

DOCUMENT RESUME

ED 134 823

08

CE 010 057

AUTHOR Blue, James L.; And Others
TITLE Occupational Communications Skills Analysis. Final Report.
INSTITUTION Washington State Commission for Vocational Education, Olympia.
SPONS AGENCY Center for Adult, Vocational, Technical, and Manpower Education (DHEW/OE), Washington, D.C.
BUREAU NO V0073VZ
PUB DATE May 76
GRANT OEG-0-74-1726
NOTE 314p.

EDRS PRICE MF-\$0.83 HC-\$16.73 Plus Postage.
DESCRIPTORS Agricultural Occupations; *Communications; *Communication Skills; Curriculum Development; Curriculum Planning; Health Occupations; Job Analysis; *Occupational Information; Occupational Surveys; *Occupations; Office Occupations; Oral Communication; Research; *Skill Analysis; Technical Occupations; Verbal Communication; Vocational Education; Writing Skills

ABSTRACT

Since speaking, writing, listening and reading are used daily in the performance of virtually all jobs for which vocational training is available, a project was conducted with the following objectives: (1) To determine basic communication skills that are common to jobs in seven occupational fields, (2) to identify the basic communications skills needed for employee entry level competency, and supervisor level competency, and (3) to disseminate the project results. Employees and supervisors from 30 occupational clusters answered written questionnaires about the communications skills involved in sending communications and receiving communications. Skills were divided into ways of communicating, kinds of information, and effectiveness of communications. Job categories were selected on the basis of existing programs, projected programs, and an Employment Security list of projected needs. In general, it was found that questionnaire respondents relied heavily on oral communications for both sending and receiving communications on a job. Talking and listening to one person face-to-face was reported as the most frequent way of communicating. Communication curricula, based on a task analysis of the job, should be developed in all vocational fields and should emphasize the development of one-to-one, face-to-face talking and listening skills and informal writing skills. The bulk of this report consists of tables and graphs depicting results for the seven occupational groups as well as for individual occupations within those groups. Major occupational categories are agricultural, business and office, distributive and marketing, health, home and family life, technical, and trade and industrial. Appendixes contain the questionnaires used with employees, supervisors, employee advisory groups, and supervisor advisory groups. (Author/HD)

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Occupational Communications Skills Analysis

Funded by special grant under Part C;
Public Law 90-576
U. S. Department of Health, Education and
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Washington State
Commission for Vocational Education

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ABSTRACT

GRANT #OEG-0-74-1726

PROJECT #V0073VZ

TITLE: OCCUPATIONAL COMMUNICATIONS SKILLS ANALYSIS

PERSONNEL: James L. Blue, Project Director
Archie G. Breslin
Arlene S. Buchanan
Robert L. Leingang

AGENCY: Washington State Commission for Vocational Education

AUDIENCE: (a) vocational instructors teaching communications skills;
(b) vocational instructors supplementing general communications courses;
(c) communications specialists teaching job-related communications skills;
(d) curriculum specialists developing job-related curricula in communications.

PROBLEM: Communication curricula and the materials that support them tend to teach: (1) speaking, to make a formal presentation; (2) writing, to produce a term paper or report; (3) reading and listening to support these activities.

Speaking, writing, listening and reading are used daily in the performance of virtually all jobs for which vocational training is available.

Therefore, it is appropriate that information about these occupational communications skills should be provided to persons charged with teaching them.

OBJECTIVES: 1. To determine basic communications skills that are common to jobs in seven occupational fields.
2. To identify the basic communications skills needed for (a) employee entry level competency, and (b) supervisor level competency.
3. To disseminate the project results.

METHODOLOGY: Employees and supervisors from thirty occupational clusters answered written questionnaires about the communications skills involved in sending communications and receiving communications. Skills were divided into: (1) ways of communicating, (2) kinds of information, (3) effectiveness of communications.

Job categories were selected on the basis of existing programs, projected programs, and an Employment Security list of projected needs.

CONCLUSIONS AND RECOMMENDATIONS: In general, this analysis reports that questionnaire respondents relied heavily on oral communications for both sending and receiving communications on a job. Talking and listening to one person face-to-face was reported as the most frequent way of communicating.

Communication curricula, based on a task analysis of the job, should be developed in all vocational fields. This curricula should emphasize the development of one-to-one, face-to-face talking and listening skills and informal writing skills.

FINAL REPORT

Project Number V0073VZ
Grant Number OEG-O-74-1726

OCCUPATIONAL COMMUNICATIONS SKILLS ANALYSIS

James L. Blue, Project Director
Archie G. Breslin
Arlene S. Buchanan
Robert L. Leingang

WASHINGTON STATE COMMISSION FOR VOCATIONAL EDUCATION

Olympia, Washington 98504
May, 1976

The Research reported herein was performed pursuant to a special research grant from the Office of Education, U. S. Department of Health, Education, and Welfare under Part C, Public Law 90-576. Contractors undertaking such projects under Government sponsorship are encouraged to express freely their professional judgment in the conduct of the project. Points of view or opinions stated do not, therefore, necessarily represent official Office of Education position or policy.

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE

Office of Education
Division of Research and Demonstration
Bureau of Occupational and Adult Education
Center for Adult, Vocational, Technical and Manpower

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CHAPTER I

INTRODUCTION

Vocational education programs are frequently criticized for providing communications skills training that does not relate to the technical skills of the job. The potential auto mechanic, carpenter, and clerk-typist have quite often found themselves studying and being held responsible for the same kinds of communications as all other vocational students. Some vocational students find themselves studying and being held responsible for the same kinds of communications as the potential doctor and lawyer. As a result, questions have been asked about the kinds of communications skills needed by persons who are engaged in the various occupations. It seems appropriate to answer these questions.

Tools necessary to do a job should--must--be designed for that particular job. Communications skills are tools. It is vital that the objectives of a communications unit, course, and/or program be directed precisely to the occupational need of the trainee.

An examination of textbooks and commercially produced supplementary classroom materials revealed that most communications subject matter contained in these materials tends to be (1) speaking, to make a formal presentation; (2) writing, to produce a term paper or technical report; and (3) reading and listening, to stimulate or support these activities. A review of educational research publications in the area of communications skills indicated that little has been done to identify speaking, writing, reading and listening skills that are used on jobs.

Speaking, writing, listening and reading are used daily in the performance of virtually all jobs for which vocational training is available. These skills are used during the informal interactions of employees and supervisors and include: giving and receiving directions, instructions and orders; describing and defining materials, processes and requirements; asking for information and services; and explaining technical processes in non-technical terms.

Communication has become an integral part of job skills. It seems appropriate that information about these occupational communications skills should be provided to persons charged with teaching them.

The initial activity of the Occupational Communications Skills Analysis Project was an ERIC search which was conducted by the Washington State Research Coordinating Unit in response to a request from the investigators. Descriptors requested were (a) communication skills, (b) verbal ability, (c) oral expression, (d) oral communication, (e) verbal communication (f) vocational education, (g) occupations, (h) skilled occupations, and (i) technical occupations. The search revealed seventy (70) references to some aspect

of communications in occupational or vocational education settings. In addition, some thirty (30) technical manuals, texts, curriculum guides and studies on communications were examined.

From the ERIC search, it was discovered that of the seventy (70) reference items, twenty-nine (29), or just over 41% were directed toward the occupational communications skills development of the physically or mentally handicapped and/or the educationally deprived. The other items dealt with communication skills needed by teachers, while others were not even that closely allied to this study.

Several of the references, however, seemed to lend themselves to use by the classroom teacher or curriculum developer and others can be adapted for use when teaching communications skills to vocational students. Some of those that can be adapted for use are:

ED096476 CEO02088

CORRELATED CURRICULUM PROGRAM: AN EXPERIMENTAL PROGRAM, ENGLISH LEVEL 1. PROJECT NO. 10006.

Nadell, Sara Anne; and others. New York City Board of Education, Brooklyn, New York. Bureau of Curriculum Development.

ED092785 CEO01532

GENERIC SKILLS IN THE REASONING AND INTERPERSONAL DOMAINS

Smith, Arthur De W; and others. Training Research and Development Station, Prince Albert (Saskatchewan).

ED099053 CS200954

BUILDING INDUSTRIAL COMMUNICATIONS: LISTENING, SPEAKING, WRITING, READING. GRADE XII. Natchitoches Parish School Board, La.

ED088051 CS200952

INDUSTRIAL COMMUNICATION READING, SPEAKING, LISTENING, WRITING, GRADE XII. Natchitoches Parish School Board, La.

ED084615 CS500510

CAREER COMMUNICATION AND THE COMMUNITY COLLEGE
Muchmore, John

ED067691 CS200167

DISTRIBUTIVE EDUCATION 1-8726 (COMMUNICATION SKILLS RELATING TO MARKETING AND DISTRIBUTION), Dept. 48: 8726.3
Dade County Public Schools, Miami, Florida

ED065665 VT015581

INSTRUCTIONAL MATERIALS VOCATIONAL RELATED ENGLISH

Oklahoma State Department of Vocational and Technical Education,
Stillwater, Oklahoma

ED003093 08
PROGRAM FOR TECHNICAL COMMUNICATIONS TRAINING INSTITUTE FOR TECHNICAL
EDUCATION TEACHERS, SUMMARY REPORT.
Weisman, Herman M. Colorado State Univ. Fort Collins

ED001428
ENGLISH FOR VOCATIONAL SCHOOLS
Johnston, Frank P.; and others, New York State Department of
Education, Albany, New York

EJO55784 VT503536
COORDINATED OCCUPATIONAL COMMUNICATIONS: AN EXPERIMENT IN KANSAS
VOCATIONAL SCHOOLS
Jones, Dolores; American Vocational Journal; 47;4; 46-68 Apr. 72

EJO34286 VT502227
TODAY'S COMMUNICATIONS IN CLERICAL PRACTICE
Green, Helen H., Business Education Forum; 25;5; 14-16 Feb. 71

ED029951 VT007225
OCCUPATIONAL COMMUNICATION COMPETENCIES: A LIST OF AUDIO-VISUAL
AIDS FOR HELPING PUPILS ACQUIRE OCCUPATIONALLY USEFUL ORAL
COMMUNICATION CAPABILITIES

An examination of the other sources provided five volumes that
are closely allied to this study, plus one--the Saskatchewan
project--that provides strong reinforcement for the results of the
investigation undertaken by this project. The six publications
that provide subject matter and material that are closely related
to the kinds of information obtained from this survey:

DEVELOPMENT OF AN INSTRUMENT FOR PRESCRIBING COMPENSATORY EDUCATION
FOR VOCATIONAL TRAINEES June 1975, Research Coordinating Unit,
The Commission for Vocational Education, Building 17, Airdustrial
Park, Olympia WA 98504

THE PROFESSIONAL'S GUIDE FOR INSTRUCTION: INDUSTRIAL COMMUNICATIONS
Kent Public Schools, Kent School District #415, Kent WA 98031

A METHODOLOGY TO ASSESS THE CONTENT AND STRUCTURE OF AFFECTIVE AND
DESCRIPTIVE MEANINGS ASSOCIATED WITH THE WORK ENVIRONMENT December
1974, The Center for Vocational Education, The Ohio State University,
1960 Kenny Road, Columbus OH 43210

A VOCATIONAL APPROACH TO WRITTEN COMMUNICATIONS July 1974-March 1975
Nebraska State Department of Education, Division of Vocational
Education, and Nebraska Research Coordinating Unit, Box 33,
Henzlik Hall, University of Nebraska, Lincoln NE

COMMUNICATIONS REQUIREMENTS FOR TECHNICAL OCCUPATIONS 1970, The
Commission for Vocational Education (formerly Coordinating Council
for Occupational Education), Building 17, Airdustrial Park, Olympia
WA 98504

GOALS AND OBJECTIVES

The purpose of the project was to gather information necessary for building: (1) curriculum materials related to communications skills used every day on the job, and (2) a vocabulary supportive of the technical vocabulary learned in technical skills programs.

The objectives of this project are:

1. To determine 15-25 basic communications skills involving speaking, writing, reading and listening that are common to jobs in seven occupational fields.
2. To identify the basic communications skills involving speaking, writing, reading and listening that are needed for (a) employee entry level competency, and (b) supervisor level competency.
3. To determine a basic vocabulary of 50-100 descriptive and discriminative words/phrases that allow effective application of the technical vocabulary used in seven occupational fields.
4. To disseminate the project results to educational agencies in the ten northwestern states of Alaska, Colorado, Idaho, Montana, North Dakota, Oregon, South Dakota, Utah, Wyoming and Washington, served by the Northwestern Vocational Curriculum Management Center; and to the other five Curriculum Management Centers in the National Network of Curriculum Coordination for Vocational-Technical Education

Educators who might benefit from these findings are:

- (a) vocational instructors who are responsible for teaching related communications skills;
- (b) vocational instructors who see a need to supplement general communications courses with training in specific communications skills;
- (c) communications specialists charged with teaching job-related communications skills;
- (d) curriculum specialists charged with developing job-related curricula in communications.

It is hoped that this information can be used to make communications skills training more supportive of technical skill training and more relevant to potential jobs.

METHOD

Employees and supervisors from thirty (30) occupational clusters were asked to participate in an occupational communications skills survey. Survey respondents were:

- (1) entry level employees, who were selected by instructors of cooperating educational agencies, working in their vocational skill area who had graduated from a vocational education program at least one year prior to this survey;
- (2) supervisors who are the entry level employees' immediate supervisors;
- (3) members of advisory committees (employees and supervisors) who were advisors for corresponding vocational education programs.

Generally, the project was limited to an individual inquiry of the kinds of communications skills that persons employ in their occupational areas. No attempt was made to elicit responses from an equal number of persons in each occupation nor was there concern about equality of numbers between employees and supervisors. The techniques and instruments used to collect the materials were designed to accumulate learned opinion rather than to develop "pure" research. The intent is to use data obtained from persons most closely associated with and knowledgeable about what is, in fact, required on the job. By such procedures it should become feasible to make curriculum content decisions which are data-based and data-substantiated, instead of relying solely upon a panel of advisors or the experience of individual instructors.

Written survey questionnaires (Appendices A, B, C, D) collected information about the communications skills involved in sending communications (speaking and writing) and receiving communications (listening and reading.) The communications skills were divided into three groups: (1) ways of communicating, (2) kinds of information, and (3) effectiveness of communications.

An entry level employee and the employee's immediate supervisor from each of the 30 occupational clusters, answered a detailed questionnaire (Appendices A, B). Members of the advisory committees used condensed forms of the questionnaire (Appendices C, D). Employees responded to questions about communications with other employees, customers and their supervisors; supervisors responded to questions about communications with other supervisors, employees, customers and top management.

Occupation and job category selections were chosen on the basis of jobs for which entry level training is normally completed with high school and/or not more than two years of post-high training; of existing training programs, projected training programs, and a ~~Washington State Employment Security list of projected manpower~~ needs. State vocational administrators, specialists in the selected occupations, were consulted in order to determine the local education agencies with active, dynamic advisory committees. Local vocational program directors in these educational agencies were asked to cooperate in the project activities.

After the occupations and the job categories were selected, the occupational communications skills model was developed. Lists of communications skills were obtained by reviewing job descriptions, task analyses and published materials about the selected job categories and occupations. These lists were expanded and/or refined into a task inventory. This task inventory was used as the basis for a communication skills model. The occupational communications skills questionnaire was developed from the communications skills model.

The occupational communications skills analysis and questionnaire were explained orally, face-to-face to the entry level employee and the employee's supervisor. These respondents were instructed to complete the questionnaire in the order in which it was presented. They were asked to evaluate, according to their frequency of use, the listed communications skills, then rank them according to the first most frequently used, the second most frequently used, and the third most frequently used. The respondents began answering the questionnaire with the help of a project supervisor. They were then instructed to work alone on the remainder of the questionnaire and to mail the completed questionnaires to the project supervisor.

Advisory committee meetings were convened by local vocational personnel. A project supervisor attended the meetings to explain the occupations communications skill analysis and the questionnaire. During the meeting, each advisory committee member answered a condensed occupational communications skills questionnaire; at the end of the meeting, the project supervisor collected the completed questionnaires.

After the completion of the survey, computer services were employed to sort, summarize, tabulate, and rank the data collected from the occupational communications skills questionnaire. The data from the questionnaires were ranked according to the frequency of the participants' responses. The computerized communications skills rankings were further summarized by project supervisors so that the occupational communications skill analysis information could be graphically displayed for this report.

CHAPTER II

AGRICULTURAL OCCUPATIONS

Agricultural employee and supervisor responses to the Occupational Communications Skills Questionnaires are summarized in Figures 1-12.

Individual employee responses are summarized in Figures 1-6;
Individual supervisor responses are summarized in Figures 7-12.

Advisory Group employee and supervisor responses to the Condensed Occupational Communications Skills Questionnaires are summarized in Tables 1-12.

Advisory Group employee responses are summarized in Tables 1-6;
Advisory Group supervisor responses are summarized in Tables 7-12.

Individual Employees Responding to the
Occupational Communications Skills Questionnaire
(Appendix A)

Occupational Clusters

Agricultural business
Agricultural technology
Forest management
Nursery/Greenhouse
Ornamental horticulture

Job Categories

Management trainee
Truck driver
Crew foreman
Greenhouse employee
Gardener II

Advisory Group Employees Responding to the
Condensed Occupational Communications Skills Questionnaire
(Appendix C)

Occupational Clusters

Agricultural business

Agricultural technology

Forest management

Nursery/Greenhouse

Ornamental horticulture

Job Categories

Bookkeeper, Sales clerk and
Purchaser, Farm equipment
salesman, Tire salesman and
serviceman

Warehouseman, Segregator,
Forklift driver, Apple
sorter

Timber management assistant,
Forestry technician

General employee

Grounds superintendent,
General employee, Work/study
student

Analysis of Questionnaire Responses

Ways Employees Send Communications (Figure 1, Table 1) Analysis of agricultural employees' responses indicated that talking skills were used more frequently than writing skills. Information was given most frequently by talking to one person face-to-face. Individuals who completed the detailed questionnaire reported that they talked to persons in a group more frequently than they wrote communications. When writing was used, the employees selected memos and notes more frequently than the more formal communications of letters and reports. While the variance between talk and write is greater in the individual responses than in the advisory group responses, the ways of communicating were ranked in the same order.

Kinds of Information Employees Send in Communications, Talk/Write (Figures 2, 3, Tables 2, 3) Approximately two-thirds of the agricultural employees' responses fell into the categories of being assertive (giving advice, opinions, etc.), giving directions (directions, instructions, orders) and asking questions, in that order. The offering of opinions, listed in the assertive group, was the most frequent kind of information given. Opinions were given in the majority of cases by talking rather than by writing. When questions were asked, they were more likely to be spoken than written.

Ways Employees Receive Communications (Figure 4, Table 4) The questionnaire responses indicated that the agricultural employees received most frequently by listening to one person face-to-face. When reading was used to receive information, the employees answering the detailed questionnaire were most likely to read letters and reports; the advisory group employees answering the condensed questionnaire were most likely to read memos and notes.

Kinds of Information Employees Receive in Communications (Figures 5,6, Tables 5,6) The kinds of communications grouped as assertions (advice, opinions, etc.) and directions (directions, instructions, orders) are received most frequently by the employees. This information is usually received by listening.

AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

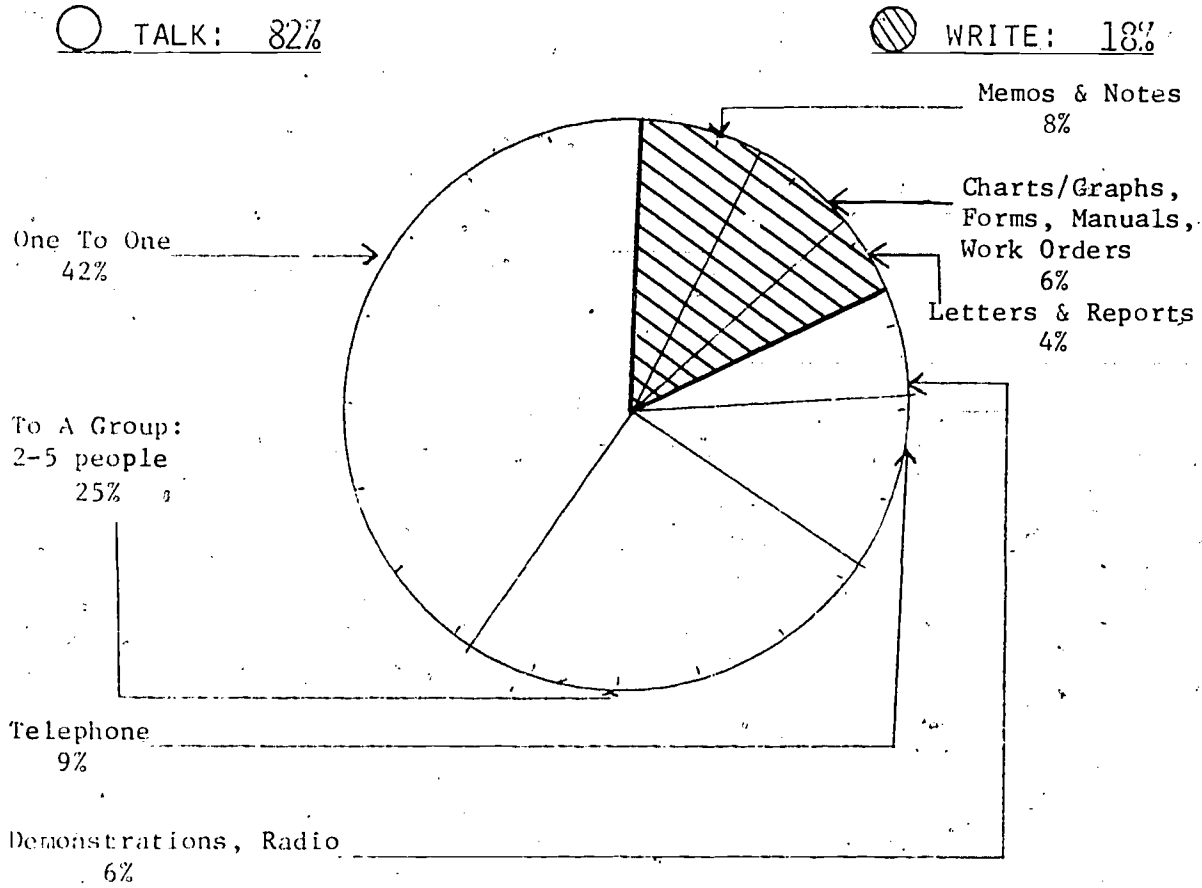


Figure 1

AGRICULTURAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

TALK: 68%

WRITE: 32%

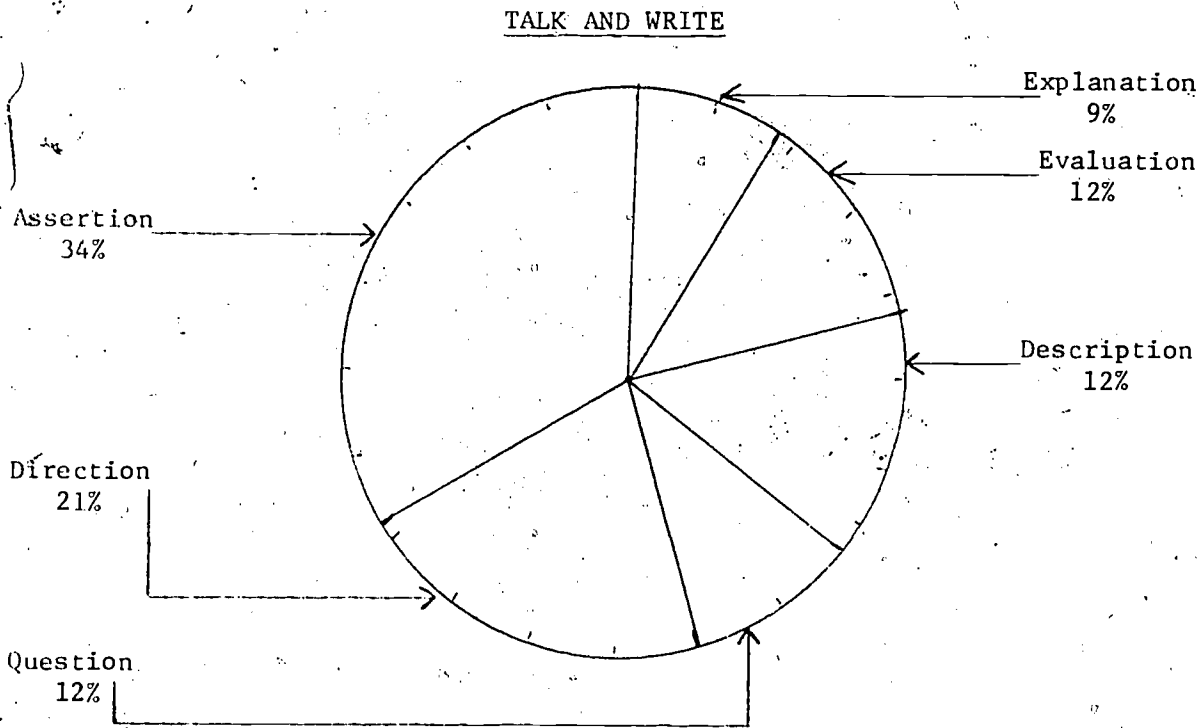
ONE TO ONE	36%	MEMOS & NOTES	21%
TO A GROUP: 2-5 PEOPLE	12%	CHARTS/GRAPHS, FORMS, MANUALS, WQRK ORDERS . .	10%
TELEPHONE	12%	LETTERS & REPORTS	3%
DEMONSTRATIONS, RADIO . .	8%		

Table 1

AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assess, appreciate, compliment, correct, scold, reprimand.

Figure 2

12

AGRICULTURAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	27%
DIRECTION	19%
QUESTION	18%
EXPLANATION . . .	16%
EVALUATION	12%
DESCRIPTION	8%

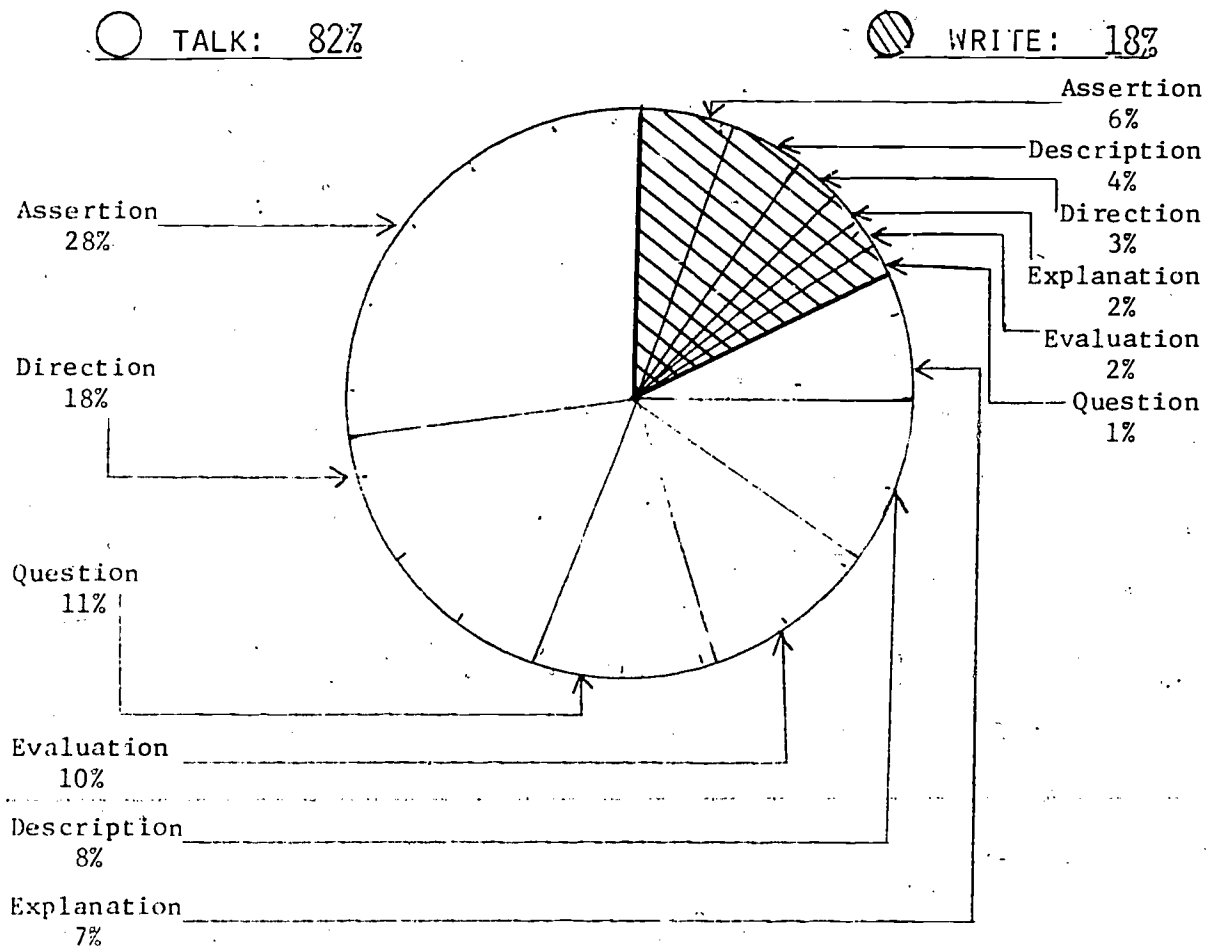
ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL, PROPOSE, SUGGEST;
DIRECTION: DIRECT, INSTRUCT, ORDER.
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD, REPRIMAND.

