Speech	347
Tohoku Journal of Educational Psychology	Tohoku J. educ. Psychol. (Japan)	348
Tohoku Journal of Experimental Medicine	Tohoku J. exp. Med.	349
Training School Bulletin	Train. Sch. Bull.	350
Transactions of the American Academy of Ophthalmology and Otolaryngology	Trans. Amer. Acad. Ophthalmol. Otolaryngol.	351
Transactions of the American Neurological Association	Trans. Amer. neurol. Ass.	352
Transaction of the Beltone Institute for Hearing Research	Trans. Beltone Inst. hear. Res.	353
Turkish Journal of Pediatrics	Turk. J. Pediat. (Turkey)	354
Udito, Voce, Parola	Udito Voce Parola (Italy)	355
Urban Review	Urban Rev.	356
Il Valsalva	Valsalva (Italy)	357
Vestnik Oto-Rino-Laringologii	Vestn. ORL (USSR)	358
Voice	Voice (Canada)	359
Voice of the Desert	Voice Desert	360

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Journal Title (in full)	Abbreviation	Code Number on Main Journal Data Table
La Voix du Silence	Voix Silence (Italy)	361
Volta Review	Volta Rev.	362
Voprosy Psikhologii	Vop. Psikhol. (USSR)	363
Washington Speech and Hearing Association Newsletter	Wash. Speech hear. Ass. Newsletter	364
Western Speech	West. Speech	365
World Medical Journal	World med. J. (Denmark)	366
Zeitschrift Die Rehabilitation	Z. Rehab. (Germany)	367
Zeitschrift für Laryngologie Rhinologie, Otologie und ihre Grenzgebiete	Z. Laryngol. Rhinol. Otol. (Germany)	368
Zhizn'Glukhikh	Zhizn Glukh. (USSR)	369
Zhurnal Ushnykh, Nosovykh i Gorlovykh Boleznei	Z. ush. nos. i gorl. bol. (USSR)	370
Zhurnal Vysshei Nervoi Deiatel'nosti	Zh. vyssh. nerv. Deiatel. (USSR)	371
Zpravodaj Svazu Ceskoslovenskych Invalidu	Zpravodaj Sv. Csl. Invalidu (Czechoslovakia)	372
Books	Books	373

A QUANTITATIVE ANALYSIS OF THE JOURNAL
LITERATURE OF SPEECH PATHOLOGY AND AUDIOLOGY

by

ROBERT DALE MITCHELL

B. A., University of South Florida, 1964

AN ABSTRACT OF A MASTER'S REPORT

submitted in partial fulfillment of the

requirements for the degree

MASTER OF ARTS

Department of Speech

KANSAS STATE UNIVERSITY
Manhattan, Kansas

1969

The purpose of this study was to gather information on journals which published articles in the areas of deafness, speech, and hearing. The specific goals were to: 1) provide quantitative data on articles by specific subject categories, 2) determine which journals published articles frequently within the specific subject categories, and 3) determine the number of publications and relative journal rank, independent of subject category, within the areas of speech pathology and audiology. ASH Abstracts, Volumes 4 through 8 (1964 through 1968), served as the source for the published articles. The methods section described the data selection, data coding, key punching, and respective reliability checks. The data were analyzed by a computer and printed out in tabular form.

The results section presented and discussed the tables and their applications to the field of speech pathology and audiology. The first table provided quantitative data on journal articles by 34 specific subject categories. The data were presented by number of articles, percent of articles, and number of journals in each of the subject categories. Next, a group of tables provided data that indicated which journals published articles frequently within each of the specific subject categories. These tables listed: 1) the journals, and 2) the number of articles in each journal to account for at least 50 percent of the articles in each subject category. The remaining tables listed the number of publications and relative journal rank,

independent of subject category, within the areas of speech pathology and audiology. Journal users may use the results to assist in estimating the adequacy of their journal holdings in the areas of speech pathology and audiology.