Table 2

AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 3

AGRICULTURAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

<u>TALK 68%</u>	<u>WRITE 32%</u>
ASSERTION 19%	DIRECTION 9%
QUESTION 16%	ASSERTION 8%
DIRECTION 10%	EXPLANATION 6%
EXPLANATION 10%	DESCRIPTION 4%
EVALUATION 9%	EVALUATION 3%
DESCRIPTION 4%	QUESTION 2%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT,
SCOLD, REPRIMAND.

Table 3
15

AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATION

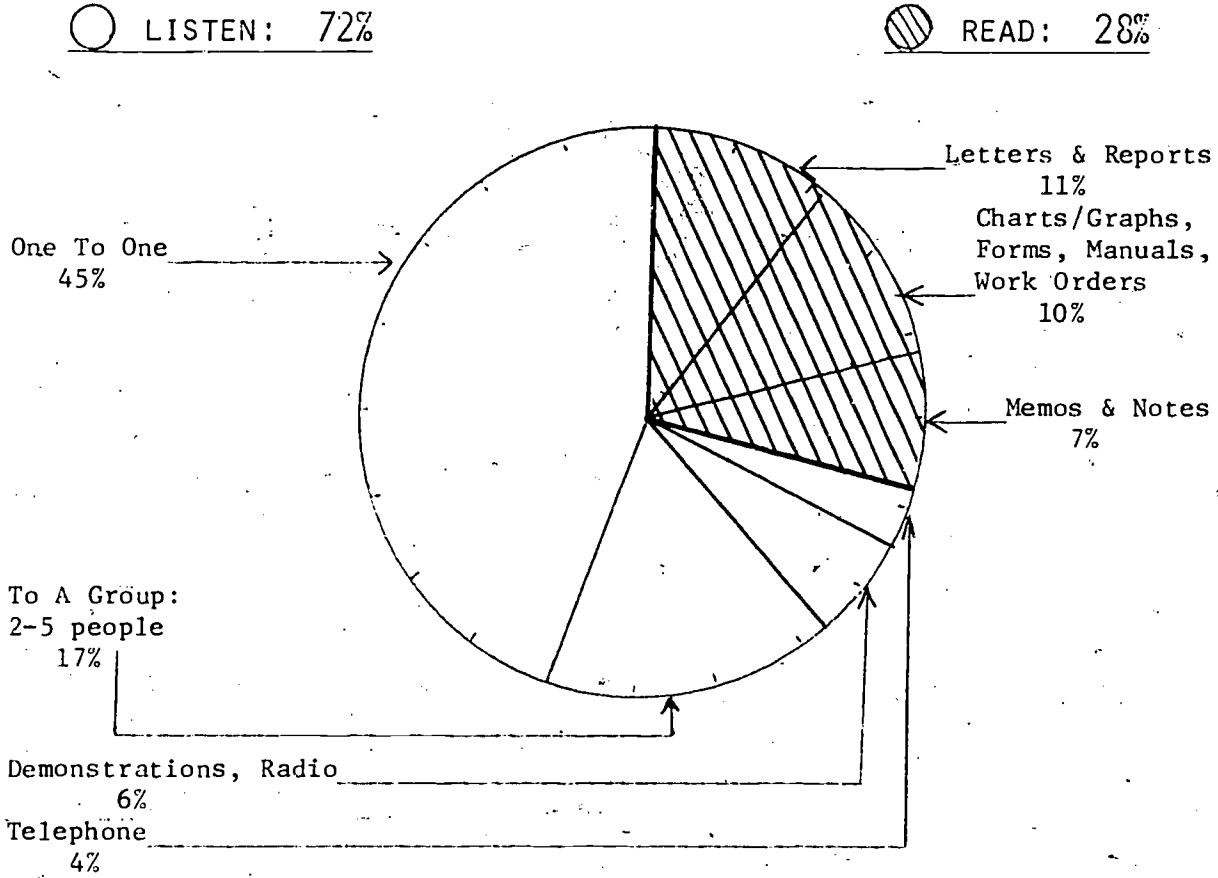


Figure 4

AGRICULTURAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATIONS

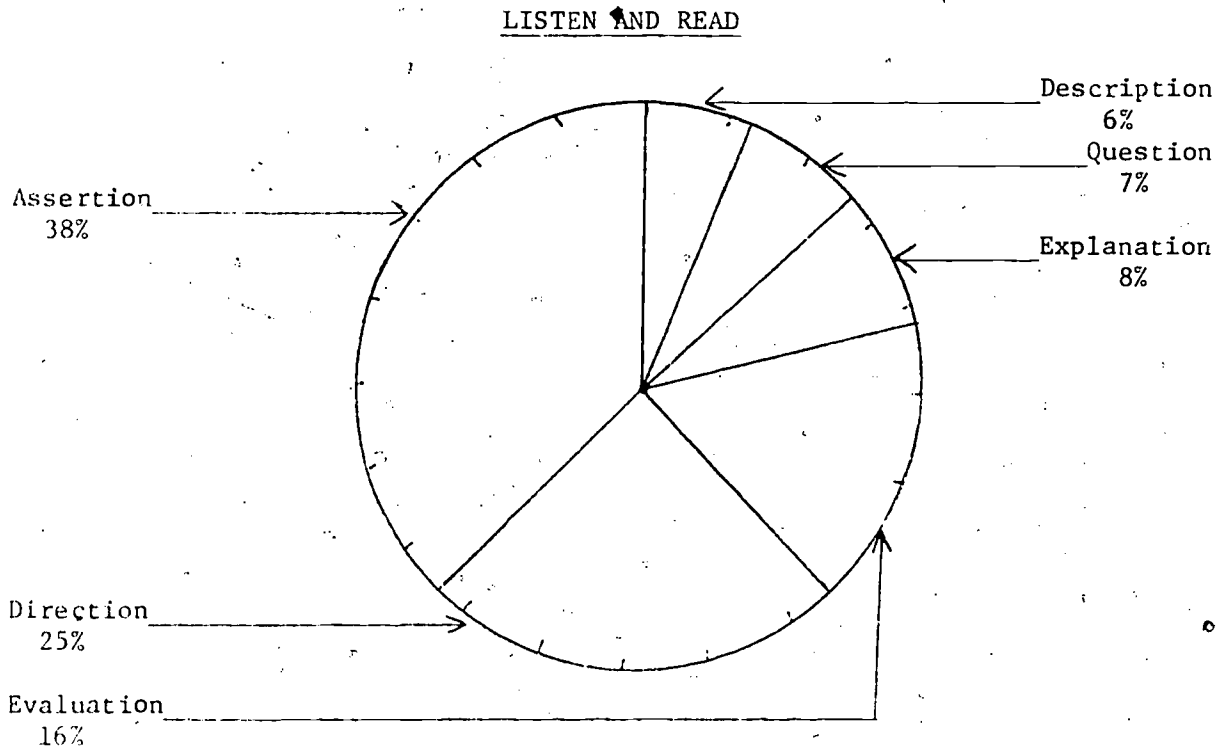
<u>LISTEN: 70%</u>	<u>READ: 30%</u>
ONE TO ONE 36%	MEMOS & NOTES 17%
TELEPHONE 13%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS . . . 9%
DEMONSTRATIONS, RADIO . . . 12%	LETTERS & REPORTS 4%
TO A GROUP: 2-5 PEOPLE . . . 9%	

Table 4

AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 1

AGRICULTURAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

LISTEN AND READ

DIRECTION	29%
ASSERTION	21%
QUESTION	19%
EVALUATION	12%
EXPLANATION	10%
DESCRIPTION	9%

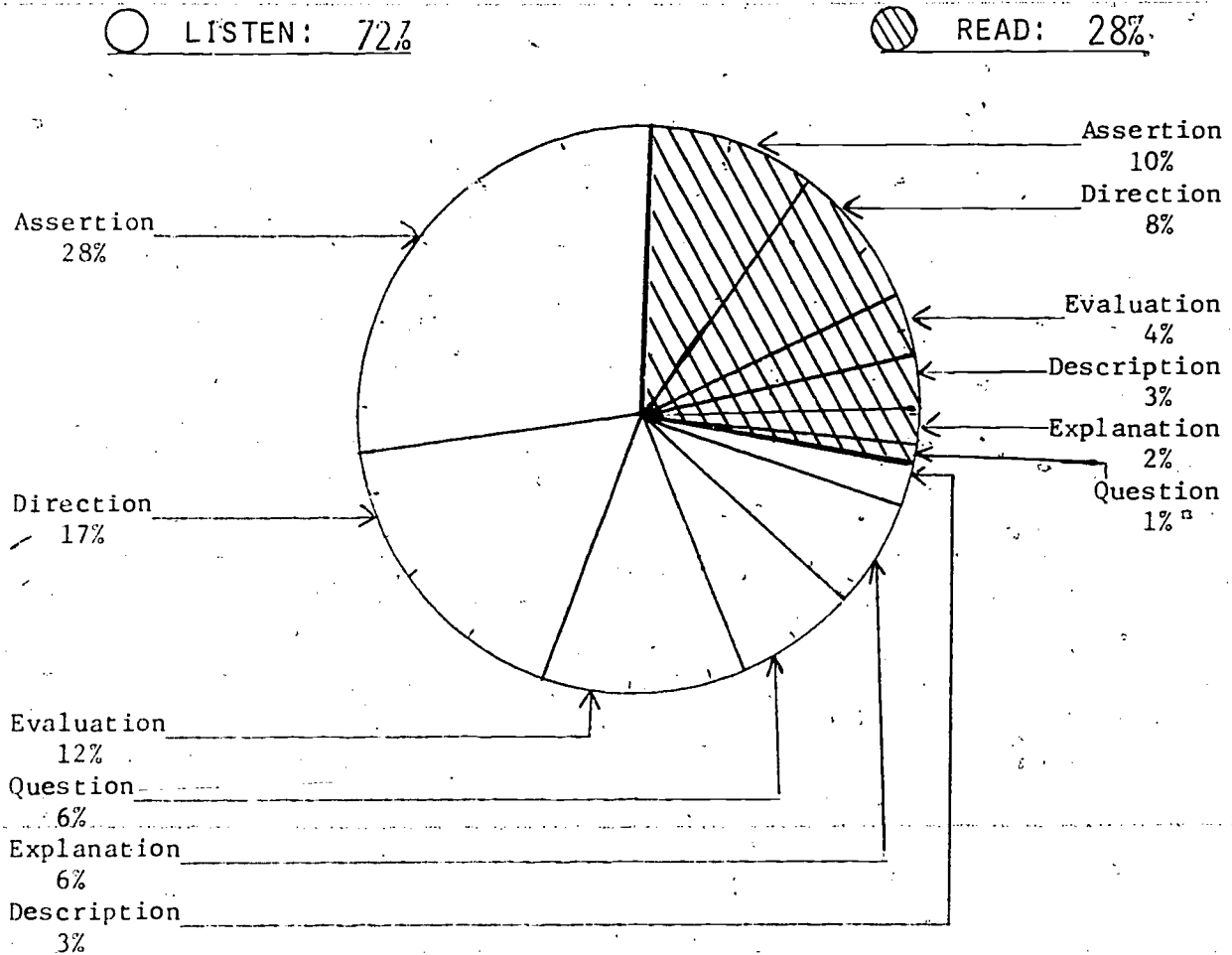
- ASSERTION: ADVISE, OPINION, PROPOSE, RECOMMEND, SELL,
PERSUADE, SUGGEST.
- DIRECTION: DIRECT, INSTRUCT, ORDER.
- EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT,
SCOLD, REPRIMAND.

Table 5

AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 6

AGRICULTURAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

<u>LISTEN: 70%</u>	<u>READ: 30%</u>
DIRECTION 18%	DIRECTION 11%
ASSERTION 16%	ASSERTION 5%
QUESTION 15%	QUESTION 4%
EVALUATION 9%	EXPLANATION 4%
EXPLANATION 6%	EVALUATION 3%
DESCRIPTION 6%	DESCRIPTION 3%

ASSERTION: ADVISE, OPINION, PROPOSE, RECOMMEND, SELL, PERSUADE, SUGGEST.
 DIRECTION: DIRECT, INSTRUCT, ORDER.
 EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD, REPRIMAND.

Table 6

Individual Supervisors Responding to the
Occupational Communications Skills Questionnaire
(Appendix B)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Agricultural business	Area salesman
Agricultural technology	Assistant general manager
Forest management	Timber management assistant
Nursery/Greenhouse	Greenhouse manager
Ornamental horticulture	Director

Advisory Group Supervisors Responding to the
Condensed Occupational Communications Skills Questionnaire
(Appendix D)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Agricultural business	Agronomist, Production controller, Vice-president, Farm operator, Production foreman, President, General manager
Agricultural technology	Packing foreman, General manager, Warehouse foreman, Fieldman, Assistant manager, Supervisor, Shipping foreman
Forest management	District manager, District supervisor
Nursery/Greenhouse	Co-owner, Partner, Supervisor Assistant manager, Owner
Ornamental horticulture	Gardener II, Designer, Foreman, Owner, Secretary

Analysis of Questionnaire Responses

Ways Supervisors Send Communications (Figure 7, Table 7) When agricultural supervisor responses to both questionnaires were ranked, they were identical. The agricultural supervisors indicated that talking was their most frequent way of sending communications; talking to one person face-to-face and talking to a group of 2-5 persons were reported as the most frequently used communications. When communications were written, the supervisors indicated that they usually wrote memos and notes.

Kinds of Information Supervisors Send in Communications (Figures 8, 9, Tables 8, 9) The agricultural supervisors reported that the information most frequently sent by them included the kinds of communications summarized as assertion (advice, opinion, etc.). Over 1/3 of the supervisor responses were reported in this group. When the responses of supervisors from both questionnaires were ranked

by frequency, the kinds of information sent by supervisors ranked in the same order. According to the occupational cluster analysis about 1/2 of the responses made by agricultural business supervisors recorded the kinds of information given as opinions (part of the assertion group) and directions (part of the direction group); over 2/3 of the agricultural business supervisors responses to these kinds of information indicated talking as the way of communicating the information. Supervisors in forest management, nursery/greenhouse and ornamental horticulture indicated that they most frequently asked questions and gave explanations when they were sending communications. The usual way of communicating these kinds of information was oral.

Ways Supervisors Receive Communications (Figure 10, Table 10)

Supervisors answering both questionnaires reported listening as the most frequent way of receiving information; listening to one person face-to-face was most frequently reported. Other frequent selections included listening to a group of 2-5 persons and listening by telephone. When reading was used to receive information, the supervisors indicated that they were most likely to read memos and notes.

Kinds of Information Supervisors Receive in Communications (Figures 11, 12, Tables 11, 12) Supervisor questionnaire responses indicated that the communication categories grouped as assertions (advice, opinions, etc.) and directions (directions, instructions, orders) are the kinds of information received most frequently by the supervisors. When single communications categories were considered, the supervisors selected questions most frequently. These kinds of information were usually received by listening.

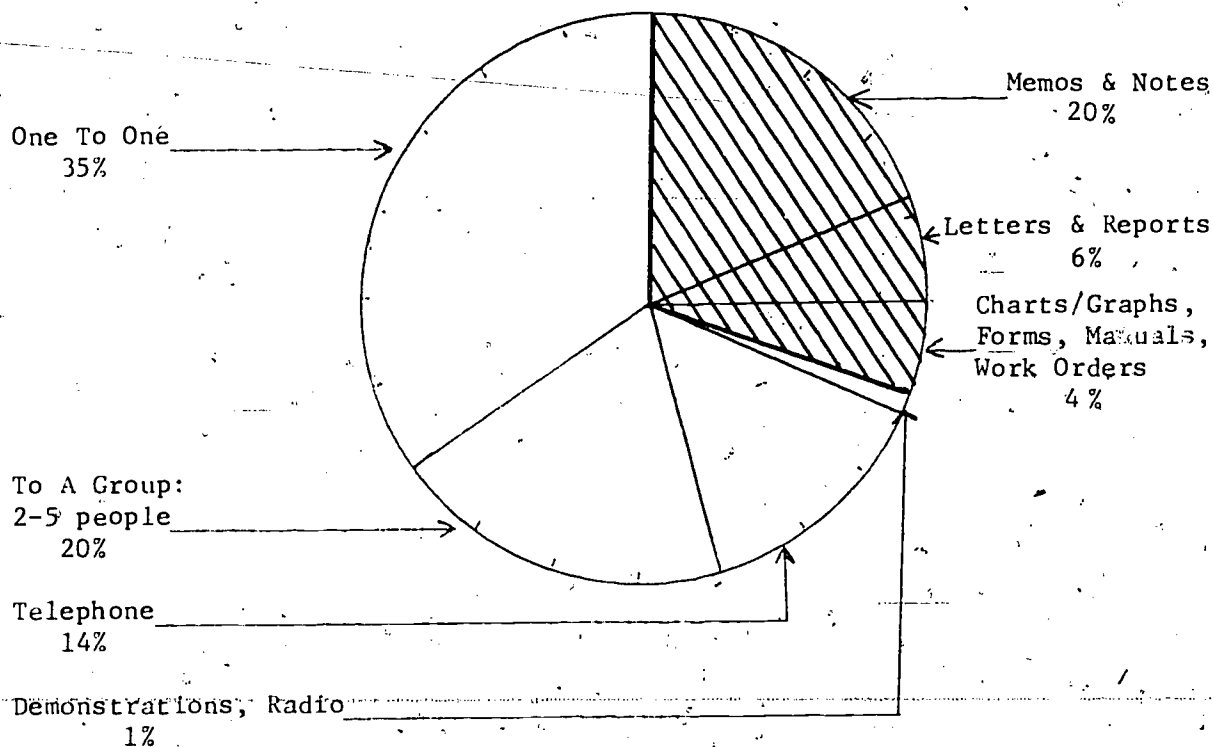
AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS

○ TALK: 70%

◐ WRITE: 30%



AGRICULTURAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

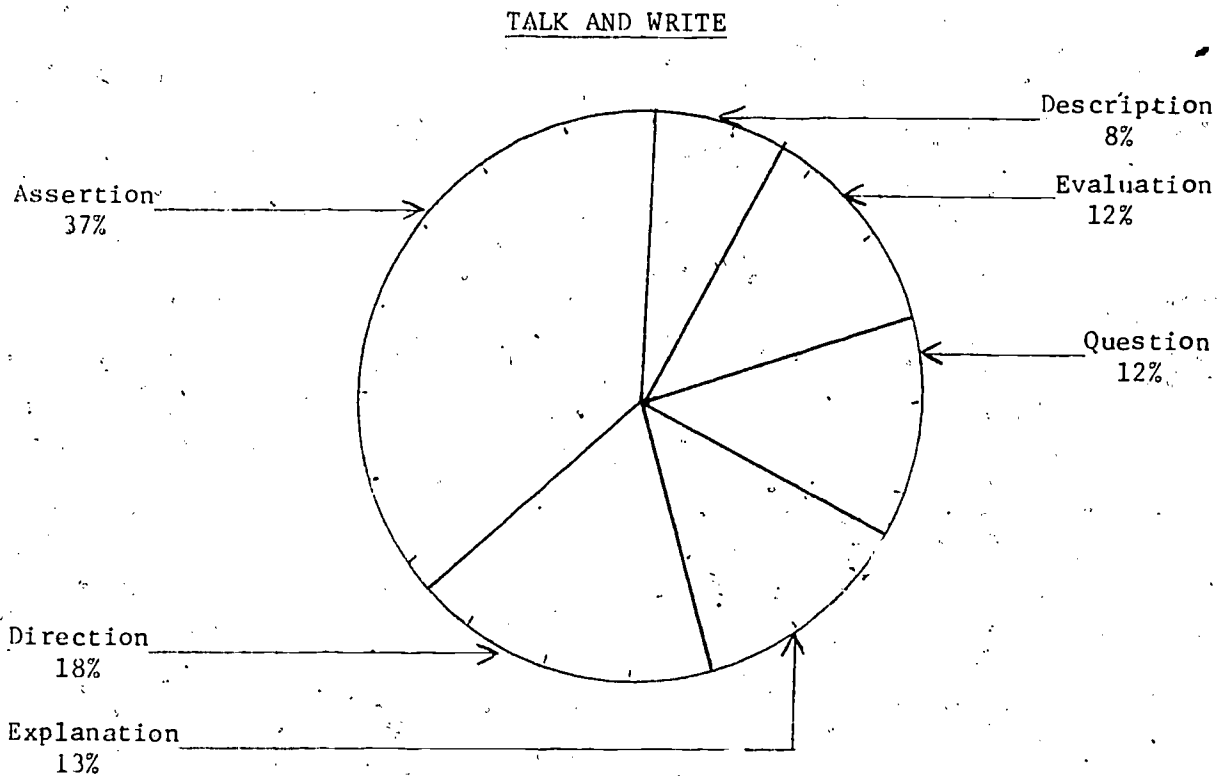
WAYS SUPERVISORS SEND COMMUNICATIONS

ONE TO ONE	35%	MEMOS AND NOTES . . .	15%
TO A GROUP: 2-5 PEOPLE	16%	LETTERS & REPORTS . .	4%
TELEPHONE	15%	CHARTS/GRAPHS, FORMS, .	4%
DEMONSTRATIONS, RADIO .	11%	MANUALS, WORK ORDERS	

AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 8

AGRICULTURAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	42%
DIRECTION	21%
EXPLANATION	12%
QUESTION	12%
EVALUATION	7%
DESCRIPTION	6%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

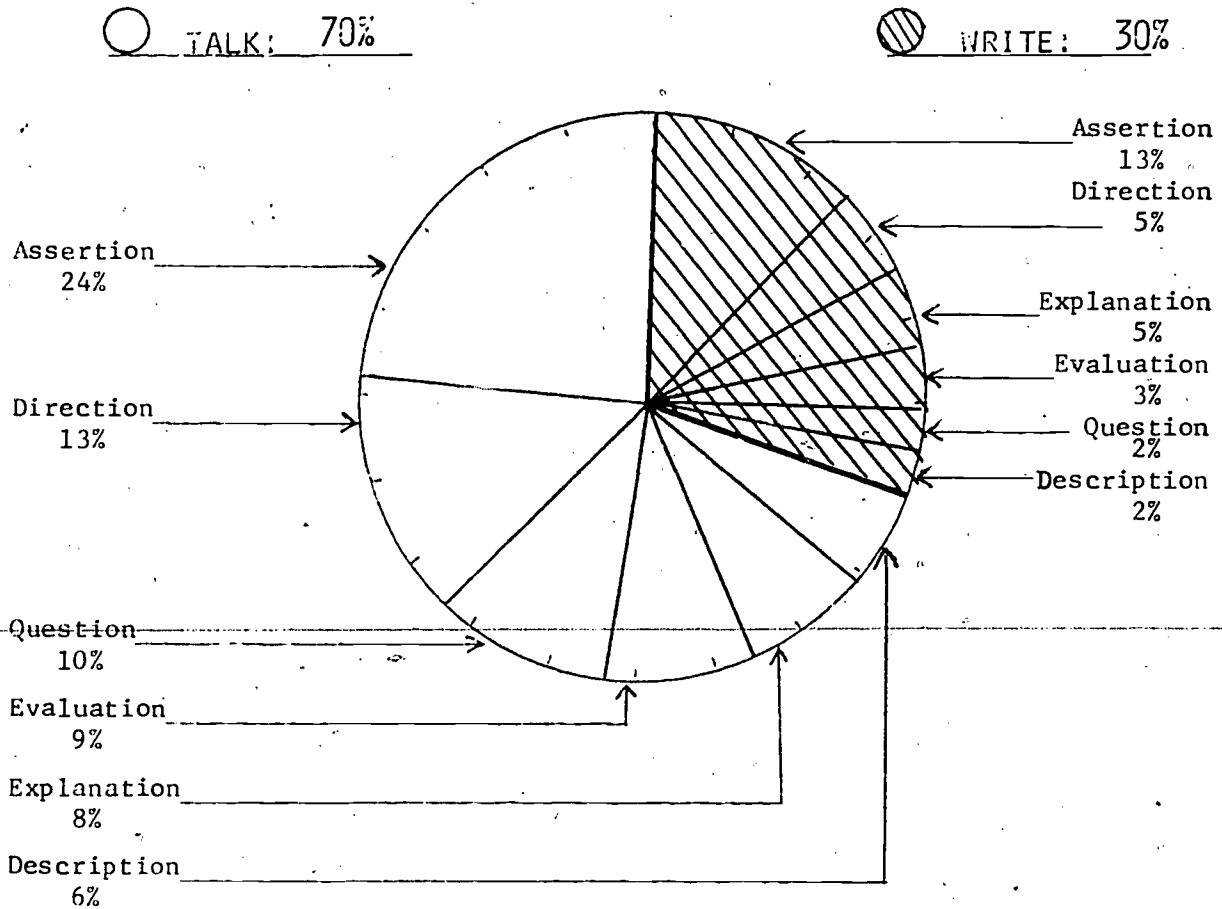
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT,
SCOLD, REPRIMAND.

Table 8

AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 9

AGRICULTURAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

TALK: 77%

WRITE: 23%

ASSERTION 33%	ASSERTION 9%
DIRECTION 14%	DIRECTION 7%
QUESTION 11%	EXPLANATION 3%
EXPLANATION 9%	DESCRIPTION 2%
EVALUATION 6%	QUESTION 1%
DESCRIPTION 4%	EVALUATION 1%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL, PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD, REPRIMAND.

Table 9

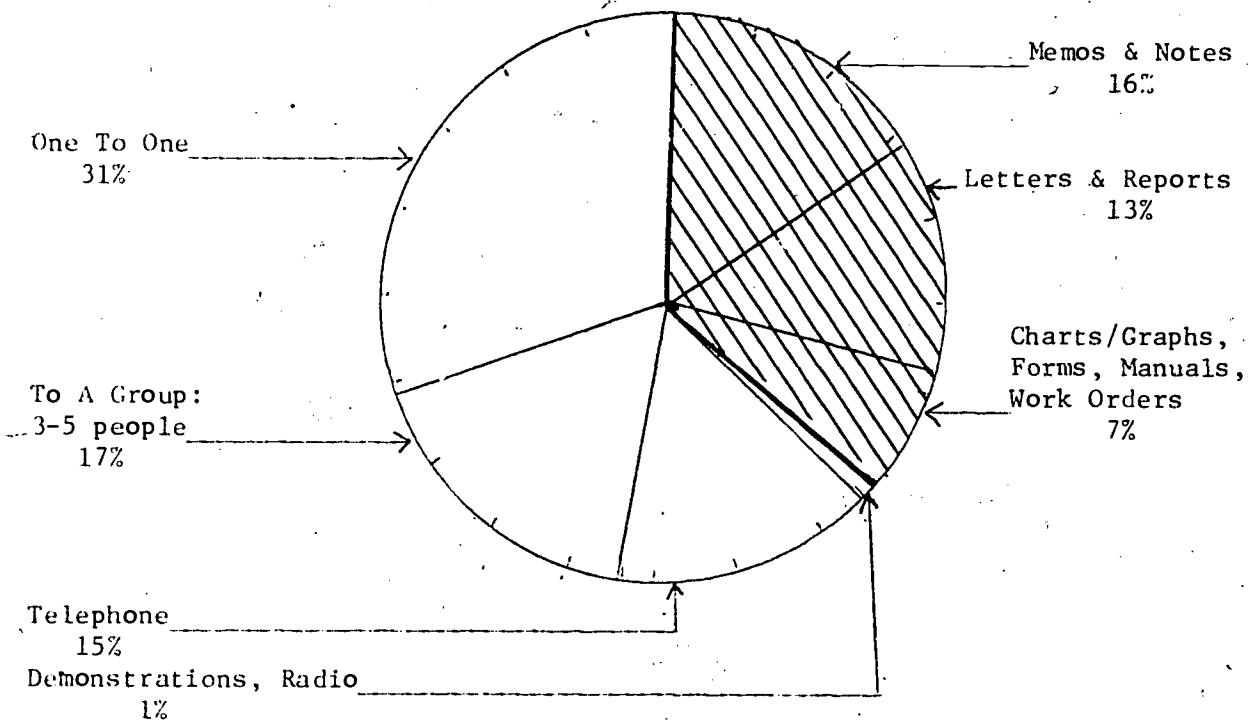
AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATION

○ LISTEN: 64%

⊘ READ: 36%



AGRICULTURAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATIONS

LISTEN: 80%

READ: 20%

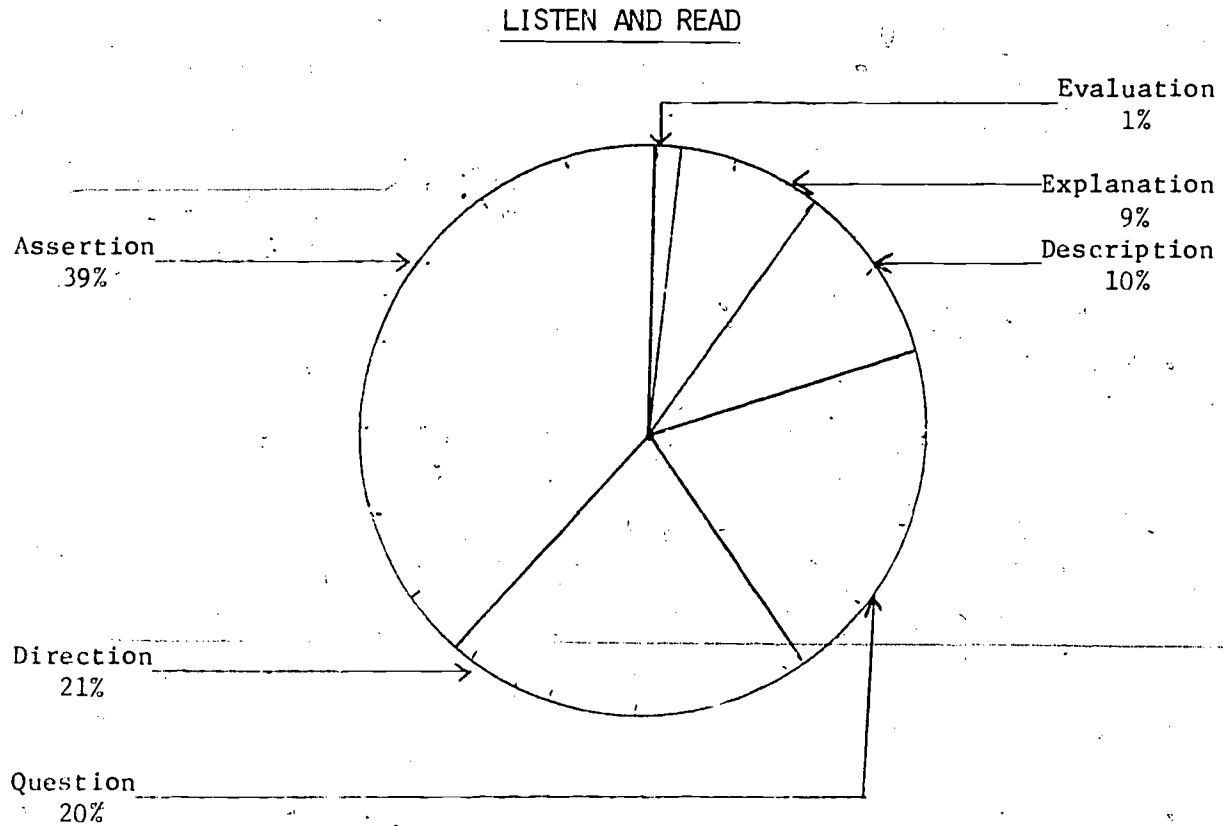
ONE TO ONE	35%	MEMOS & NOTES	12%
TELEPHONE	23%	LETTERS & REPORTS	6%
TO A GROUP: 2-5 PEOPLE	12%	CHARTS/GRAPHS, FORMS,	
DEMONSTRATIONS, RADIO	10%	MANUALS, WORK ORDERS	2%

Table 10

AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

E valuation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 11

AGRICULTURAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

LISTEN AND READ

ASSERTION	30%
QUESTION	26%
DIRECTION	21%
EXPLANATION	12%
EVALUATION	7%
DESCRIPTION	4%

- ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.
- DIRECTION: DIRECT, INSTRUCT, ORDER.
- EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT,
SCOLD, REPRIMAND.

Table 11.

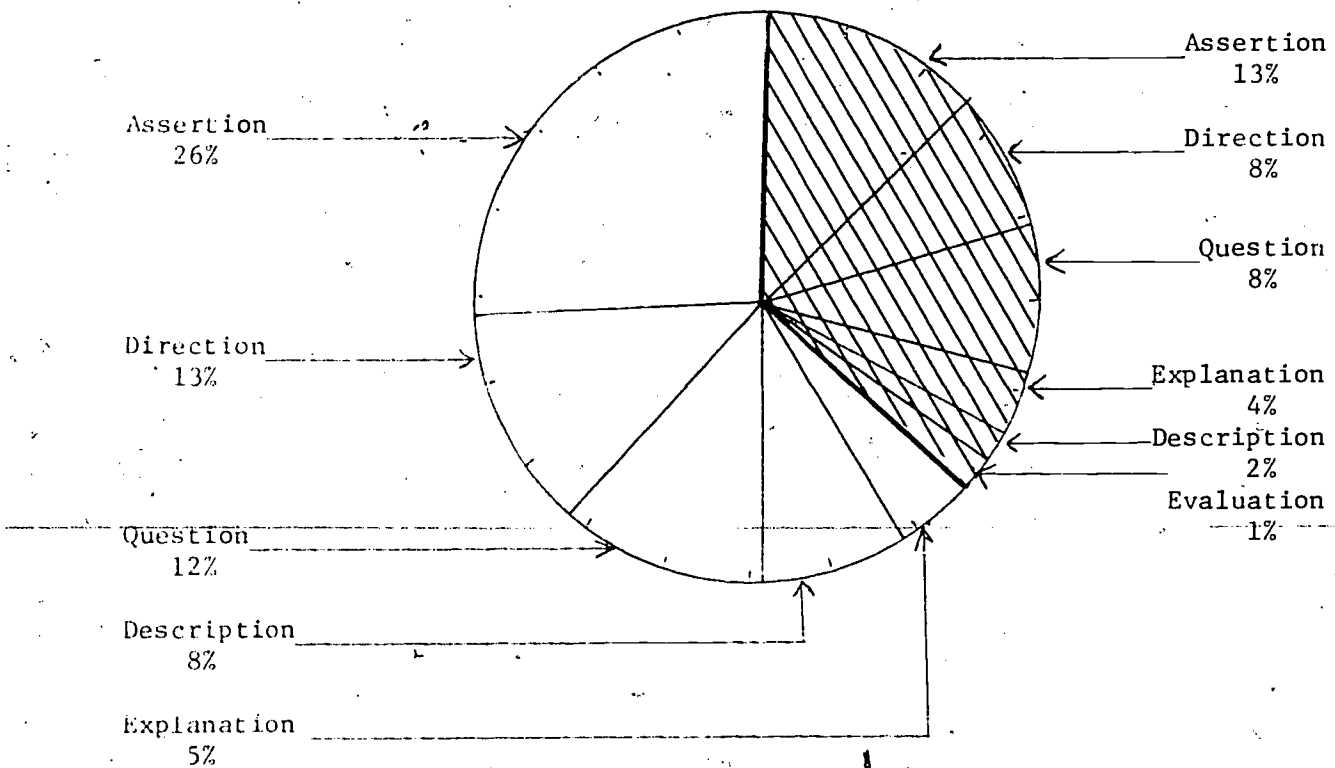
AGRICULTURAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

○ LISTEN: 64%

◐ READ: 36%



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.
Direction: direct, instruct, order.
Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 13

AGRICULTURAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

LISTEN: 80%

READ: 20%

ASSERTION	24%	DIRECTION	7%
QUESTION	24%	ASSERTION	6%
DIRECTION	14%	EXPLANATION	3%
EXPLANATION	9%	QUESTION.	2%
EVALUATION	6%	EVALUATION	1%
DESCRIPTION	3%	DESCRIPTION	1%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL, PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD, REPRIMAND.

Table 13

35

CHAPTER III

BUSINESS AND OFFICE OCCUPATIONS

Business and Office employee and supervisor responses to the Occupational Communications Skills Questionnaires are summarized in Figures 13-24.

Individual employee responses are summarized in Figures 13-18;
Individual supervisor responses are summarized in Figures 19-24.

Advisory Group employee and supervisor responses to the Condensed Occupational Communications Skills Questionnaires are summarized in Tables 13-24.

Advisory Group employee responses are summarized in Tables 13-18;
Advisory Group supervisor responses are summarized in Tables 19-24.

Individual Employees Responding to the
Occupational Communications Skills Questionnaire
(Appendix A)

Occupational Clusters

Clerk-typist
Junior accountant
Recordkeeper
Secretary

Job Categories

Clerk-typist
Cost accountant
Administrative clerk
Secretary

Advisory Group Employees Responding to the
Condensed Occupational Communications Skills Questionnaire
(Appendix C)

Occupational Clusters

Clerk-typist
Junior accountant
Recordkeeper
Secretary

Job Categories

Clerk-typist, Team leader
Accounts clerk, Accountant,
Internal auditor
Mail messenger, Clerk, Junior
buyer, Accounting clerk, Ad-
ministrative clerk
Secretary, Clerk-steno,
Secretary/bookkeeper, Clerk-
typist

Analysis of Questionnaire Responses

Ways Employees Send Communications (Figure 13, Table 13) In the business and office occupations, the employee questionnaire responses were almost evenly divided between oral and written communications. When responses from employees answering the detailed

questionnaire were considered, the clerk-typist and secretary indicated that they most frequently talked when they sent communications; the junior accountant and recordkeeper indicated that they most frequently sent communications by writing. Although 63% of the clerk-typist's responses indicated talking to one person face-to-face as a frequent way of sending communications, when all employee responses to the detailed questionnaire were considered, the percentage dropped to 36%. Responses from the field as a whole indicated that talking to one person face-to-face and writing memos and notes were used with almost equal frequency.

Kinds of Information Employees Send in Communications, Talk/Write (Figures 14, 15, Tables 14, 15) Kinds of communications identified in a group as assertions (advice, opinions, etc.) were used most frequently by business and office employees. These assertive communications were more likely to be spoken than written. When individual communications categories were considered the employees indicated that if they were talking they were most frequently asking questions and if they were writing they were most frequently giving explanations.

Ways Employees Receive Communications (Figure 16, Table 16) Detailed questionnaire responses were almost evenly divided between listening and reading. Advisory group employees responses indicated they used listening more frequently than reading as a means of receiving communications. Listening to one person face-to-face was chosen most frequently by the supervisors as their way of receiving information. Employees answering both questionnaires reported that written information was most frequently received in the form of memos and notes.

Kinds of Information Employees Receive in Communications (Figures 17, 18, Tables 17, 18) When kinds of communications received were considered by the employees, over 50% of the responses fell into the communications categories, directions, instructions, orders and questions. They reported that these communications were received by both listening and reading.

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

○ TALK: 47% ◐ WRITE: 53%

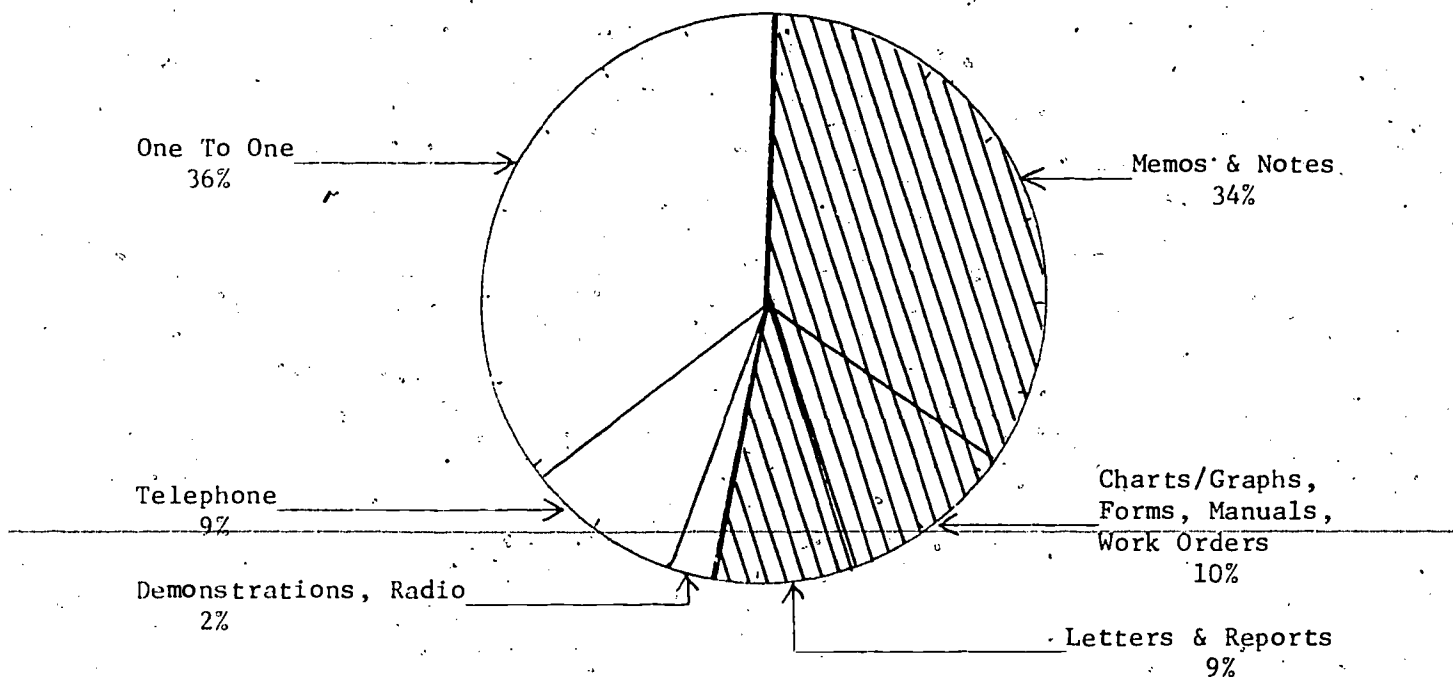


Figure 13

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

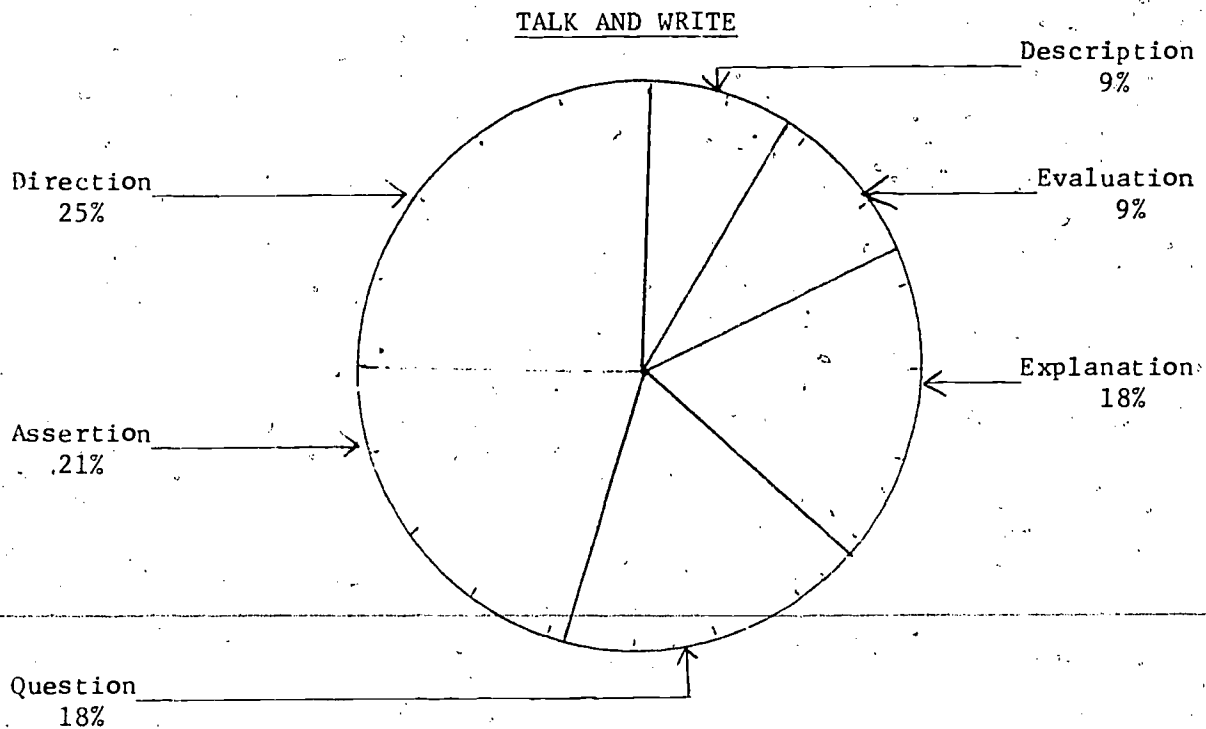
<u>TALK: 58%</u>		<u>WRITE: 42%</u>	
ONE TO ONE	32%	MEMOS & NOTES	33%
TELEPHONE	22%	LETTERS & REPORTS	8%
TO A GROUP: 2-5 PEOPLE	4%	CHARTS/GRAPHS, FORMS MANUALS, WORK ORDERS.	1%

Table 13

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 14

40

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	28%
QUESTION	24%
EXPLANATION	21%
DIRECTION	18%
DESCRIPTION	5%
EVALUATION	4%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

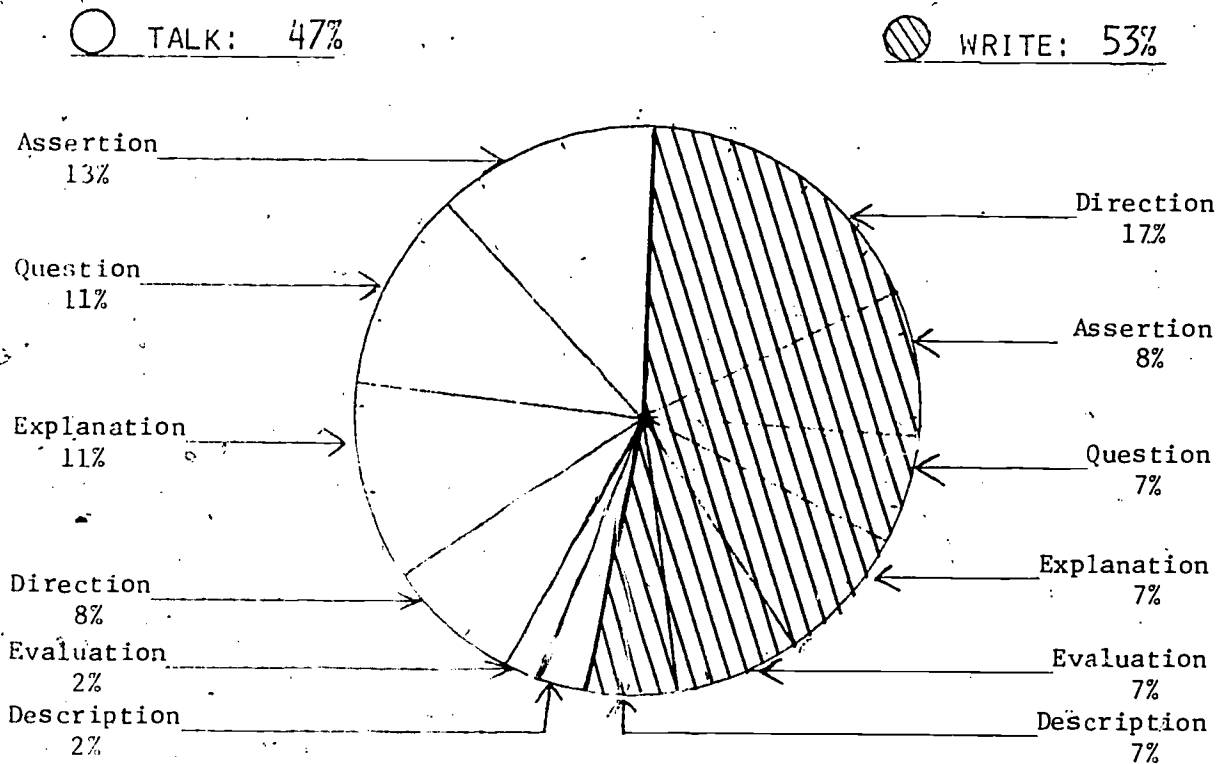
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 14

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.
 Direction: direct, instruct, order.
 Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 1b

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

<u>TALK: 58%</u>	<u>WRITE: 42%</u>
ASSERTION 17%	ASSERTION 11%
QUESTION 17%	DIRECTION 11%
EXPLANATION 12%	EXPLANATION 9%
DIRECTION 7%	QUESTION 7%
EVALUATION 3%	DESCRIPTION 3%
DESCRIPTION 2%	EVALUATION 1%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 15

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATION

○ LISTEN: 47%

◐ READ: 53%

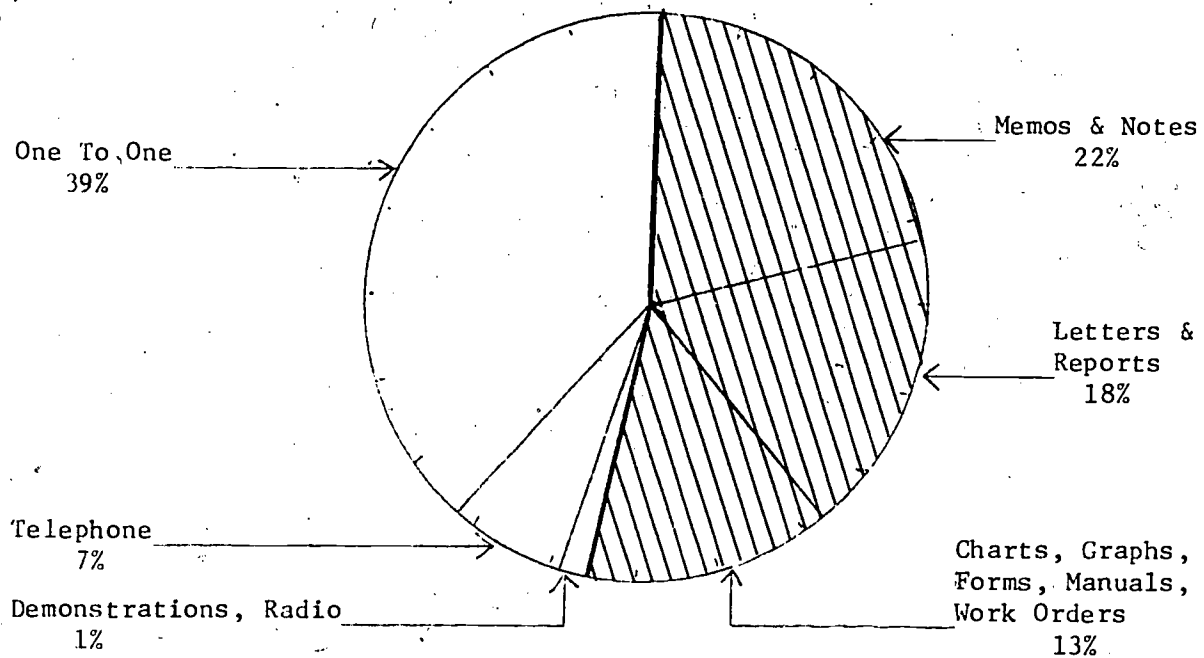


Figure 16

44

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATIONS

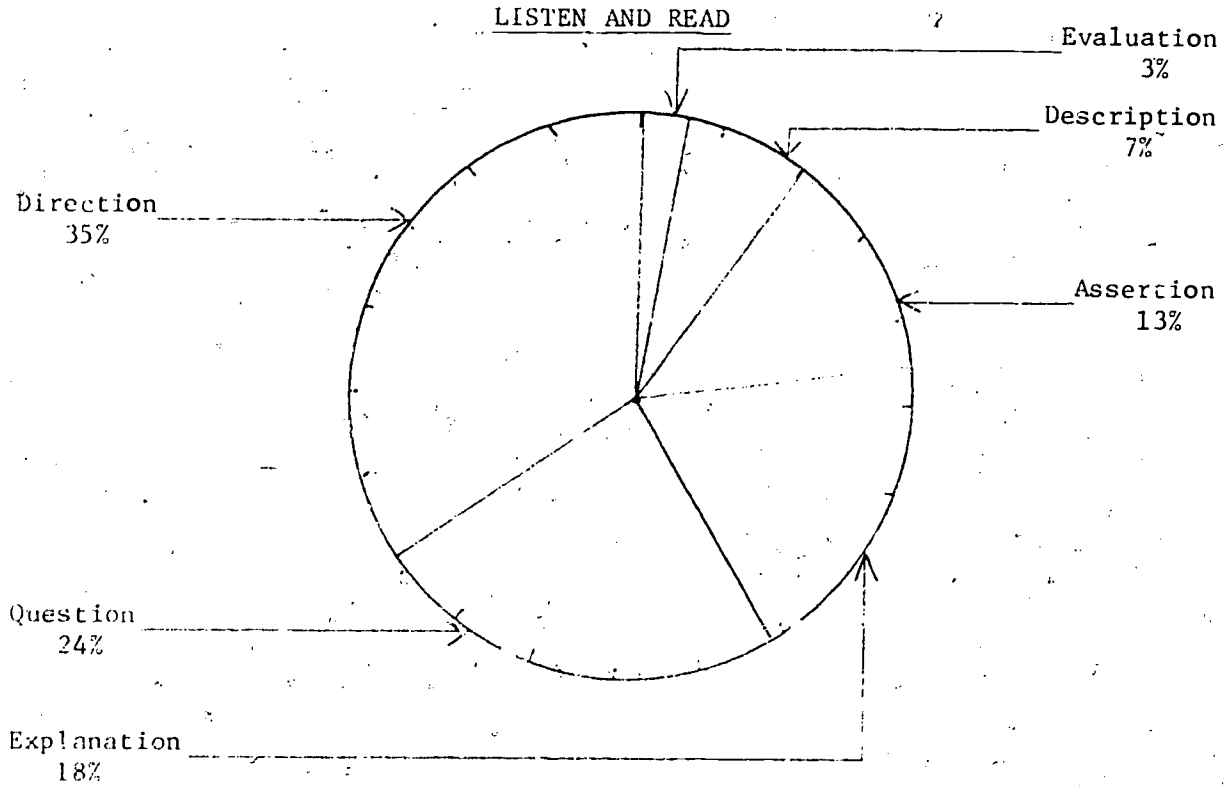
<u>LISTEN: 62%</u>	<u>READ: 38%</u>
ONE TO ONE 31%	MEMOS & NOTES 27%
TELEPHONE 25%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS . . . 6%
TO A GROUP: 2-5 PEOPLE 5%	LETTERS & REPORTS 5%
DEMONSTRATIONS, RADIO 1%	

Table 16

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 17

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

LISTEN AND READ

DIRECTION	32%
QUESTION	24%
ASSERTION	17%
EXPLANATION	15%
EVALUATION	7%
DESCRIPTION	5%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

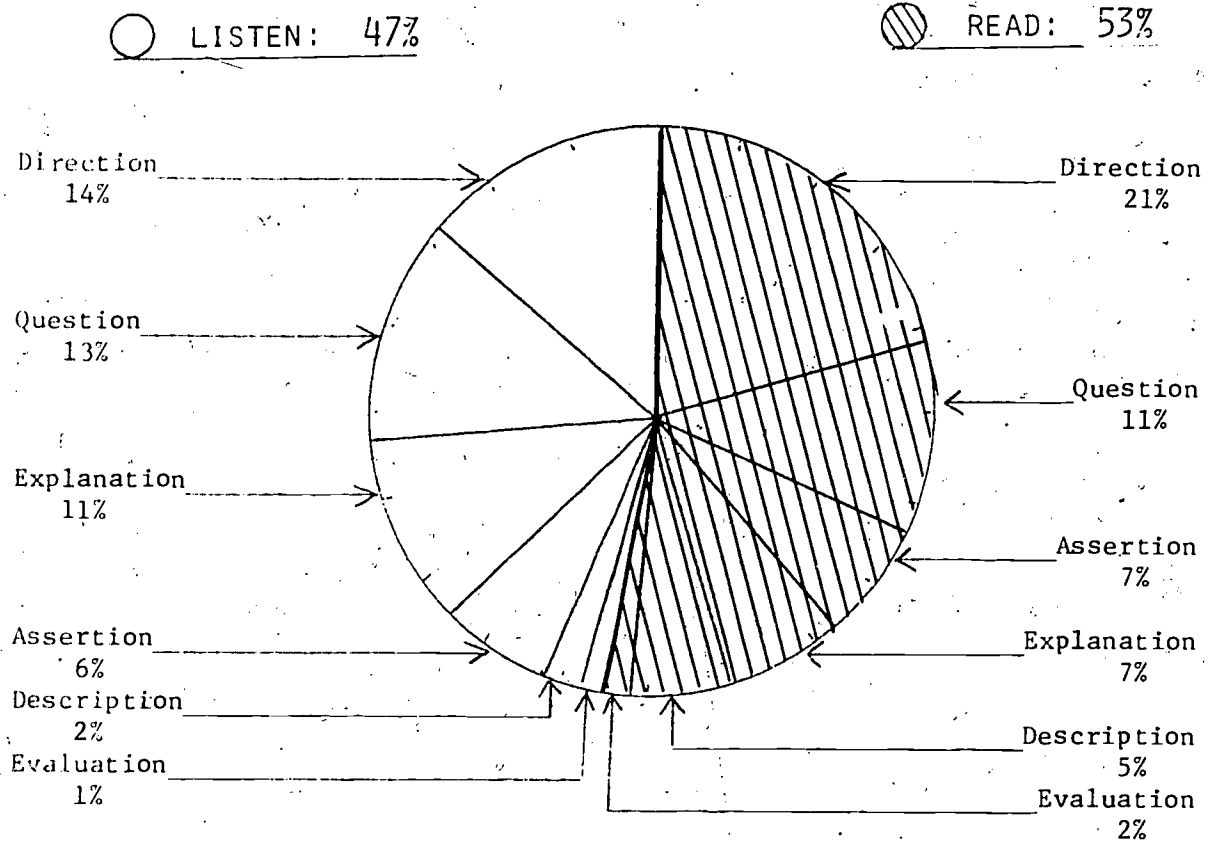
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 17

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.
 Direction: direct, instruct, order.
 Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 13

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

<u>LISTEN: 62%</u>		<u>READ: 38%</u>	
QUESTION	18%	DIRECTION	16%
DIRECTION	16%	ASSERTION	6%
ASSERTION	11%	QUESTION	6%
EXPLANATION	10%	EXPLANATION	5%
EVALUATION	4%	EVALUATION	3%
DESCRIPTION	3%	DESCRIPTION	2%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 18

Individual Supervisors Responding to the
Occupational Communications Skills Questionnaire
(Appendix B)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Clerk-typist	Editorial assistant
Junior accountant	Accounting supervisor
Recordkeeper	Supervisor of policies and procedures
Secretary	Business manager

Advisory Group Supervisors Responding to the
Condensed Occupational Communications Skills Questionnaire
(Appendix D)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Clerk-typist	Clerk-typist-secretary, Super- visor, Manager, Accounts pay- able
Junior accountant	Chief accountant, City treas- urer, Accountant, Partner
Recordkeeper	Financial manager, Contract specialist, Accountant, Cashier, Supervisor
Secretary	Supervisor, Administrator, Chief controller, Chief electrical engineer

Analysis of Questionnaire Responses

Ways Supervisors Send Communications (Figure 19, Table 19) Super-
visor responses are fairly evenly divided between talking and writ-
ing as ways of sending communications. Clerk-typists and secretaries
reported that talking was their most frequent way of sending com-
munications while junior accountants and recordkeepers reported that
writing was their most frequent way of sending communications. An
even distribution of responses occurred again when the most frequent
way of giving information was evenly divided between talking to one
person face-to-face and writing memos and notes.

Kinds of Information Supervisors Send in Communications (Figures 20,
21, Tables 20, 21) The supervisors indicated that assertions
(listed as a group of communications skills) and explanations were
the kinds of information most frequently given during their work.
Supervisors answering the detailed questionnaire indicated that dir-
ections (listed as a group of communications skills) were also a
frequent kind of information given. These kinds of information were
given by both talking and writing.

Ways Supervisors Receive Communications (Figure 22, Table 22)

Supervisor responses were fairly evenly divided between listening and reading as ways of receiving communications. Clerk-typists and secretaries responded most frequently to questionnaire items that involved listening and junior accountants and recordkeepers responded to questionnaire items that involved reading. Information was most frequently received by listening to one person face-to-face and by reading memos and notes.

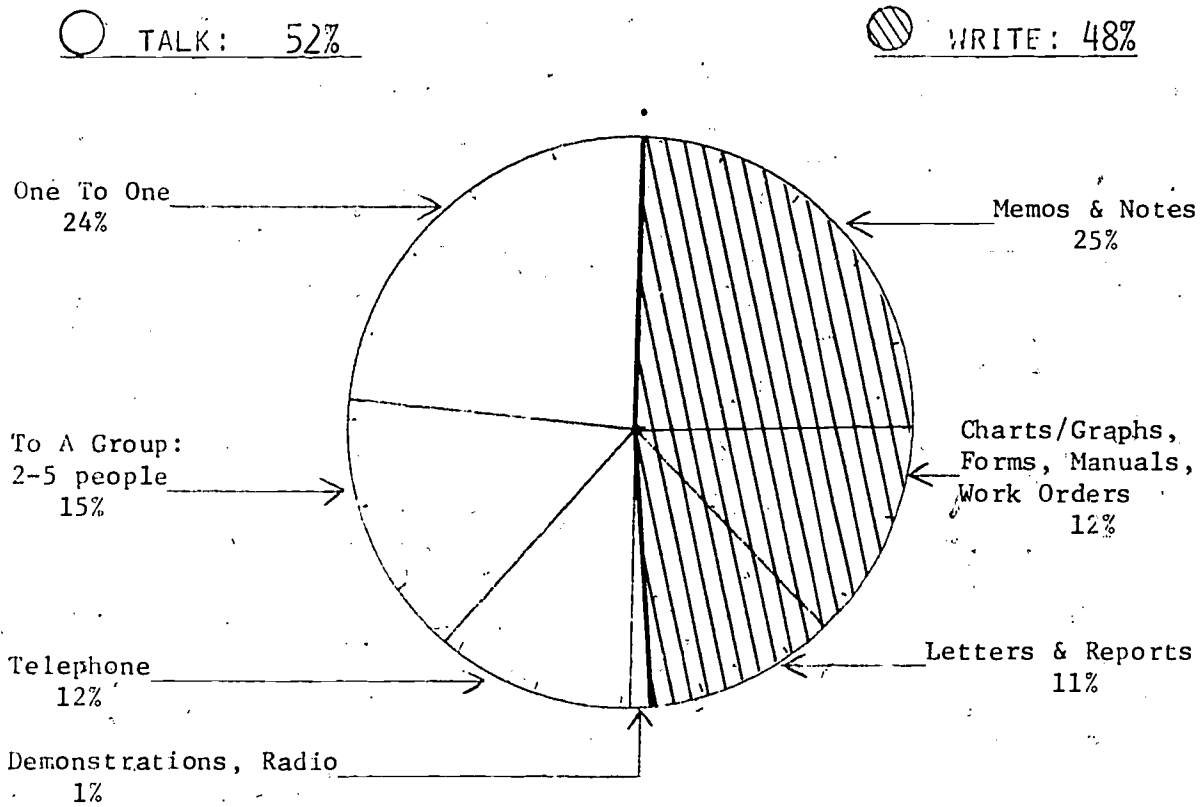
Kinds of Information Supervisors Receive in Communications

(Figures 23, 24, Tables 23, 24) Assertions (listed as a group of communication skills) were the most frequent kind of information received by the supervisors. When individual communications skills were considered, the supervisors indicated that they received questions most frequently. Assertions were received both by listening and reading; questions were usually received by listening.

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS



66

Figure 12

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

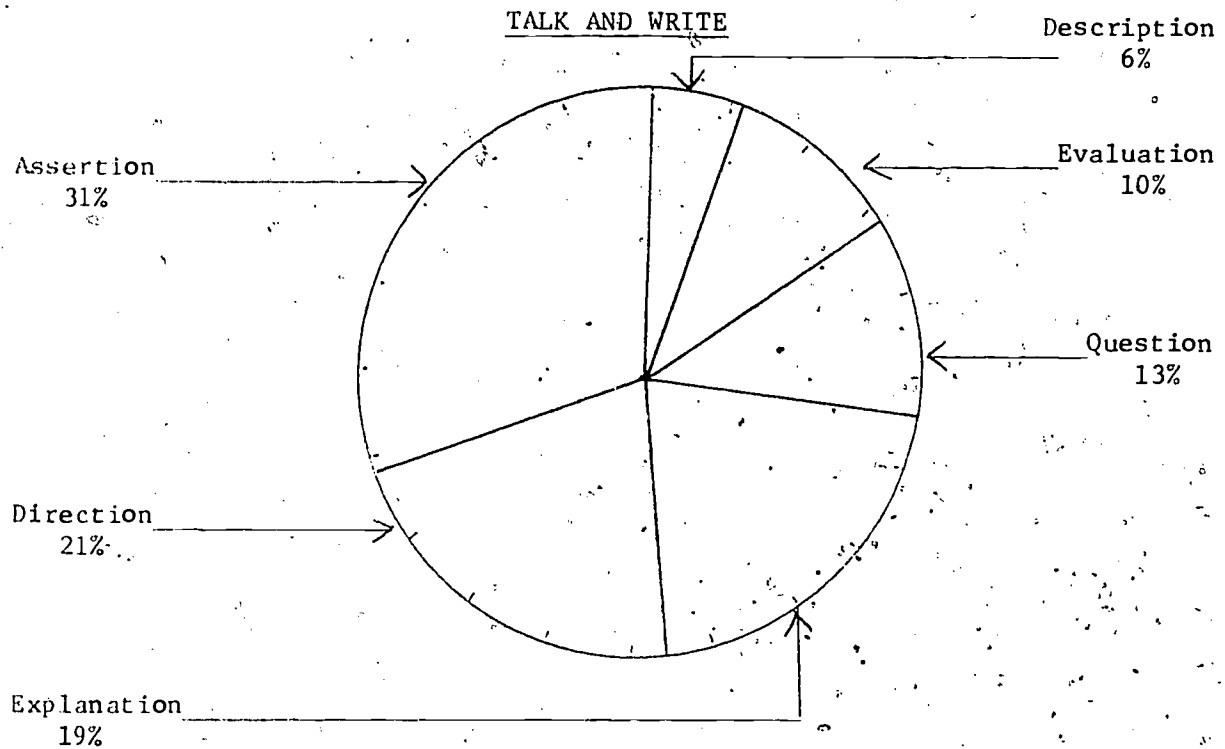
WAYS SUPERVISORS SEND COMMUNICATIONS

<u>TALK:</u> 57%	<u>WRITE:</u> 43%
ONE TO ONE 30%	MEMOS & NOTES 30%
TELEPHONE 19%	LETTERS & REPORTS 10%
TO A GROUP: 2-5 PEOPLE : 6%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS . 3%
DEMONSTRATIONS, RADIO : 2%	

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 20

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP SUPERVISOR REPOSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	32%
EXPLANATION . . .	22%
QUESTION	19%
DIRECTION	13%
DESCRIPTION	7%
EVALUATION	7%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

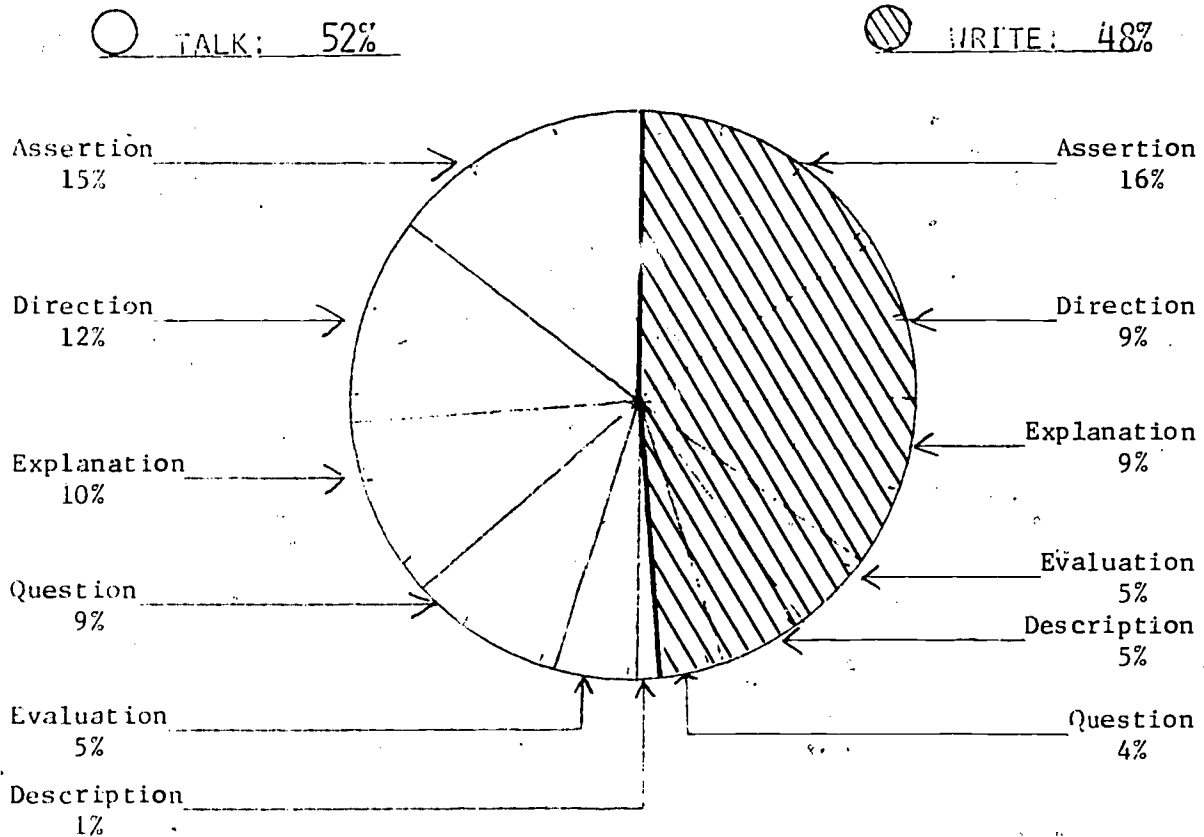
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 20

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 21

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

<u>TALK: 57%</u>	<u>WRITE: 43%</u>
ASSERTION 17%	ASSERTION 15%
QUESTION 13%	EXPLANATION 10%
EXPLANATION 12%	DIRECTION 6%
DIRECTION 7%	QUESTION 6%
EVALUATION 5%	DESCRIPTION 4%
DESCRIPTION 3%	EVALUATION 2%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 31

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATION

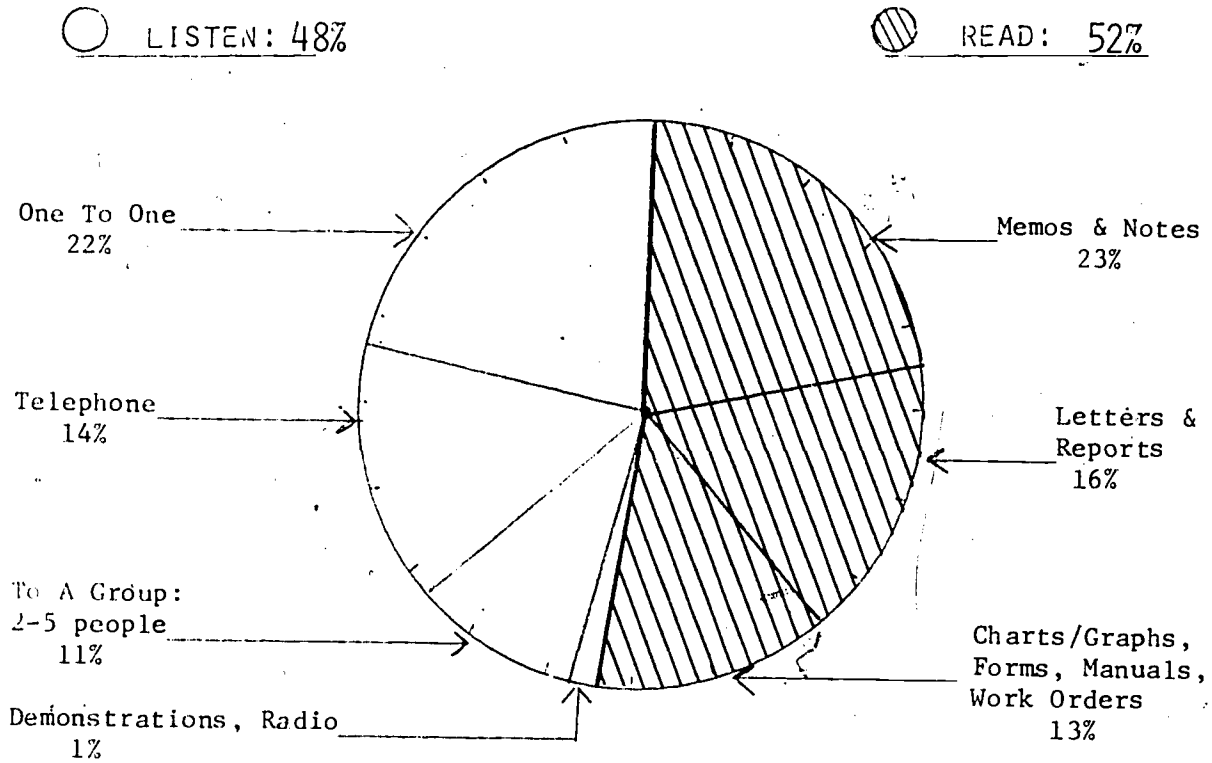


Figure 23

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATIONS

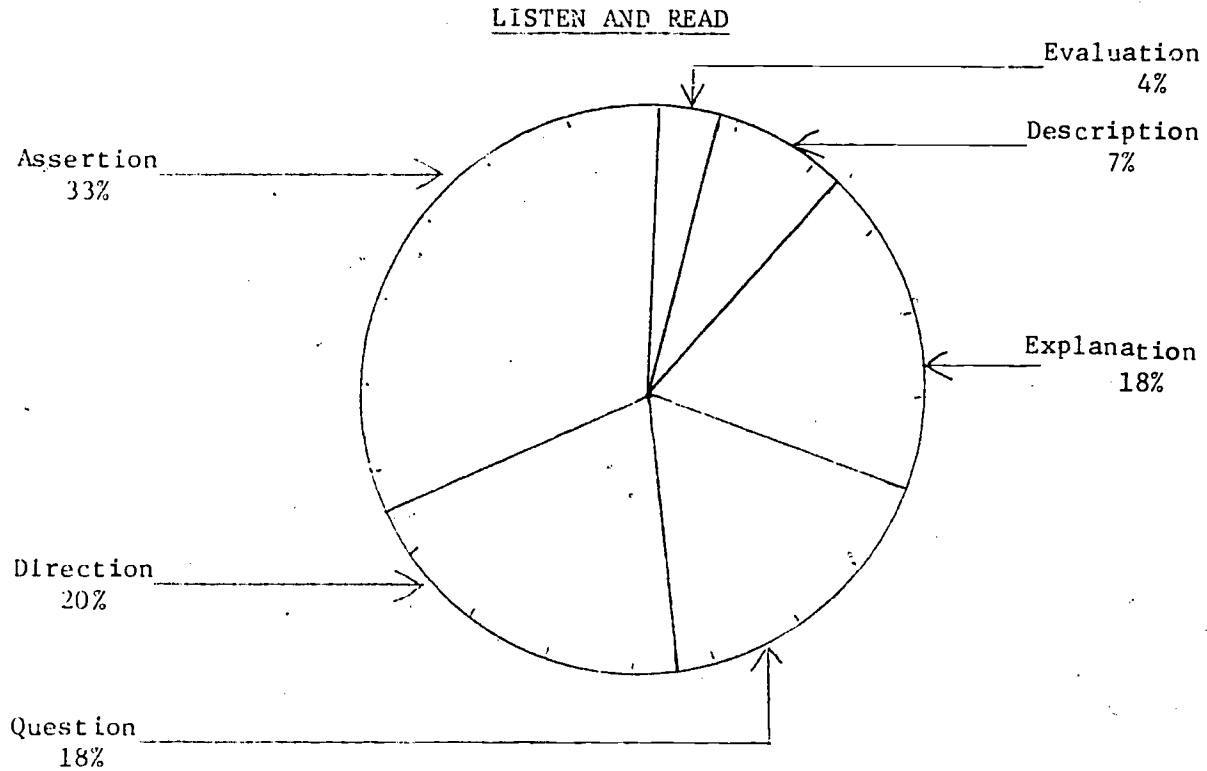
<u>LISTEN: 56%</u>	<u>READ: 44%</u>
ONE TO ONE 30%	MEMOS & NOTES 27%
TELEPHONE 20%	LETTERS & REPORTS . . . 10%
TO A GROUP: 2-5 PEOPLE 5%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS 7%
DEMONSTRATIONS, RADIO 1%	

Table 22

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 15

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

LISTEN AND READ

ASSERTION	33%
QUESTION	28%
EXPLANATION	16%
DIRECTION	14%
DESCRIPTION	6%
EVALUATION	3%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

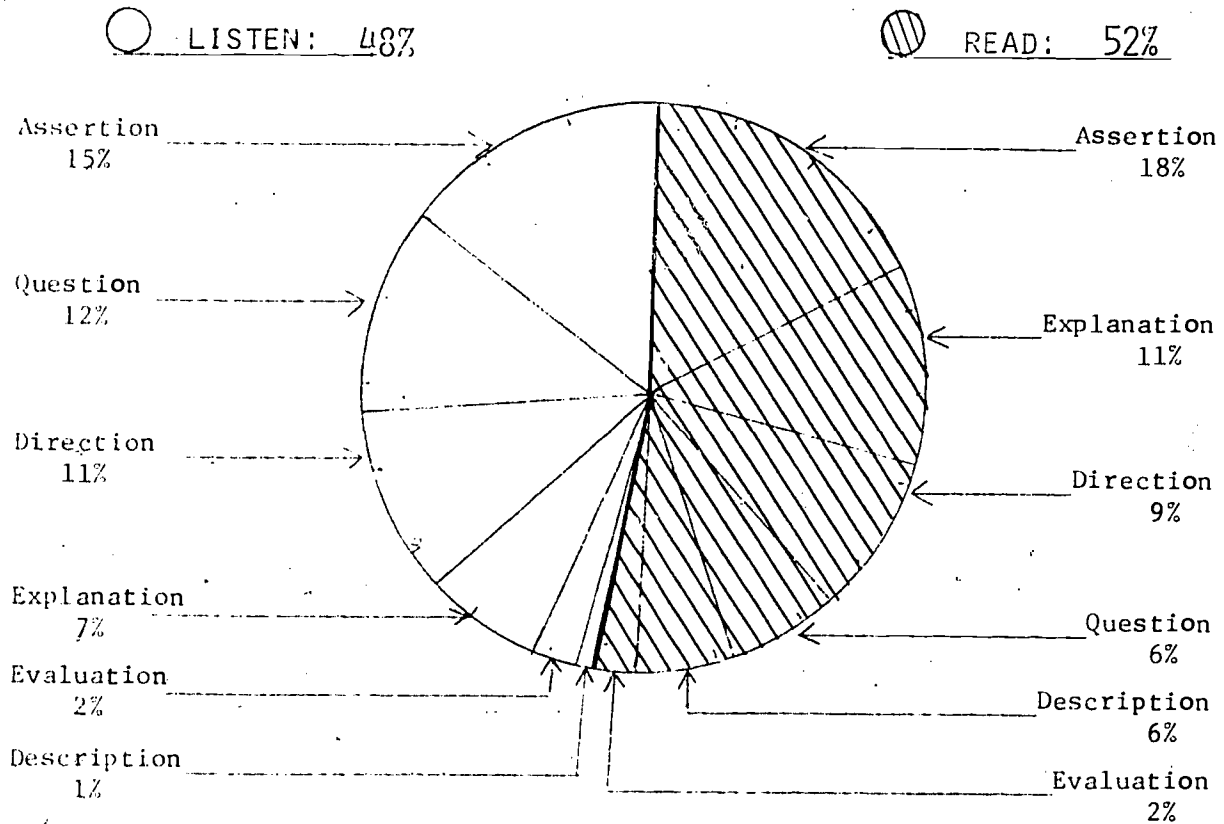
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 35

BUSINESS AND OFFICE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 54

BUSINESS AND OFFICE OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

<u>LISTEN: 56%</u>	<u>READ: 44%</u>
QUESTION 18%	ASSERTION 15%
ASSERTION 17%	QUESTION 10%
EXPLANATION 10%	DIRECTION 7%
DIRECTION 7%	EXPLANATION 7%
EVALUATION 2%	DESCRIPTION 4%
DESCRIPTION 2%	EVALUATION 1%

- ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.
- DIRECTION: DIRECT, INSTRUCT, ORDER.
- EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 24

CHAPTER IV

DISTRIBUTION AND MARKETING OCCUPATIONS

Distribution and Marketing employee and supervisor responses to the Occupational Communications Skills Questionnaires are summarized in Figures 25-36.

Individual employee responses are summarized in Figures 25-30;
Individual supervisor responses are summarized in Figures 31-36.

Advisory Group employee and supervisor responses to the Condensed Occupational Communications Skills Questionnaires are summarized in Tables 25-36.

Advisory Group employee responses are summarized in Tables 25-30;
Advisory Group supervisor responses are summarized in Tables 31-36.

Individual Employees Responding to the Occupational Communications Skills Questionnaire (Appendix A)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Eat/Drink establishment	Head waiter
Hospitality/Lodging	Desk clerk
Real estate	Salesman
Self-service retail	Food clerk

Advisory Group Employees Responding to the Condensed Occupational Communications Skills Questionnaire (Appendix C)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Eat/Drink establishment	Bus boy, Waitress/Hostess, Waitress, Waiter
Hospitality/Lodging	Clerk, Desk clerk
Real estate	Salesman, Broker
Retail sales	Bookkeeper, Sales clerk, Merchandise buyer, Salesgirl, Department head

Analysis of Questionnaire Responses

Ways Employees Send Communications (Figure 25, Table 25) Distributive and Marketing employees indicated that they used their talking skills much more frequently than their writing skills during their work. Talking to a group of two to five persons and talking by telephone also, to a lesser extent, ranked as frequent ways of sending communications. When writing was used to give information, memos and notes were used more frequently than any other form of written communications.

Kinds of Information Employees Send in Communications, Figures 26, 27, Tables 26, 27) When all employees responded about the kinds of information given, they indicated that it was most frequently in the form of explanations. Directions and assertions (groups of communications skills) were also frequently offered. Explanations and assertions were usually given by talking; directions were given about equally by talking and writing. Employees answering the condensed questionnaire reported that assertions (a group of communications skills) and questions were most frequently used by them. These kinds of information were usually given by talking.

Ways Employees Receive Communications (Figure 28, Table 28) Employees from the Distributive and Marketing occupations reported that they listened much more frequently than they read during their work. They reported that listening to one person face-to-face was the most frequent way of receiving information. Information was also frequently received by listening to a group of two to five persons and listening by telephone. When information was read, the employees were more likely to read memos and notes than any other written form of communication.

Kinds of Information Employees Receive in Communications (Figures 29, 30, Tables 29, 30) Directions (a group of communications skills) ranked as the most frequent kind of information received by these employees. Employees answering the detailed questionnaire reported assertions were also frequently received; employees answering the condensed questionnaire reported being asked questions frequently. Directions were received by both listening and reading; assertions and questions were most frequently received by listening.

DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

○ TALK: 63%

◐ WRITE: 32%

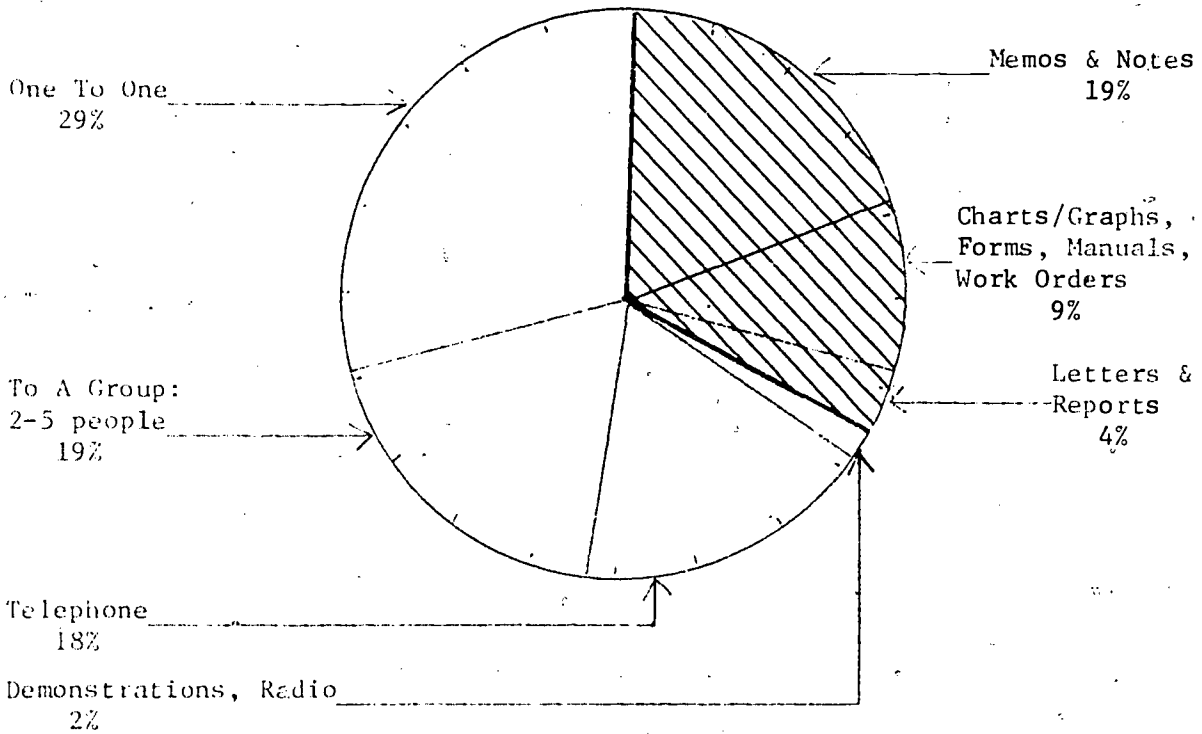


Figure 26

DISTRIBUTION AND MARKETING OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

<u>TALK: 78%</u>	<u>WRITE: 22%</u>
ONE TO ONE 36%	MEMOS & NOTES 16%
TELEPHONE 22%	LETTERS & REPORTS 4%
TO A GROUP: 2-5 10%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS 2%
DEMONSTRATIONS, RADIO 10%	

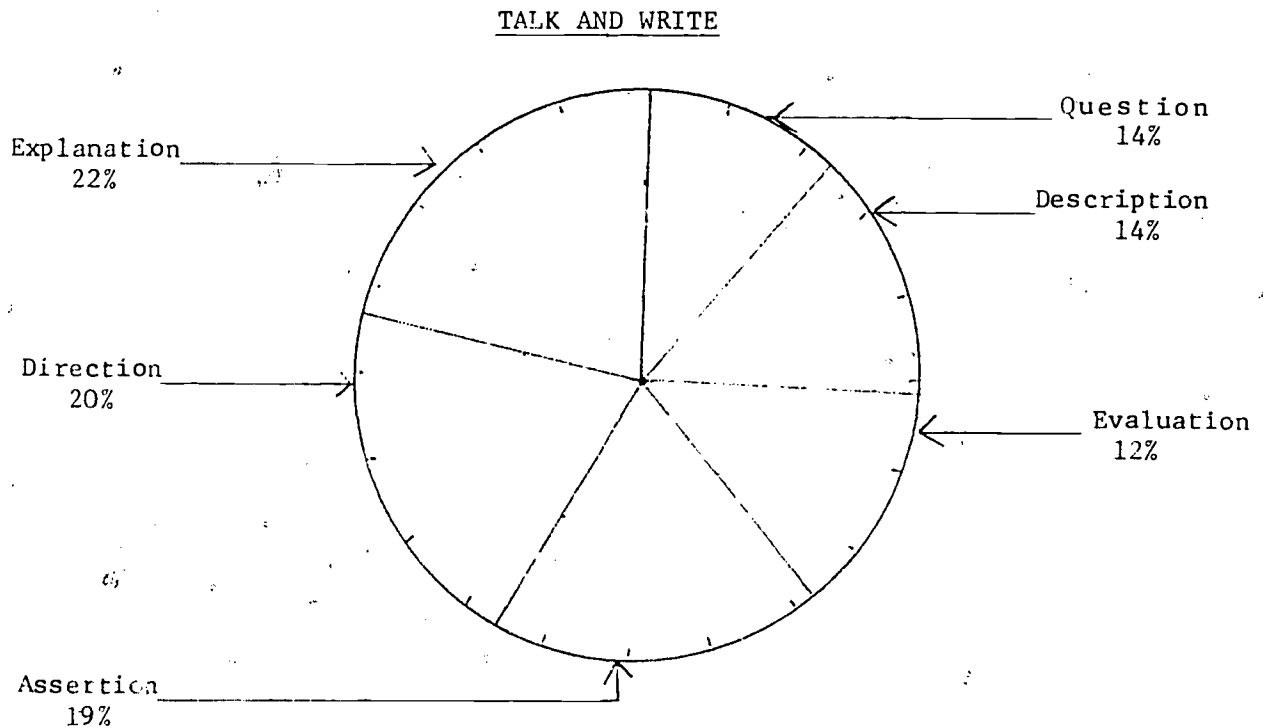
Table 25

67

DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 26

68

DISTRIBUTION AND MARKETING OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	28%
QUESTION	20%
EVALUATION	19%
DIRECTION	15%
EXPLANATION	13%
DESCRIPTION	5%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

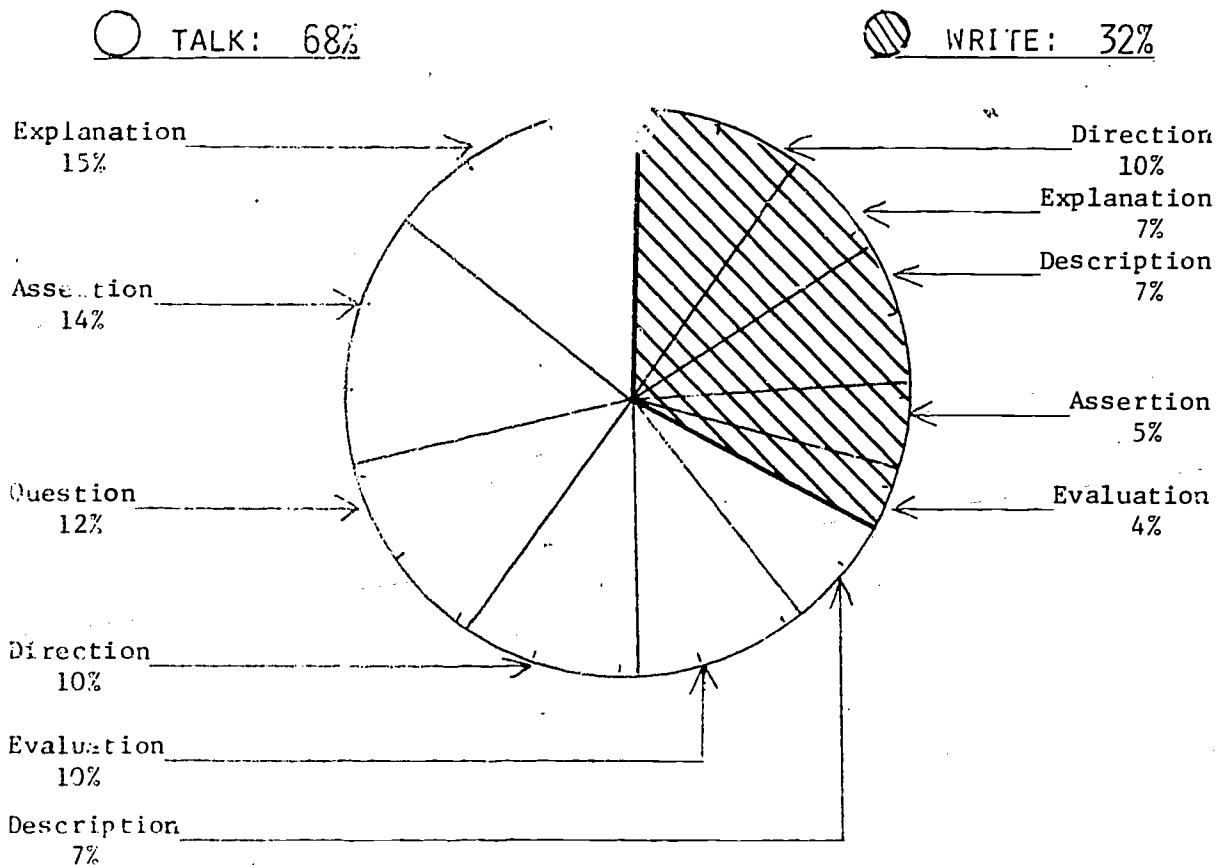
Table 26

69

DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 37

DISTRIBUTION AND MARKETING OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

<u>TALK: 78%</u>	<u>WRITE 22%</u>
ASSERTION 21%	ASSERTION 7%
QUESTION 17%	DIRECTION 4%
EVALUATION 16%	EXPLANATION 4%
DIRECTION 11%	QUESTION 3%
EXPLANATION 9%	EVALUATION 3%
DESCRIPTION 4%	DESCRIPTION 1%

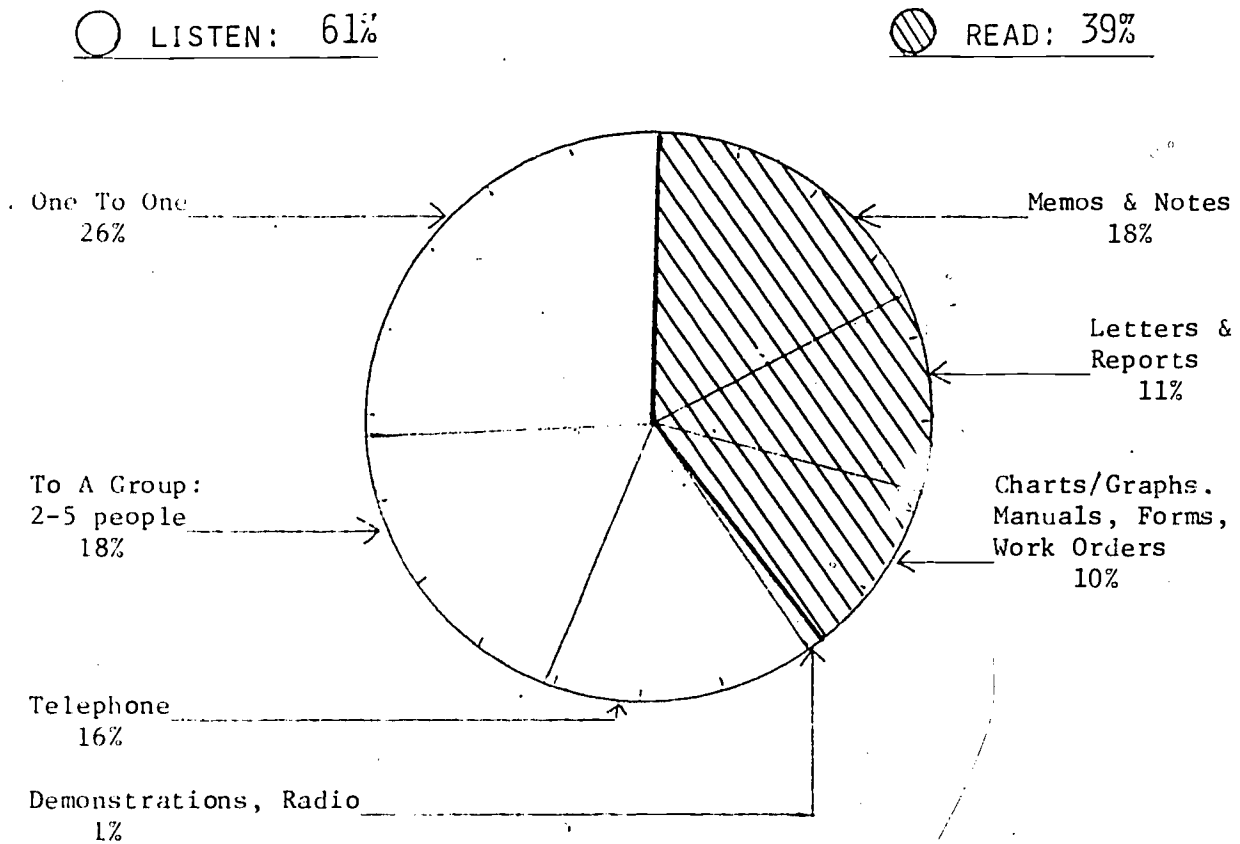
ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL, PROPOSE, SUGGEST.
 DIRECTION: DIRECT, INSTRUCT, ORDER.
 EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD, REPRIMAND.

Table 27

DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATION



DISTRIBUTION AND MARKETING OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATIONS

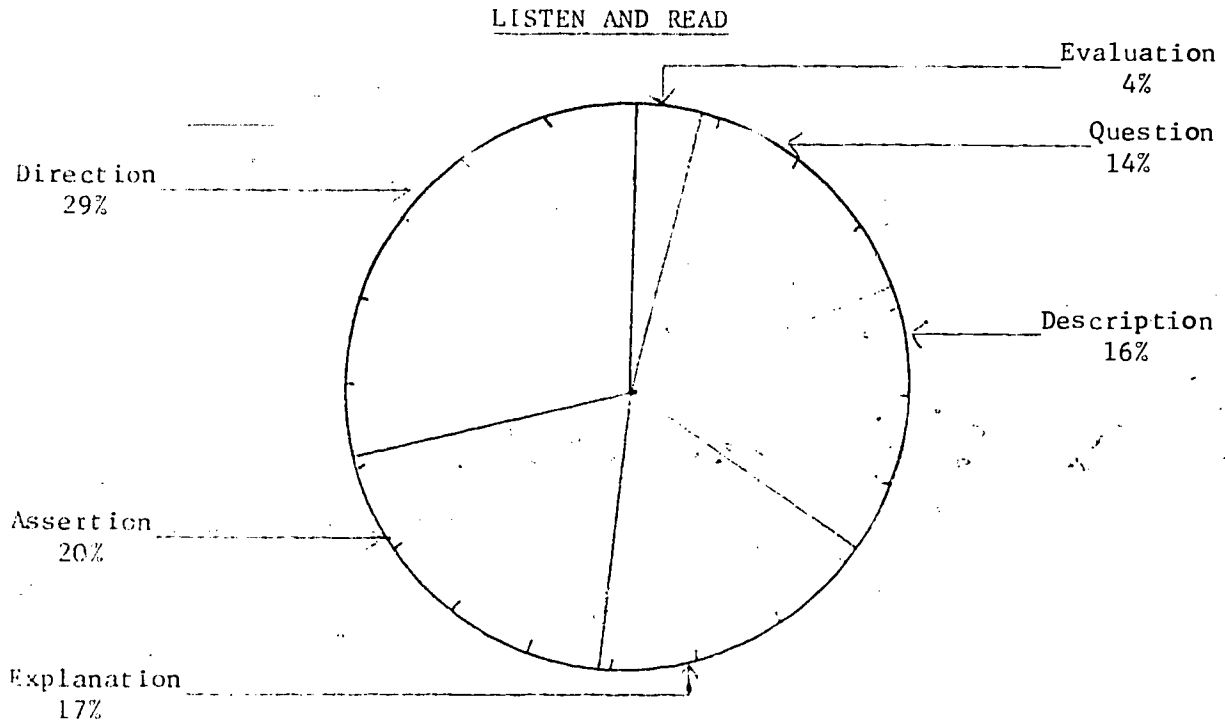
<u>LISTEN: 71%</u>	<u>READ: 23%</u>
ONE TO ONE 36%	MEMOS & NOTES 15%
TELEPHONE 17%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS 10%
TO A GROUP: 2-5 PEOPLE . 10%	LETTERS & REPORTS . . 4%
DEMONSTRATIONS, RADIO . 8%	

Table 28

DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 12

74

DISTRIBUTION AND MARKETING OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

<u>LISTEN AND READ</u>	
DIRECTION	27%
QUESTION	21%
EVALUATION	20%
ASSERTION	18%
EXPLANATION	8%
DESCRIPTION	6%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

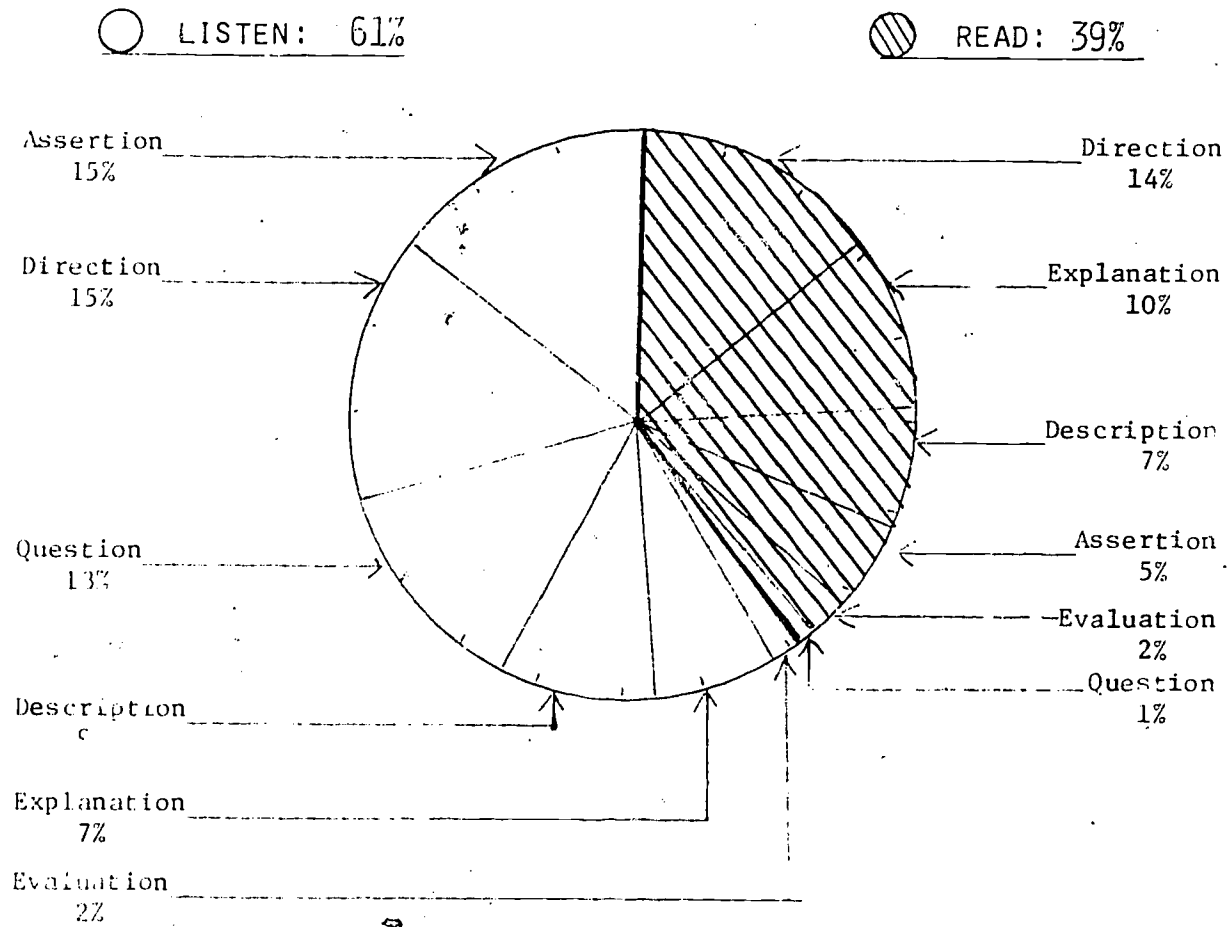
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 29
75

DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 50

DISTRIBUTION AND MARKETING OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONFUSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

<u>LISTEN: 71%</u>		<u>READ: 29%</u>	
QUESTION	17%	DIRECTION	11%
DIRECTION	16%	EVALUATION	5%
EVALUATION	15%	ASSERTION	4%
ASSERTION	14%	QUESTION	4%
EXPLANATION	6%	DESCRIPTION	3%
DESCRIPTION	3%	EXPLANATI	2%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 30

77

Individual Supervisors Responding to the
Occupational Communications Skills Questionnaire
(Appendix B)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Eat/Drink establishment	Waiter-head bus boy
Hospitality/Lodging	Manager
Real estate	Managing broker
Retail sales	Assistant manager
Self-service retail	Assistant manager

Advisory Group Supervisors Responding to the
Condensed Occupational Communications Skills Questionnaire
(Appendix D)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Eat/Drink establishment	Head waiter, Business administrator, Room service
Hospitality/Lodging	General manager, Desk clerk
Real estate	Assistant manager, Agent, Salesman, Sales manager, President, Branch manager
Retail sales	Assistant manager, Manager, Supervisor

Analysis of Questionnaire Responses

Ways Supervisors Send Communications (Figure 31, Table 31) Supervisors answering both questionnaires reported that they used talking more frequently than writing when they sent communications. Talking to one person face-to-face was the most frequent way of giving information. When writing was used for communication, the supervisors indicated that they sent memos and notes more frequently than any other form of written communications.

Kinds of Information Supervisors Send in Communications (Figures 32, 33, Tables 32, 33) When supervisors responded to questions about the kinds of information that they sent in their communications, they selected assertive communications, (listed as a group of communications skills) most frequently. This kind of information was sent by talking and writing but most frequently by talking. Supervisors answering the detailed questionnaire also selected directions (listed as a group of communications skills) as a kind of information frequently given. Supervisors answering the condensed questionnaire indicated that they were more likely to ask questions than give directions. Directions were given by both talking and writing; questions were usually asked by talking.

Ways Supervisors Receive Communications (Figure 34, Table 34) The supervisors selected listening more frequently than reading as the way they received information at their work. Listening to one person face-to-face and listening by phone ranked, in that order, as ways of receiving information. The supervisors indicated that information received by reading most frequently came in the form of memos and notes.

Kinds of Information Supervisors Receive in Communications
Figures 35, 36, Tables 35, 36) Assertions (listed as a group of communications skills) ranked as the kind of information most frequently received by the supervisors. Directions (listed as a group of communications skills) ranked next in frequency according to supervisors answering the detailed questionnaire; questions ranked next in frequency according to supervisors answering the condensed questionnaire. Assertions were received both by listening and reading but most frequently by listening. Supervisors answering the detailed questionnaire reported that their directions most frequently came from reading. Supervisors answering the condensed questionnaire reported that they were most likely to receive questions by listening.

DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS

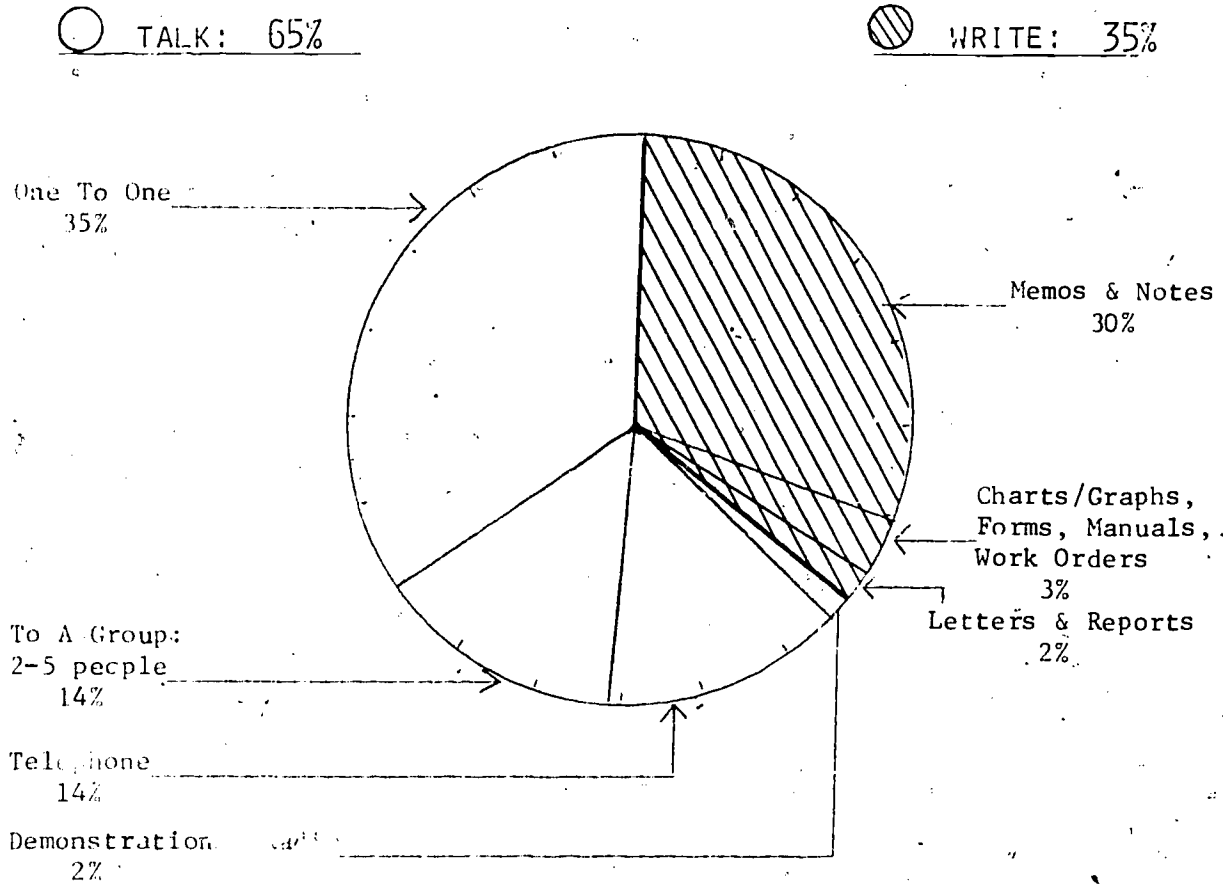


Figure 21

DISTRIBUTION AND MARKETING OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS

TALK: 69%

WRITE: 31%

ONE TO ONE 34%
TELEPHONE 22%
TO A GROUP: 2-5 PEOPLE 9%
DEMONSTRATIONS, RADIO. 4%

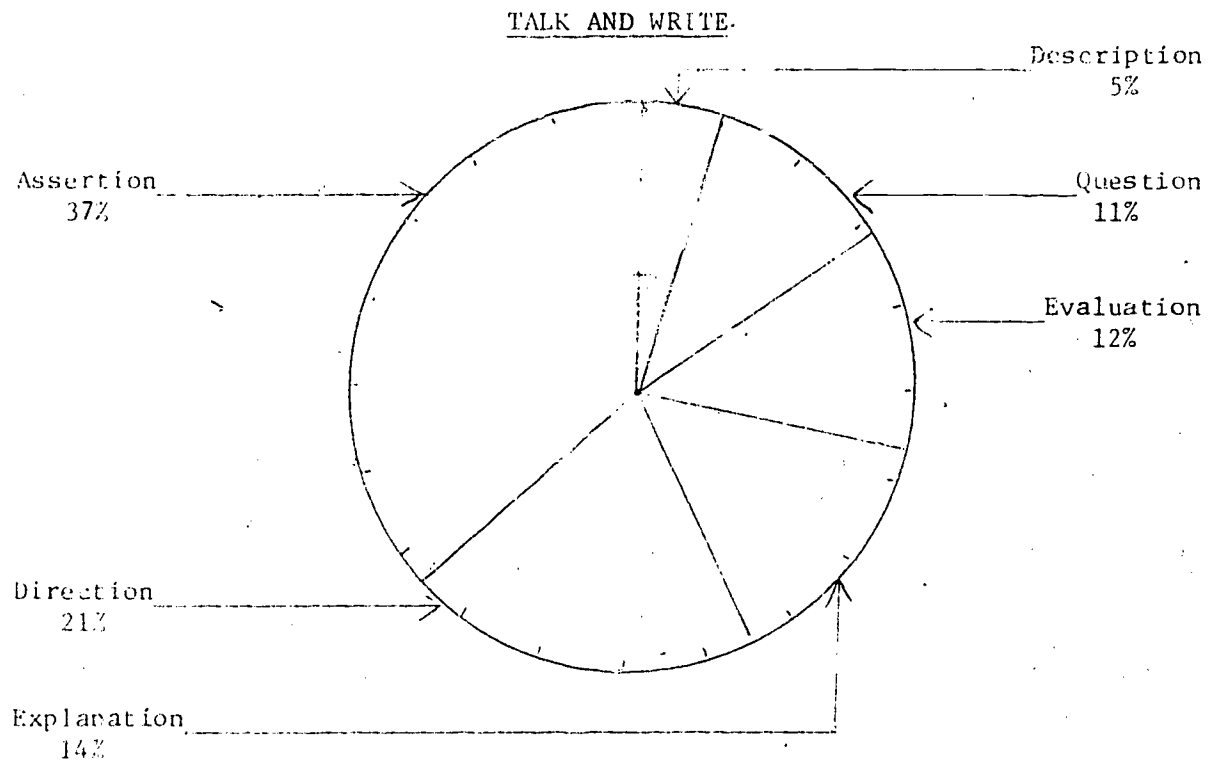
MEMOS & NOTES . . . 21%
CHARTS/GRAPHS, FORMS
MANUALS, WORK ORDERS 6%
LETTERS & REPORTS . 4%

Table 31

DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 80

DISTRIBUTION AND MARKETING OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	39%
QUESTION	19%
EXPLANATION . . .	15%
DIRECTION	12%
EVALUATION	9%
DESCRIPTION	6%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

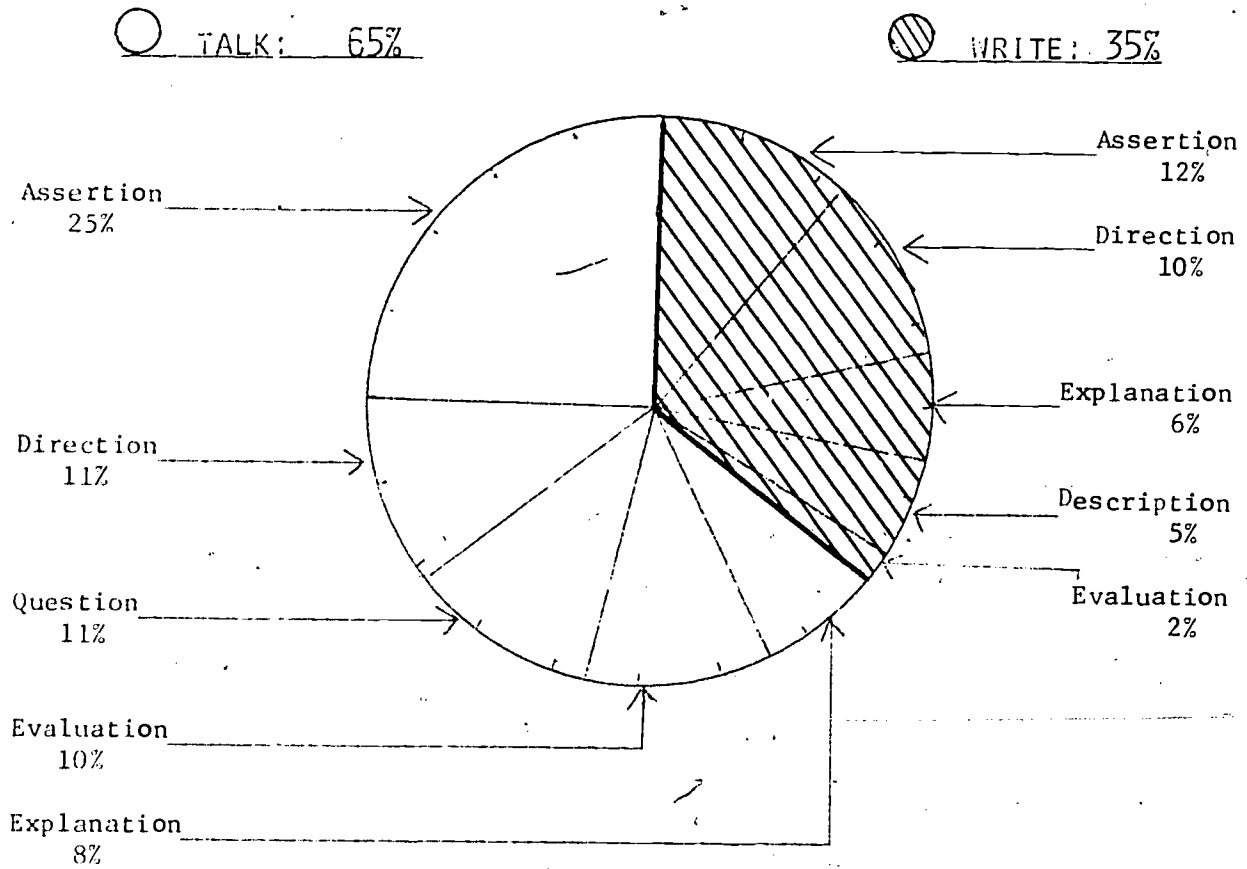
Table 32

83

DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 33

DISTRIBUTION AND MARKETING OCCUPATIONS:

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

<u>TALK: 69%</u>		<u>WRITE: 31%</u>	
ASSERTION	27%	ASSERTION	12%
QUESTION	15%	EXPLANATION	6%
EXPLANATION	9%	DIRECTION	5%
DIRECTION	7%	QUESTION	4%
EVALUATION	7%	EVALUATION	2%
DESCRIPTION	4%	DESCRIPTION	2%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.
DIRECTION: DIRECT, INSTRUCT, ORDER.
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 33

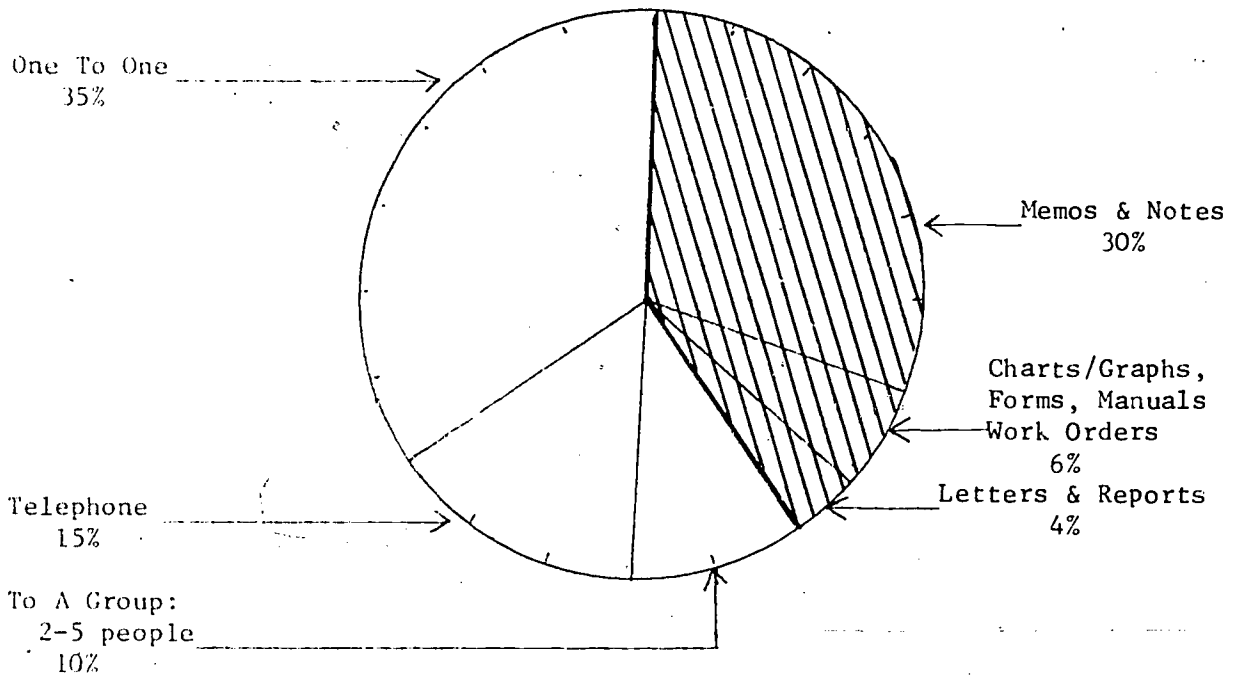
DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATION

○ LISTEN: 60%

◐ READ: 40%



100

Figure 34

DISTRIBUTION AND MARKETING OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATIONS

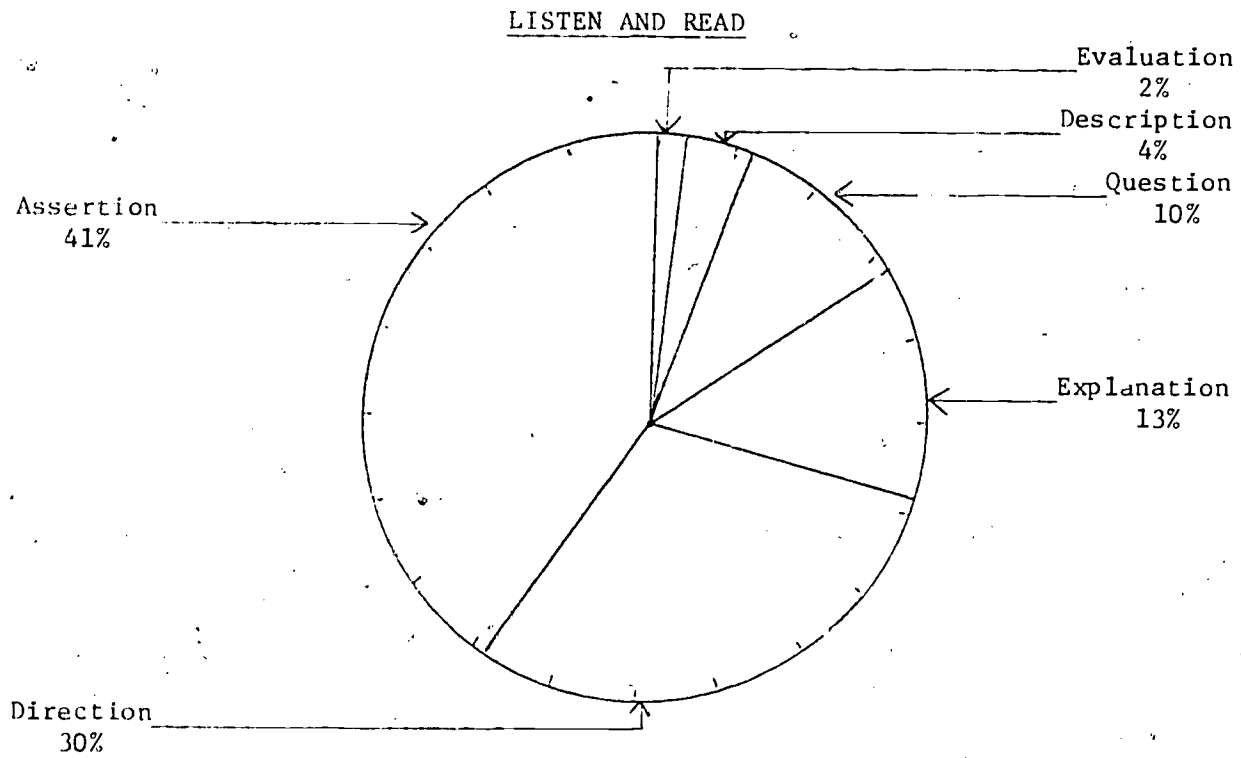
<u>LISTEN: 67%</u>	<u>READ: 33%</u>
ONE TO ONE 34%	MEMOS & NOTES 19%
TELEPHONE 24%	LETTERS & REPORTS . . 10%
TO A GROUP: 2-6 PEOPLE . 6%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS 4%
DEMONSTRATIONS, RADIO . 3%	

Table 34

DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 35

DISTRIBUTION AND MARKETING OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

LISTEN AND READ

ASSERTION	34%
QUESTION	24%
DIRECTION	14%
EXPLANATION	14%
EVALUATION	9%
DESCRIPTION	5%

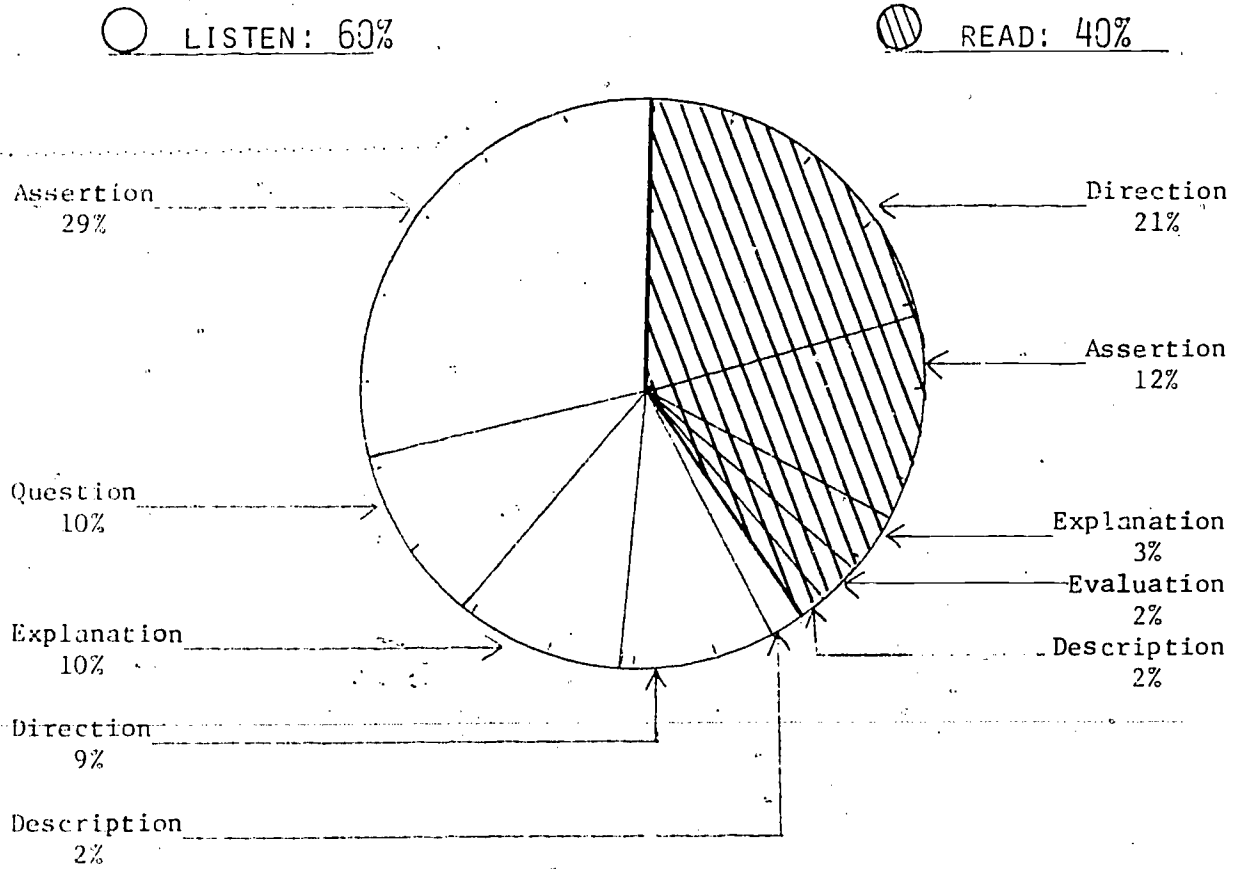
- ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.
- DIRECTION: DIRECT, INSTRUCT, ORDER.
- EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 35

DISTRIBUTION AND MARKETING OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 36

DISTRIBUTION AND MARKETING OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

<u>LISTEN: 67%</u>	<u>READ: 33%</u>
ASSERTION 25%	ASSERTION 9%
QUESTION 19%	DIRECTION 7%
EXPLANATION 9%	QUESTION 5%
DIRECTION 7%	EXPLANATION 5%
EVALUATION 5%	EVALUATION 4%
DESCRIPTION 2%	DESCRIPTION 3%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 36

CHAPTER V

HEALTH OCCUPATIONS

Health employee and supervisor responses to the Occupational Communications Skills Questionnaires are summarized in Figures 37-48.

Individual employee responses are summarized in Figures 37-42;

Individual supervisor responses are summarized in Figures 43-48.

Advisory Group employee and supervisor responses to the Condensed Occupational Communications Skills Questionnaires are summarized in Tables 37-48.

Advisory Group employee responses are summarized in Tables 37-42;

Advisory Group supervisor responses are summarized in Tables 43-48.

Individual Employees Responding to the
Occupational Communications Skills Questionnaire
(Appendix A)

Occupational Clusters

Auxiliary dental
Auxiliary medical
Nursing

Job Categories

Dental assistant
Medical assistant
Licensed practical nurse

Advisory Group Employees Responding to the
Condensed Occupational Communications Skills Questionnaire
(Appendix C)

Occupational Clusters

Auxiliary dental
Auxiliary medical
Nursing

Job Categories

Dental hygienist, Receptionist,
Dental assistant
Medical assistant, Secretary/
bookkeeper, Receptionist
Licensed practical nurse

Analysis of Questionnaire Responses

Ways Employees Send Communications (Figure 37, Table 37) Health Occupations employees answering both questionnaires gave information most frequently by talking. Talking to one person face-to-face was the most frequent way of giving information. When writing was used to give information, these employees used memos and notes more frequently than any other form of written communication. Very little writing as a means of sending communications was reported in the health field and where it did occur there was little correlation between what the individuals reported and what advisory groups reported.

Kinds of Information Employees Send in Communications (Figures 38, 39, Tables 38, 39) Health Occupations employees indicated that assertions (advice, opinions, etc.), directions (directions, instructions, orders), evaluations (assurance, appreciation, etc.) and questions were the kinds of information given most frequently. This information was given most frequently by talking.

Ways Employees Receive Information (Figure 40, Table 40) Employees answering both questionnaires received information most frequently by listening. Listening to one person face-to-face was the most frequent way of receiving communications. Listening to one person face-to-face and listening to demonstrations and radio were the most frequent ways of listening for information. When reading was used to receive information, these employees read memos and notes more frequently than other written communications.

Kinds of Information Employees Receive in Communications (Figures 41, 42, Tables 41, 42) The questionnaire responses indicated that directions, assertions and questions were the kinds of information received most frequently by these employees. This information was received most frequently by listening.

HEALTH OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

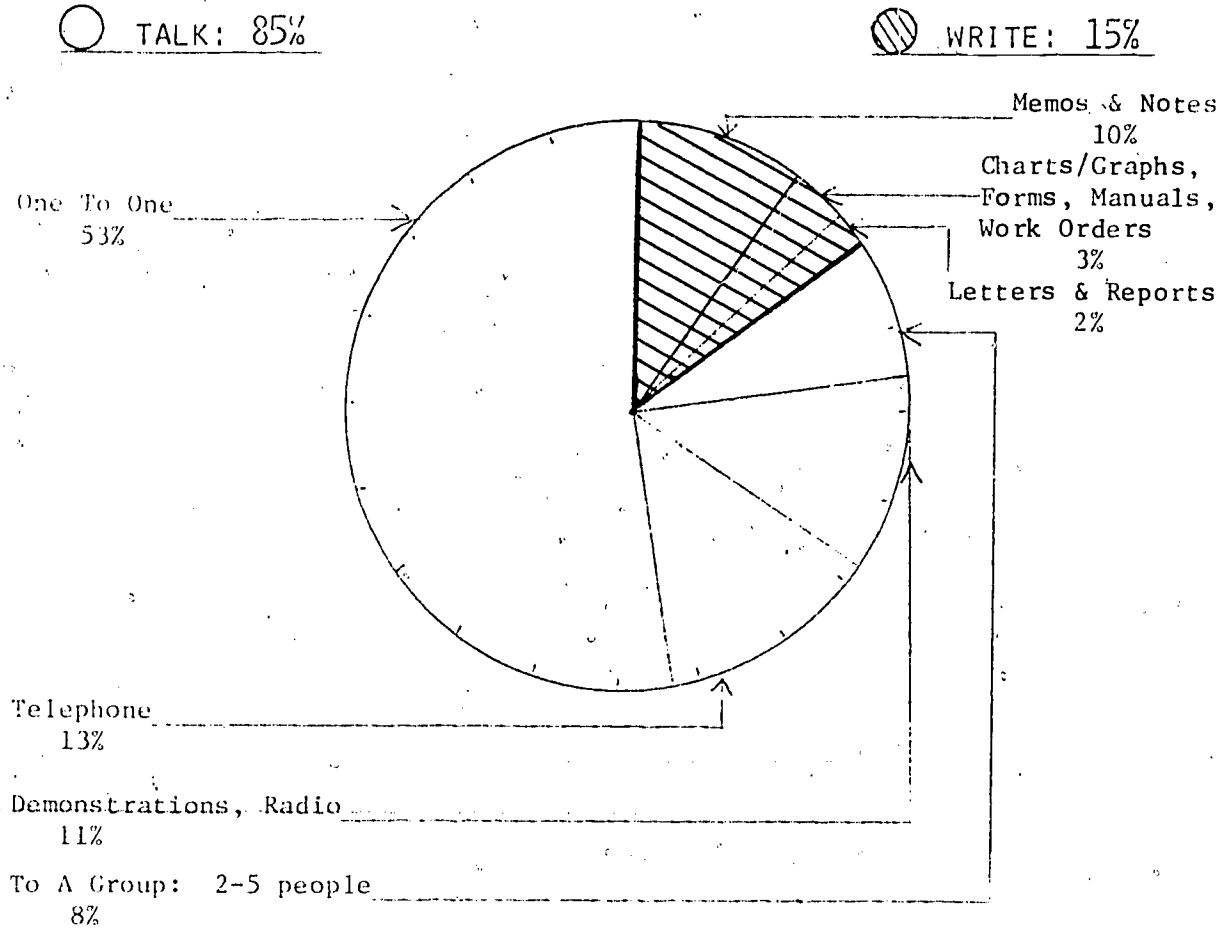


Figure 37

HEALTH OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

TALK: 76%

WRITE: 24%

ONE TO ONE 33%
DEMONSTRATIONS, RADIO . . . 18%
TELEPHONE 14%
TO A GROUP: 2-5 PEOPLE . . 11%

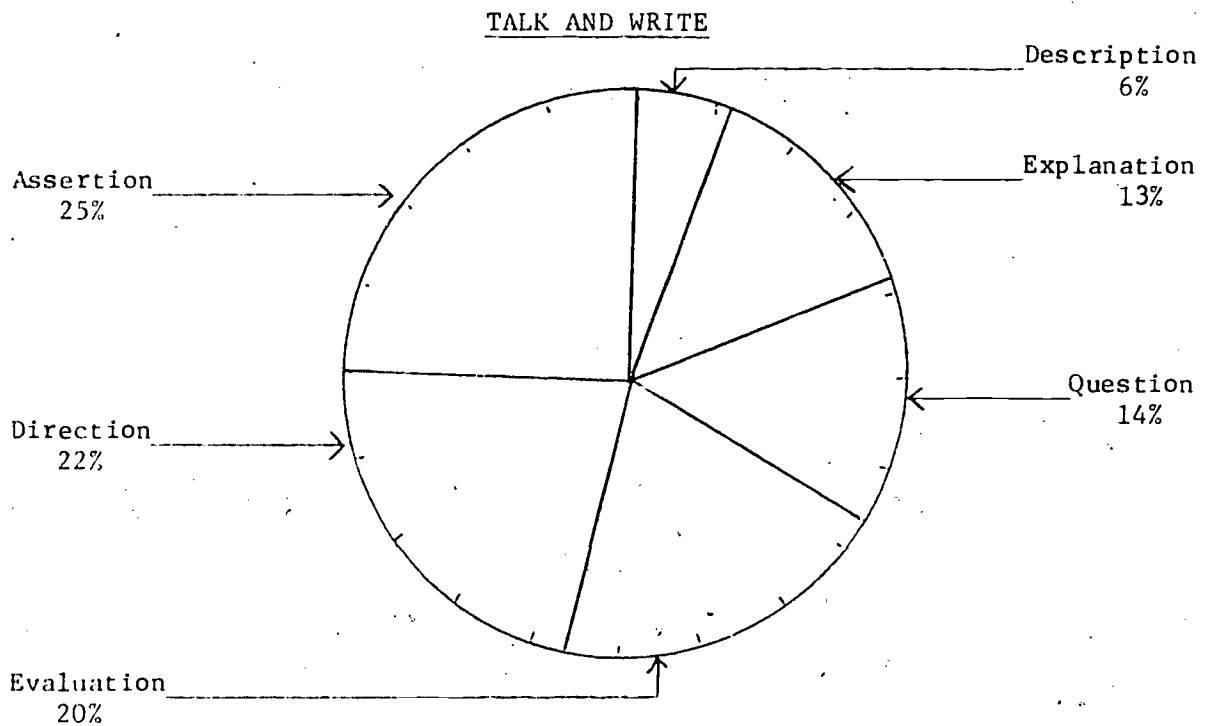
MEMOS & NOTES 13%
CHARTS/GRAPHS, FORMS
MANUALS, WORK ORDERS 3%
LETTERS & REPORTS. . . 3%

Table 37

HEALTH OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 38

HEALTH OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	22%
QUESTION	20%
DIRECTION	19%
EXPLANATION	19%
EVALUATION	13%
DESCRIPTION	7%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

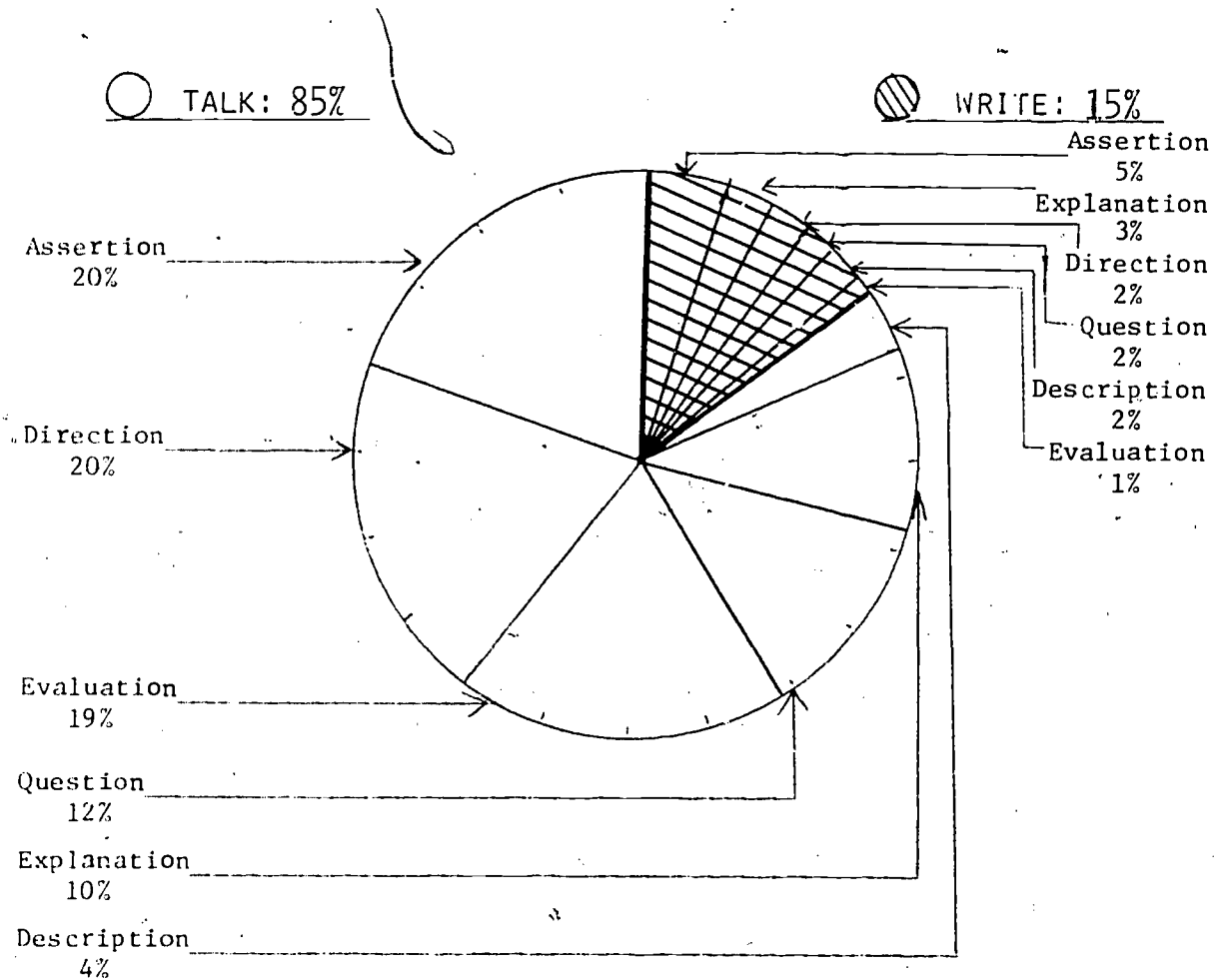
Table 38

97

HEALTH OCCUPATIONS . . .

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 33

HEALTH OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

<u>TALK: 76%</u>		<u>WRITE: 24%</u>	
ASSERTION	19%	DIRECTION	6%
QUESTION	14%	QUESTION	6%
EXPLANATION	14%	EXPLANATION	5%
DIRECTION	13%	ASSERTION	3%
EVALUATION	11%	EVALUATION	2%
DESCRIPTION	5%	DESCRIPTION	2%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

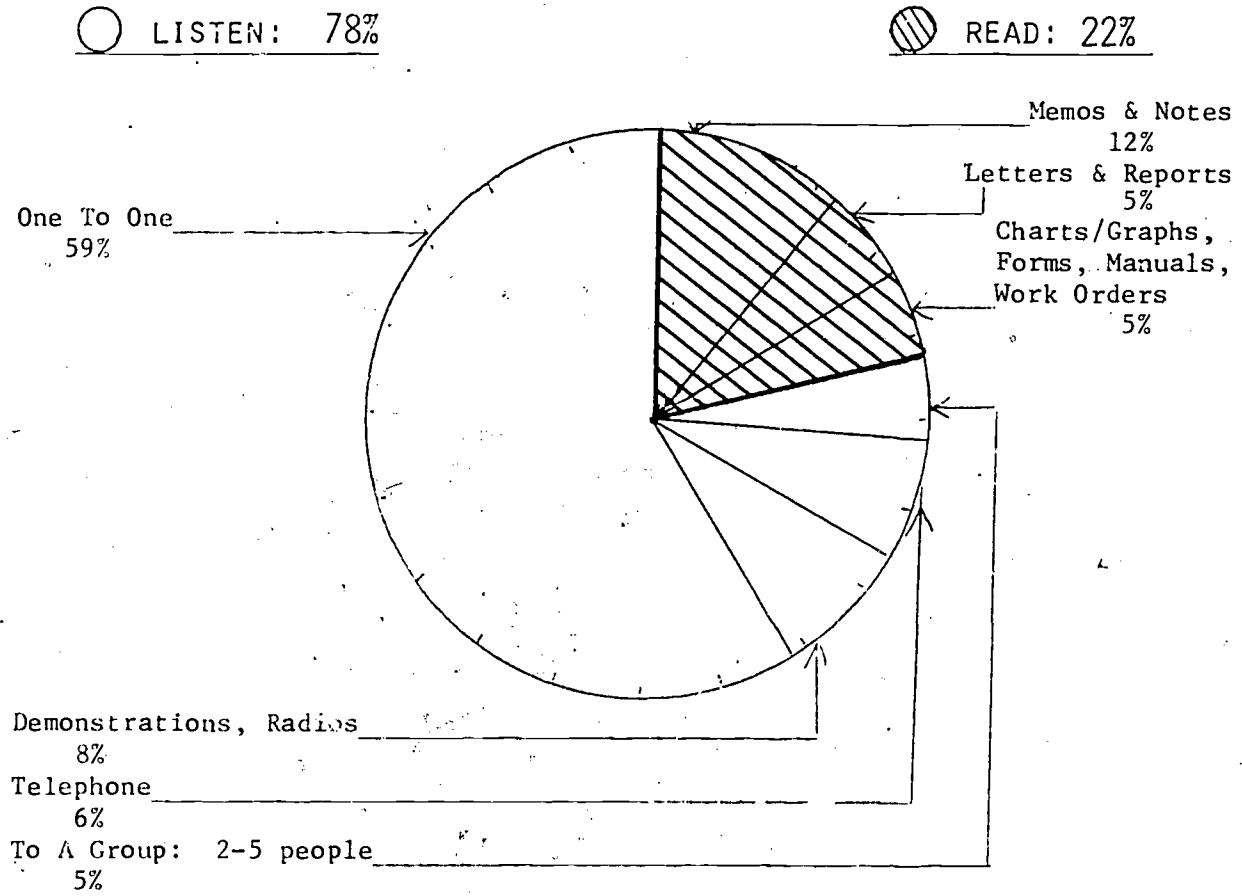
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 39

HEALTH OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE.

WAYS EMPLOYEES RECEIVE COMMUNICATION



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Figure 40

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HEALTH OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATIONS

LISTEN: 73%

READ: 27%

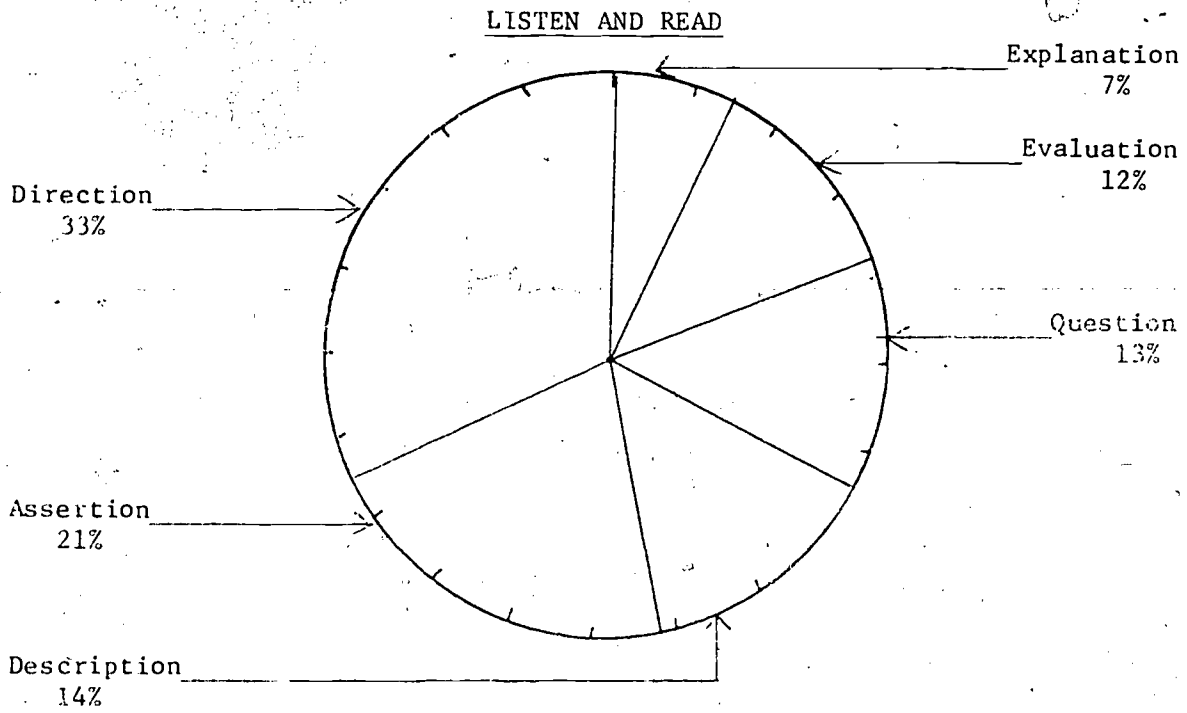
ONE TO ONE 34%
DEMONSTRATIONS, RADIO . . 17%
TELEPHONE 12%
TO A GROUP: 2-5 PEOPLE . . 10%

CHARTS/GRAPHS, FORMS
MANUALS, WORK ORDERS 12%
MEMOS & NOTES 11%
LETTERS & REPORTS . . 4%

HEALTH OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 41

HEALTH OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

LISTEN AND READ

DIRECTION	22%
QUESTION	22%
ASSERTION	20%
EVALUATION	13%
EXPLANATION	12%
DESCRIPTION	11%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

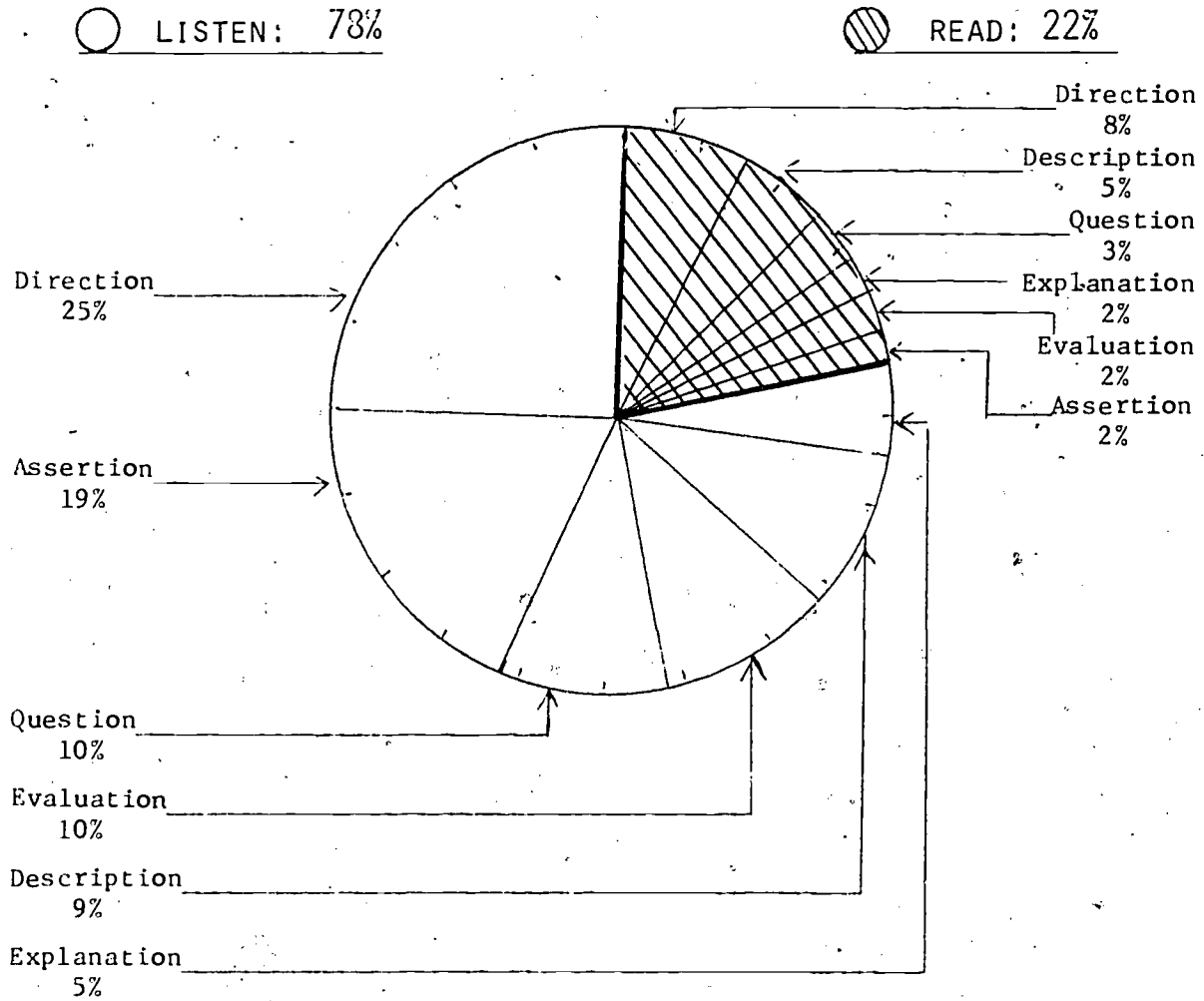
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 41

HEALTH OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

~~Evaluation: assure, appreciate, compliment, correct, scold, reprimand.~~

Figure 42

HEALTH OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

<u>LISTEN: 73%</u>		<u>READ: 27%</u>	
QUESTION	18%	DIRECTION	9%
ASSERTION	15%	ASSERTION	5%
DIRECTION	13%	DESCRIPTION	5%
EVALUATION	11%	QUESTION	4%
EXPLANATION	10%	EXPLANATION	2%
DESCRIPTION	6%	EVALUATION	2%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 42

Individual Supervisors Responding to the
Occupational Communications Skills Questionnaire
(Appendix B)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Auxiliary dental	Receptionist
Auxiliary medical	Office Manager
Nursing	Registered nurse

Advisory Group Supervisors Responding to the
Condensed Occupational Communications Skills Questionnaire
(Appendix D)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Auxiliary dental	Owner, Manager, President
Auxiliary medical	Registered nurse, Administrator, Supervisor
Nursing	Registered nurse, head nurse

Analysis of Questionnaire Responses

Ways Supervisors Send Communications (Figure 43, Table 43) Health Occupations supervisors answering both questionnaires gave information most frequently by talking. Talking to one person face-to-face (34%) and talking by telephone were the most frequent ways of transmitting communications. When writing was used to give information, these supervisors used memos and notes more frequently than any other form of written communication.

Kinds of Information Supervisors Send in Communications (Figures 44, 45, Tables 44, 45) Assertions (advice, opinions, etc.) and directions (directions, instructions, orders) were the kinds of information given most frequently by the supervisors. This information was given by both talking and writing. Supervisors in both the auxiliary dental and auxiliary medical clusters ask questions more frequently than any other kind of communication. Nursing supervisors report giving explanations more frequently than any other kind of communication.

Ways Supervisors Receive Communications (Figure 46, Table 46) Supervisors answering both questionnaires received information most frequently by listening. Listening to one person face-to-face was the most frequent way of receiving information. Listening by telephone ranked next in frequency as a way of listening for information. When reading was used to receive information, the supervisors read ~~memos and notes more frequently than any other written communications~~ (over 50% of the responses).

Kinds of Information Supervisors Receive in Communications (Figures 47, 48, Tables 47, 48) Assertions, questions and directions were the kinds of information received most frequently by the supervisors. This information was received most frequently by listening. The single kind of communications dealt with by health occupations supervisors were questions.

HEALTH OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS

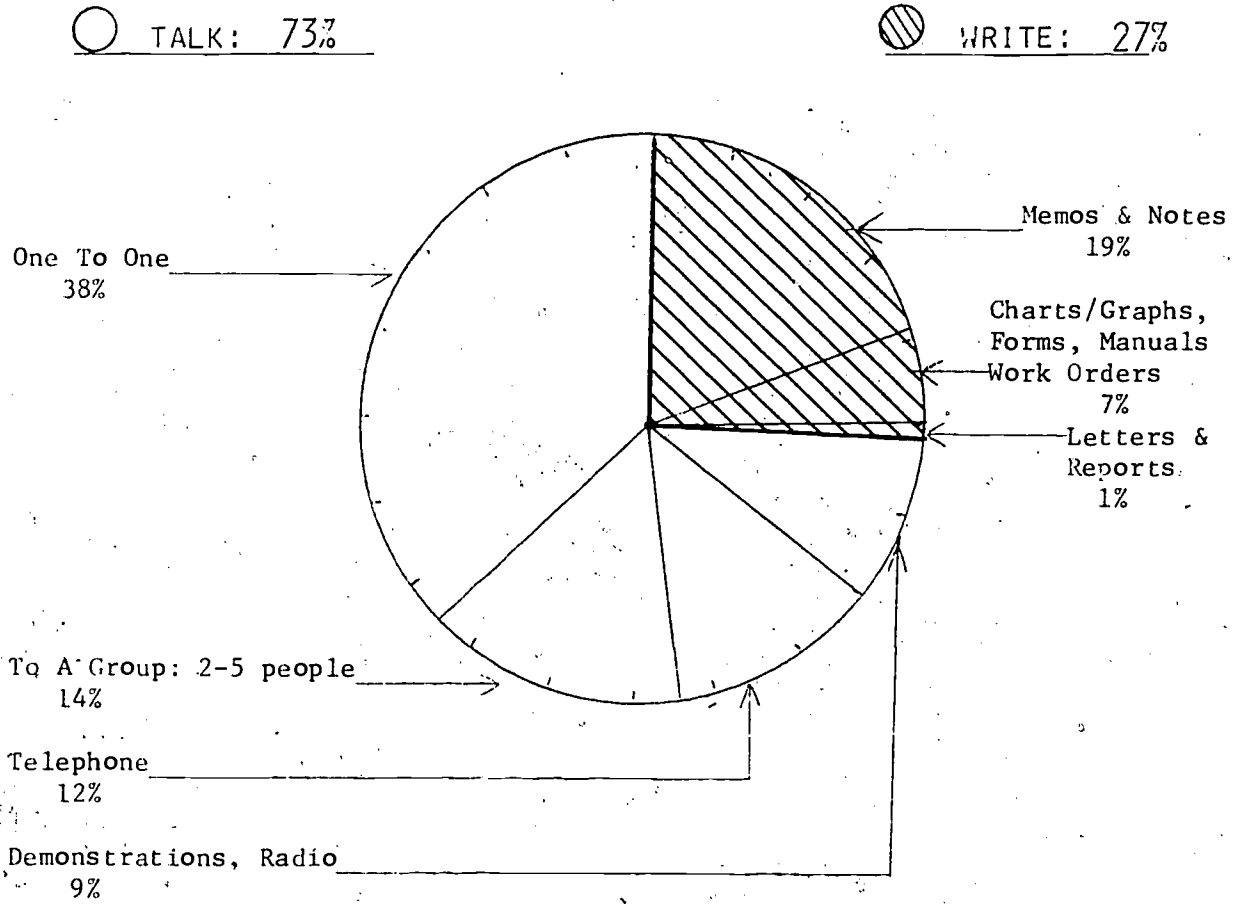


Figure 43

HEALTH OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS

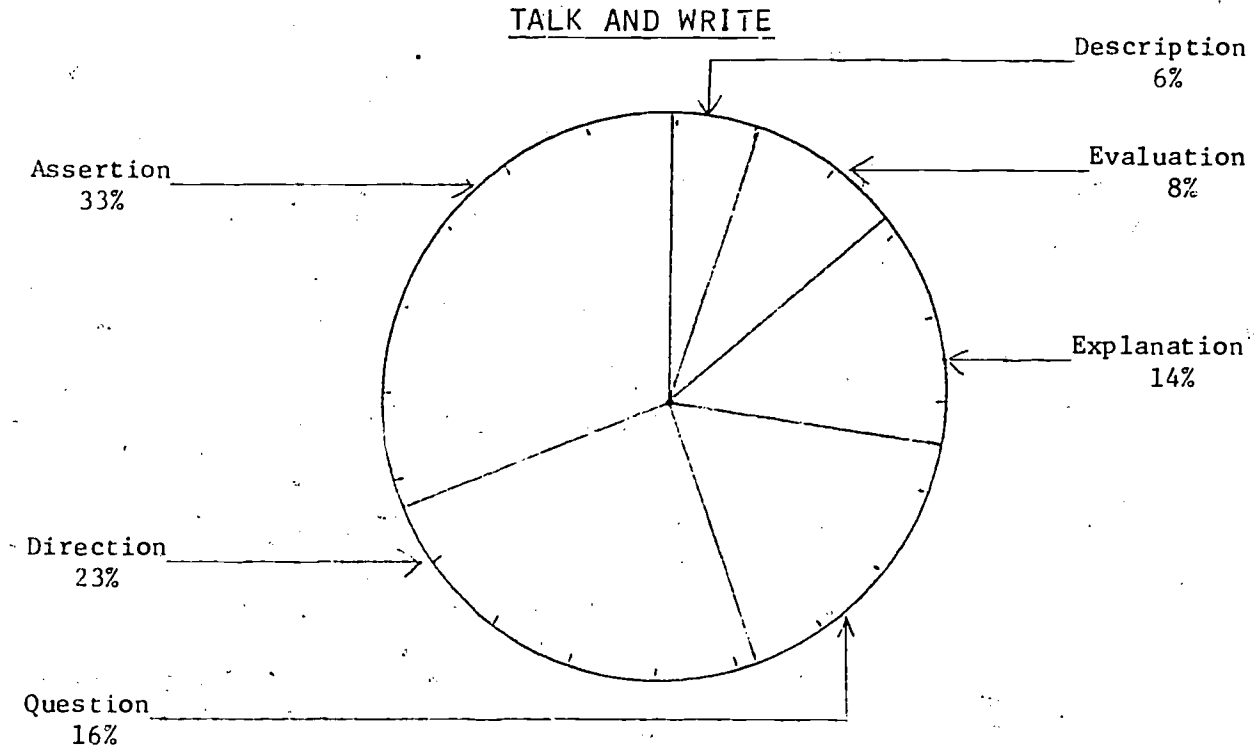
<u>TALK: 72%</u>	<u>WRITE: 28%</u>
ONE TO ONE 34%	MEMOS & NOTES . . . 19%
TELEPHONE 17%	CHARTS/GRAPHS, FORMS MANUALS, WORK ORDERS 6%
TO A GROUP: 2-5 PEOPLE 12%	LETTERS & REPORTS . . 3%
DEMONSTRATIONS, RADIO . 9%	

Table 43

HEALTH OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 44

HEALTH OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

TALK AND WRITE:

ASSERTION	26%
DIRECTION	23%
QUESTION	17%
EXPLANATION . . .	17%
EVALUATION . . .	14%
DESCRIPTION . . .	3%

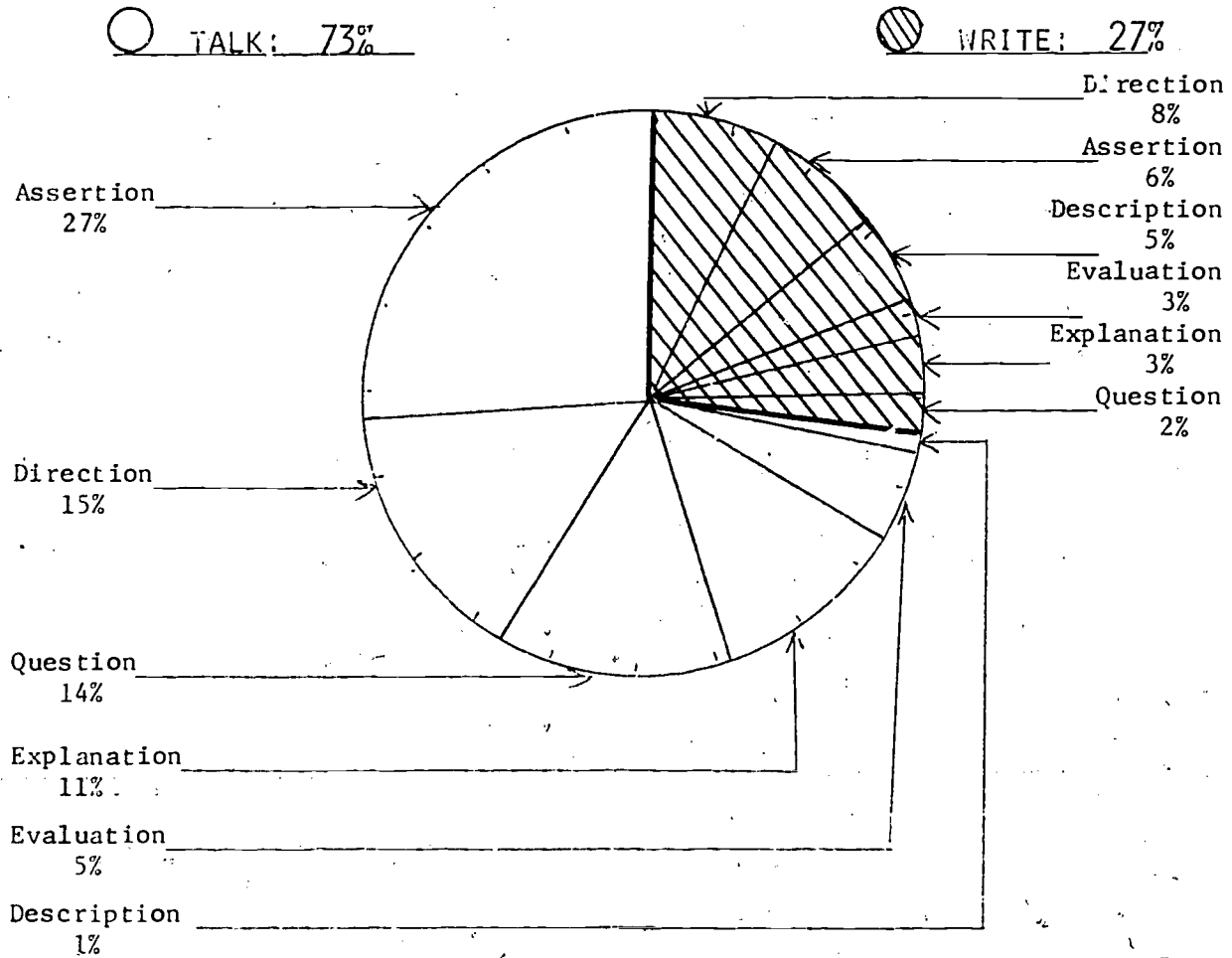
- ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST;
- DIRECTION: DIRECT, INSTRUCT, ORDER.
- EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 44

HEALTH OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.
Direction: direct, instruct, order.
Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 45

HEALTH OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

<u>TALK: 72%</u>		<u>WRITE: 28%</u>	
ASSERTION	17%	ASSERTION	9%
DIRECTION	15%	DIRECTION	8%
QUESTION	14%	EXPLANATION	5%
EXPLANATION	12%	QUESTION	3%
EVALUATION	12%	EVALUATION	2%
DESCRIPTION	2%	DESCRIPTION	1%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPREICATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 45

HEALTH OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATION

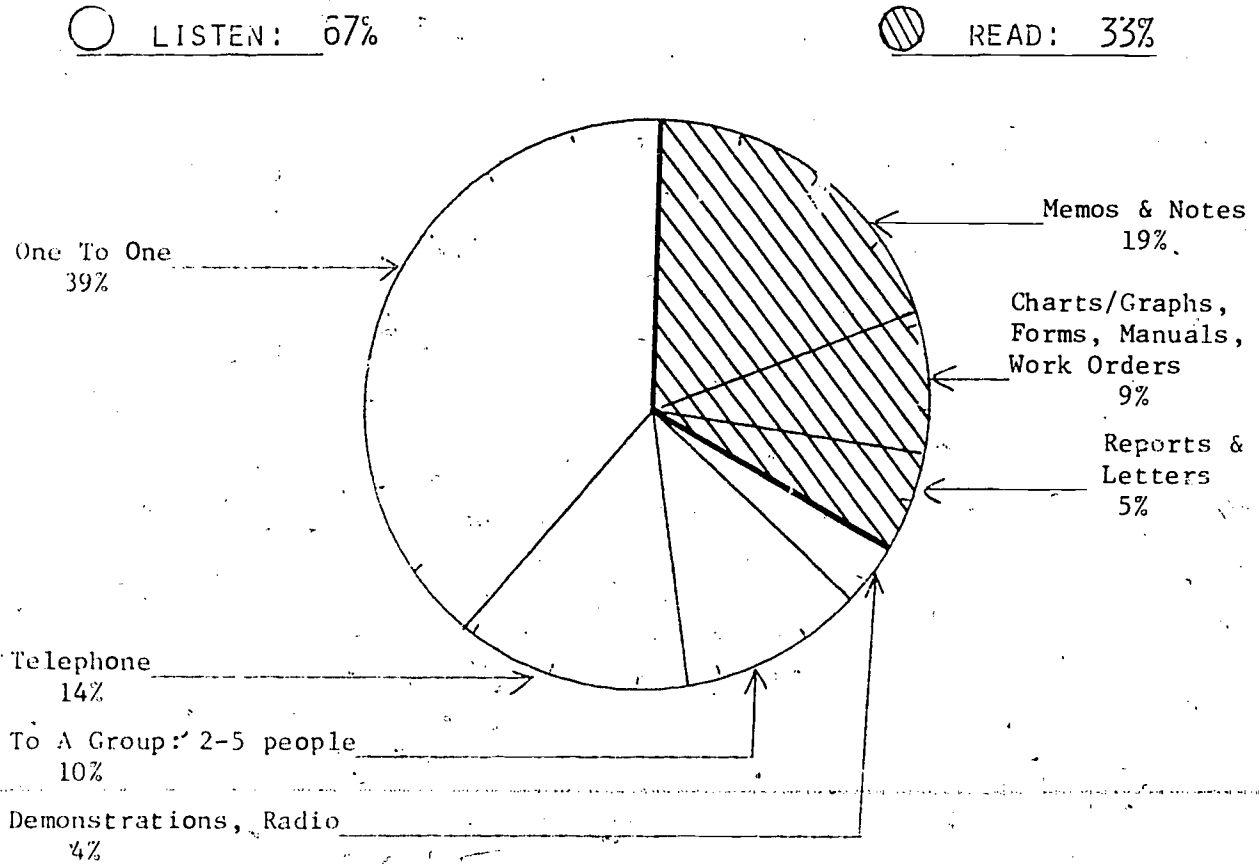


Figure 46

HEALTH OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATIONS

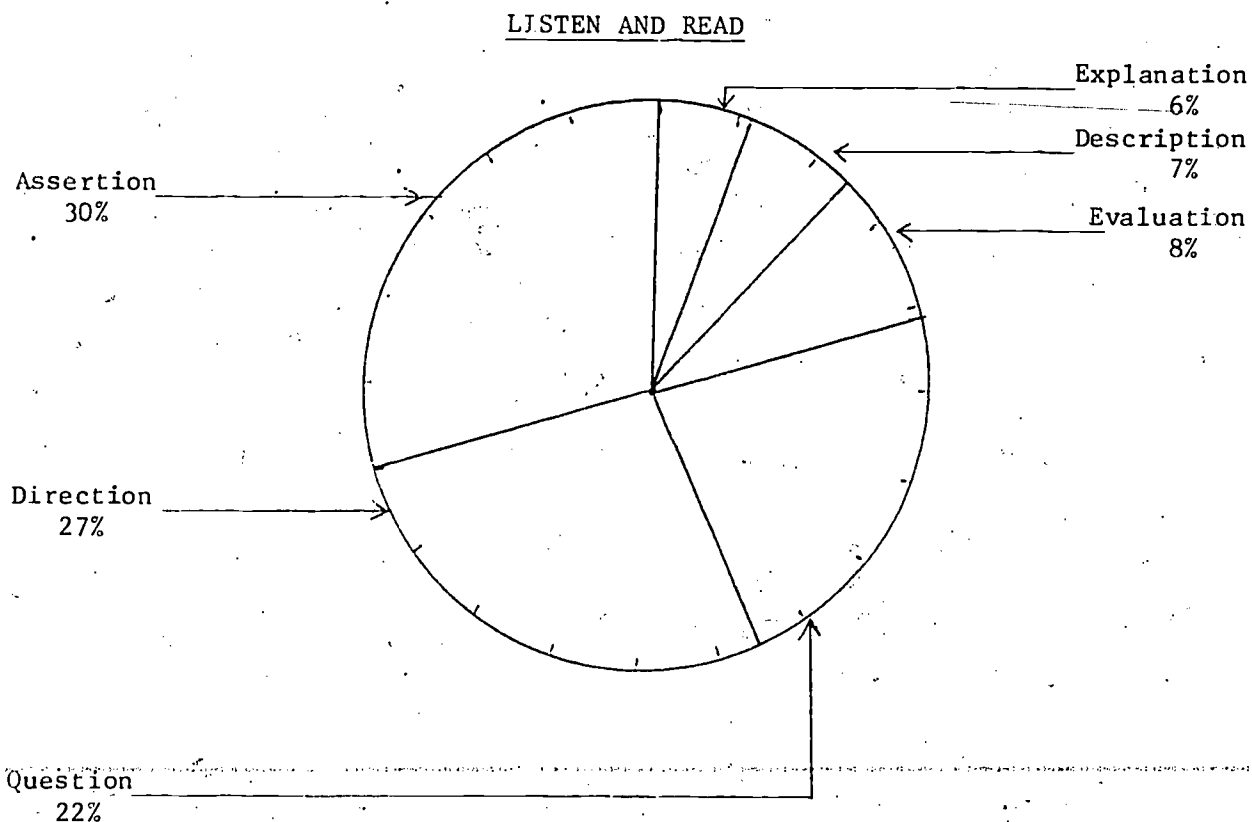
<u>LISTEN:</u> 69%	<u>READ:</u> 31%
ONE TO ONE 36%	MEMOS & NOTES . . . 19%
TELEPHONE 18%	LETTERS & REPORTS . 7%
TO A GROUP: 2-5 PEOPLE . . 10%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS 5%
DEMONSTRATIONS, RADIO . . . 5%	

Table 46

HEALTH OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 47

HEALTH OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

LISTEN AND READ

QUESTION	29%
ASSERTION	23%
DIRECTION	16%
EXPLANATION	14%
EVALUATION	13%
DESCRIPTION	5%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

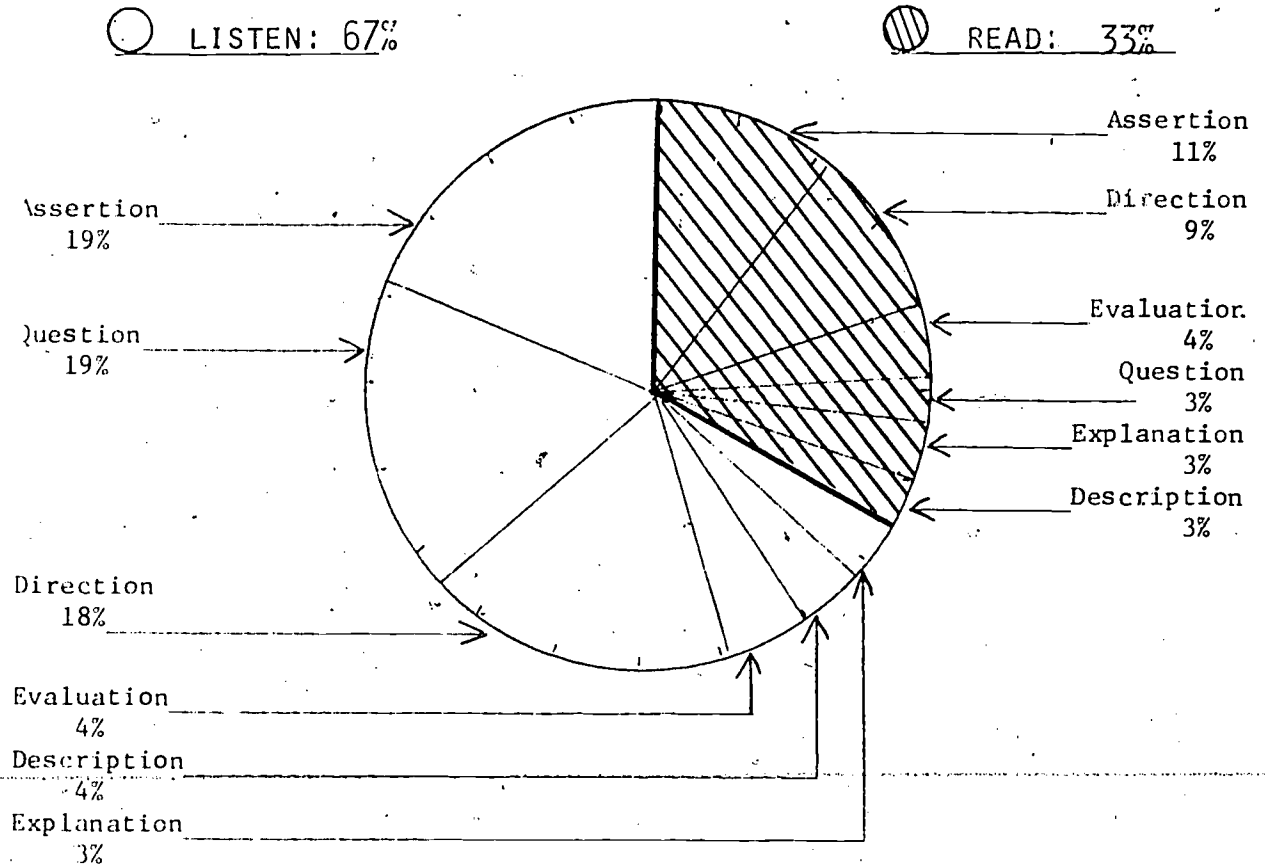
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 47

HEALTH OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 48

HEALTH OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

<u>LISTEN: 69%</u>		<u>READ: 31%</u>	
QUESTION	22%	DIRECTION	8%
ASSERTION	17%	QUESTION	7%
EXPLANATION	10%	ASSERTION	6%
EVALUATION	9%	EXPLANATION	4%
DIRECTION	8%	EVALUATION	4%
DESCRIPTION	3%	DESCRIPTION	2%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 48

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CHAPTER VI

HOME AND FAMILY LIFE OCCUPATIONS

Home and Family Life employee and supervisor responses to the Occupational Communications Skills Questionnaires are summarized in Figures 49-60.

Individual employee responses are summarized in Figures 49-54;
Individual supervisor responses are summarized in Figures 55-60.

Advisory Group employee and supervisor responses to the Condensed Occupational Communications Skills Questionnaires are summarized in Tables 49-60.

Advisory Group employee responses are summarized in Tables 49-54;
Advisory Group supervisor responses are summarized in Tables 55-60.

Individual Employees Responding to the
Occupational Communications Skills Questionnaire
(Appendix A)

Occupational Clusters

Job Categories

Child development
Community Organization
Social service/Casework

Teacher
Homemaker II
Social service person

Advisory Group Employees Responding to the
Condensed Occupational Communications Skills Questionnaire
(Appendix C)

Occupational Clusters

Job Categories

Community organization

Housing coordinator, Child
care worker, Student, Pre-
retirement planning

Social service/Casework

Counselor, Volunteer, Student

Analysis of Questionnaire Responses

Ways Employees Send Communications (Figure 49, Table 49) Home and Family Life employees answering both questionnaires gave information most frequently by talking. Talking to one person face-to-face was the most frequent way of giving information. Just talking to one person face-to-face and talking by telephone combined, account for over 55% of the total ways of sending communications and three-quarters of the oral communications are in this category. When writing to give information, the employees reported the use of memos and notes in more than 75% of the responses where written communications were used. There was a noticeable consistency in the Home

and Family Life section as to the ways employees send communications. Employees involved in social service casework tended to communicate orally substantially more than those employed in child development or community service organization occupations.

Kinds of Information Employees Send in Communications (Figures 50, 51, Tables 50, 51) Assertions (advice, opinions, etc.), evaluations (assurance, appreciation, etc.) and questions were the kinds of information given most frequently by the employees. This information was given most frequently by talking. Communications that deal with explanations and questions particularly were ranked predominantly among Home and Family Life employees who responded to the questionnaire.

Ways Employees Receive Communications (Figure 52, Table 52) Employees answering both questionnaires in Home and Family Life received information most frequently by listening. Listening to one person face-to-face was the most frequent way of receiving information. Listening by telephone ranked next in frequency as a way of listening for information. When reading was used to receive information, the employees read memos and notes more frequently than any other written communications. There was a spread of 39 percentage points between the employees' responses in community organizations and employees' responses in social service casework in the receiving of oral communications.

Kinds of Information Employees Receive in Communications (Figures 53, 54, Tables 53, 54) Assertions, evaluations and questions are the kinds of information received most frequently by the employees. Employees answering the detailed questionnaires received this information with almost equal frequency by both listening and reading, but employees answering the condensed questionnaires received this information most frequently by listening. There is a considerable discrepancy between the individuals reporting and the advisory groups as far as the kinds and amount of communications received by listening as contrasted to reading. Individuals reported twice as much reading as did the advisory group.

HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

○ TALK: 80%

◐ WRITE: 20%

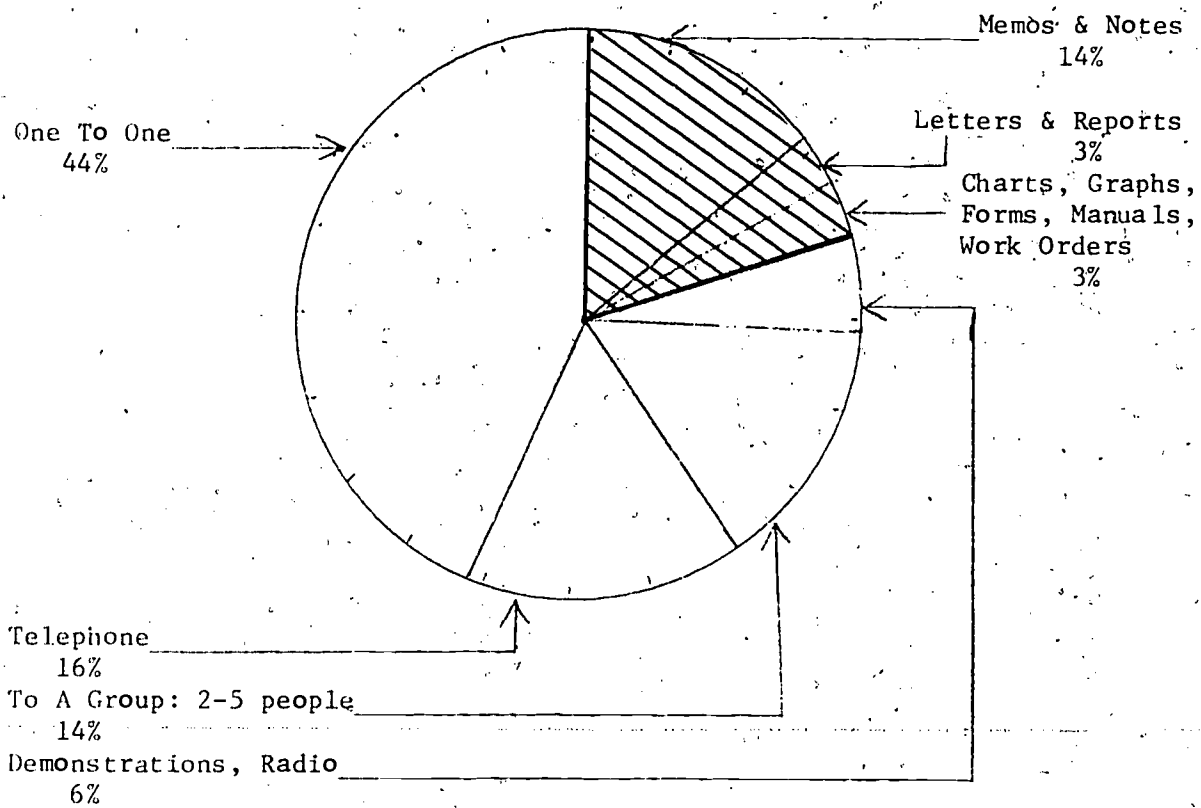


Figure 49

HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

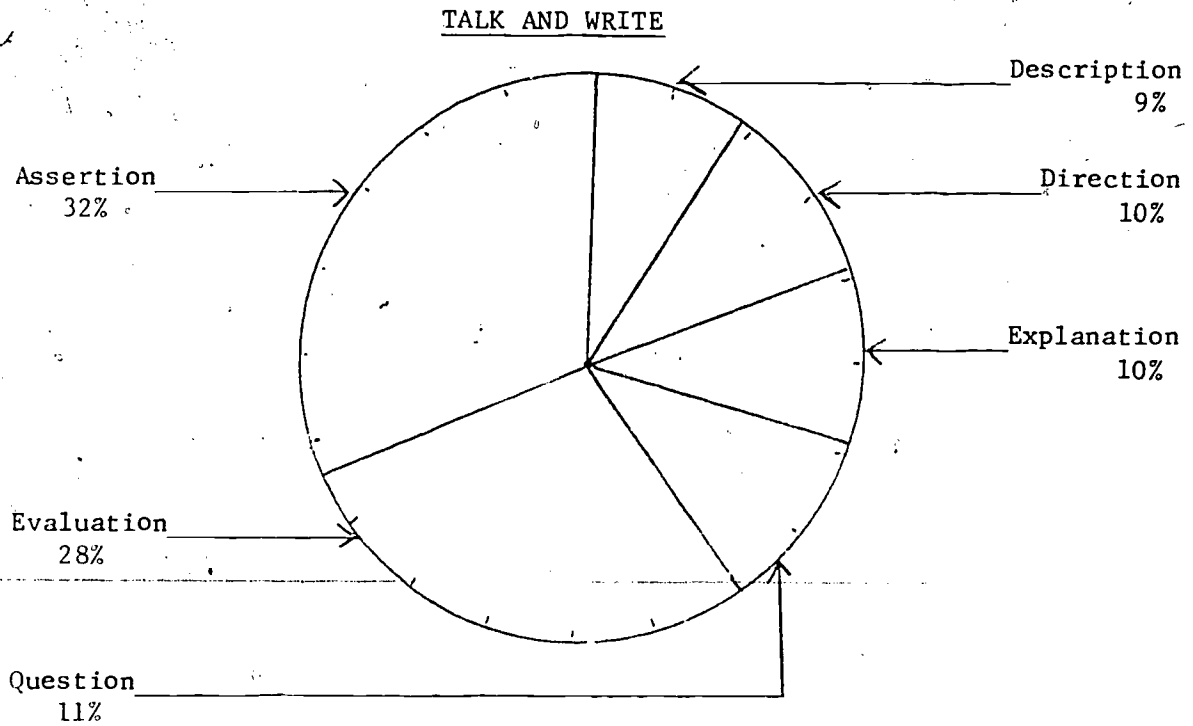
WAYS EMPLOYEES SEND COMMUNICATIONS

<u>TALK: 75%</u>	<u>WRITE: 25%</u>
ONE TO ONE 35%	MEMOS & NOTES 17%
TELEPHONE 21%	LETTERS & REPORTS . . . 7%
TO A GROUP: 2-5 PEOPLE . 17%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS 1%
DEMONSTRATIONS, RADIO . . 2%	

HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 10

HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	36%
QUESTION	20%
EVALUATION	15%
EXPLANATION	13%
DESCRIPTION	9%
DIRECTION	7%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

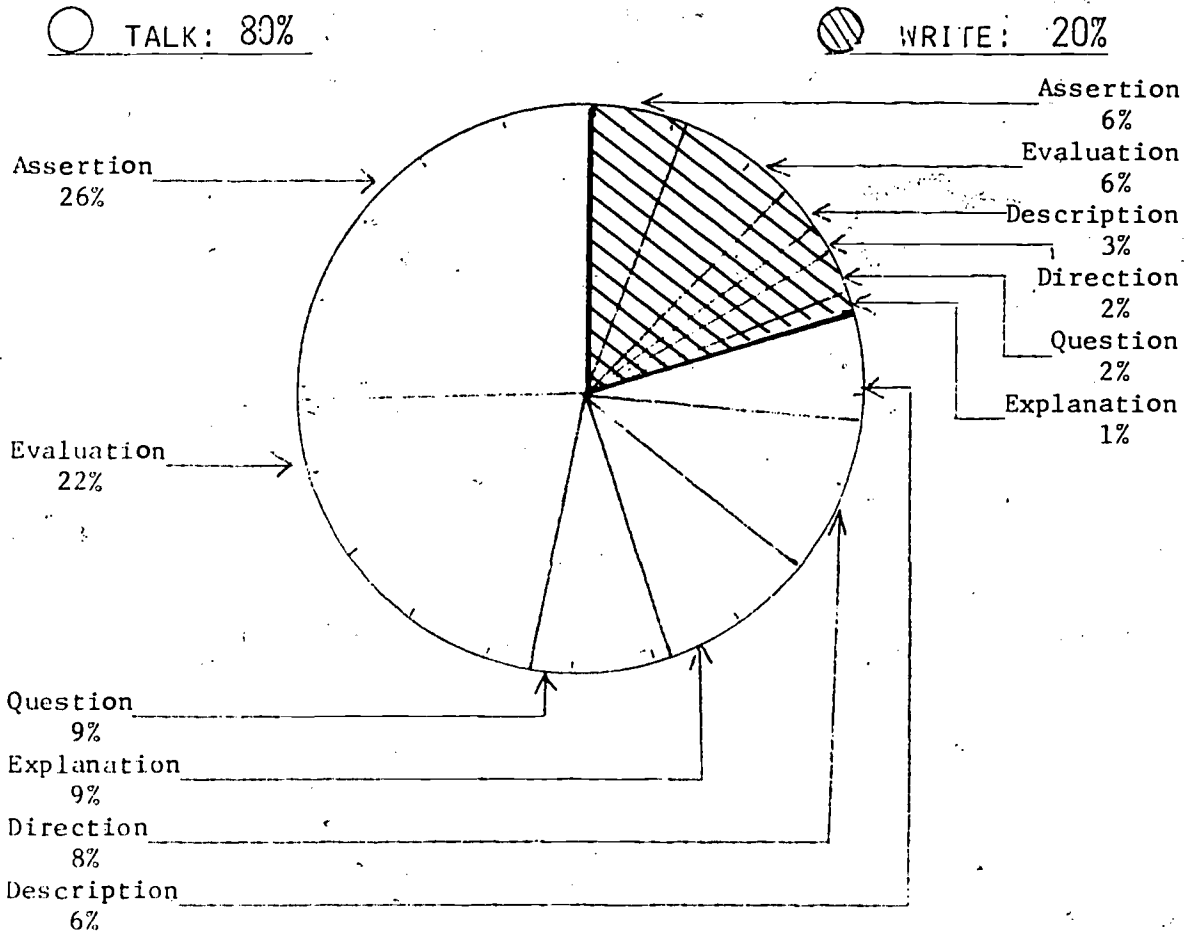
Table 50

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HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE.

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 51

HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

<u>TALK: 75%</u>	<u>WRITE: 25%</u>
ASSERTION 29%	ASSERTION 7%
QUESTION 13%	DIRECTION 4%
EVALUATION 11%	EXPLANATION 4%
EXPLANATION 9%	EVALUATION 4%
DESCRIPTION 5%	DESCRIPTION 4%
DIRECTION 3%	QUESTION 2%

- ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL, PROPOSE, SUGGEST.
- DIRECTION: DIRECT, INSTRUCT, ORDER.
- EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD, REPRIMAND.

Table 51

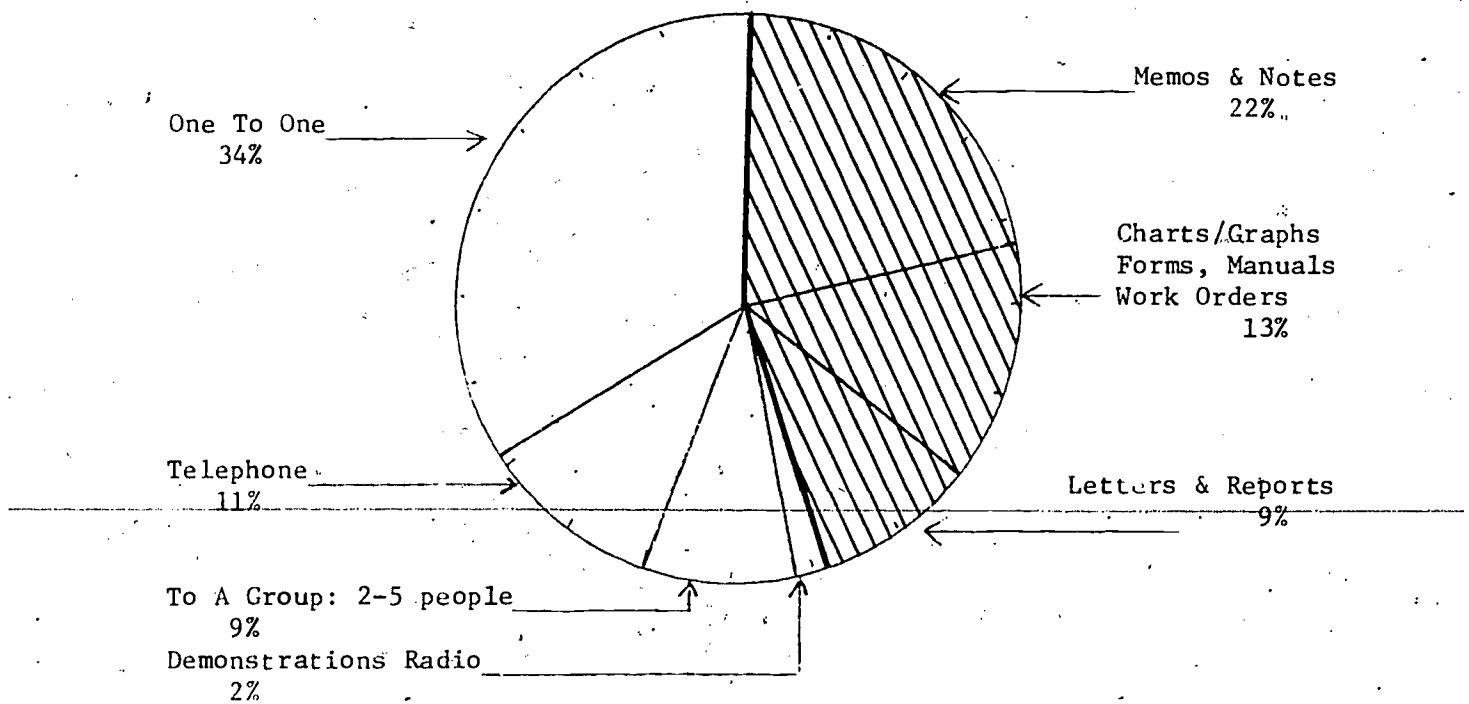
HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATION

○ LISTEN: 56%

◐ READ: 44%



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Figure 52

HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATIONS

LISTEN: 78%

READ: 22%

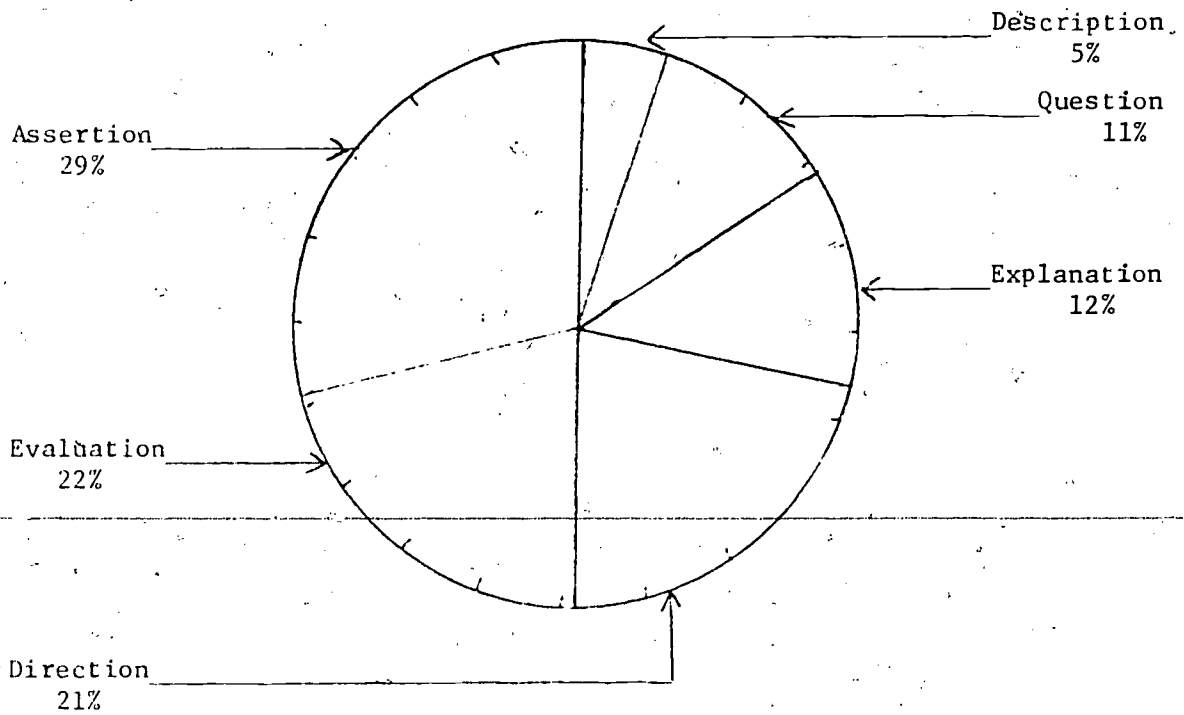
ONE TO ONE	36%	MEMOS & NOTES	11%
TELEPHONE	21%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS	8%
TO A GROUP: 2-5 PEOPLE . . .	17%	LETTERS & REPORTS . . .	3%
DEMONSTRATIONS, RADIO . . .	4%		

HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

LISTEN AND READ



- Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.
Direction: direct, instruct, order.
Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 53

HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

LISTEN AND READ

ASSERTION	28%
QUESTION	24%
DIRECTION	16%
EXPLANATION	15%
EVALUATION	10%
<hr/>	
DESCRIPTION	7%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

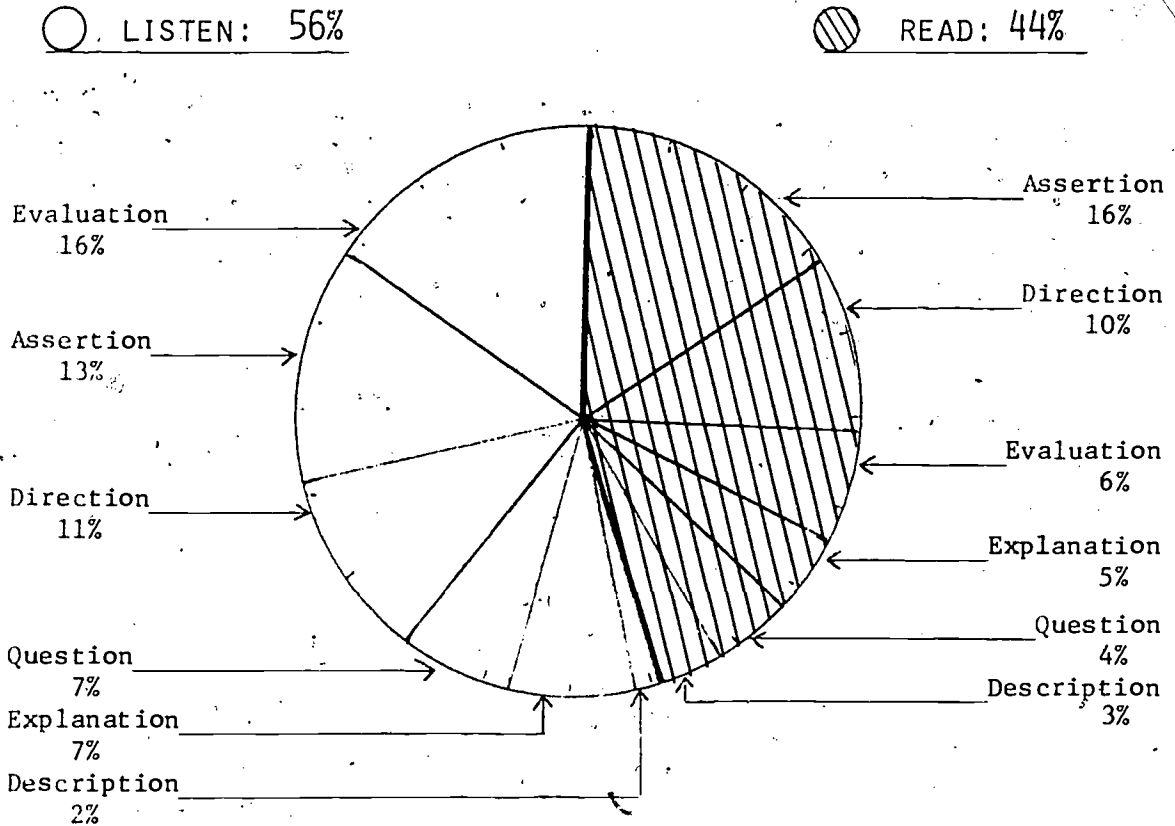
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 55

HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 54

HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

<u>LISTEN: 78%</u>	<u>READ: 22%</u>
ASSERTION 22%	ASSERTION 6%
QUESTION 20%	DIRECTION 6%
EXPLANATION 12%	QUESTION 4%
DIRECTION 10%	EXPLANATION 3%
EVALUATION 9%	DESCRIPTION 2%
DESCRIPTION 5%	EVALUATION 1%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 54

Individual Supervisors Responding to the
Occupational Communications Skills Questionnaire
(Appendix B)

Occupational Clusters

Child development
Community organization
Social service/Casework

Job Categories

Supervisor
Casework supervisor
Social service
coordinator

Advisory Group Supervisors Responding to the
Condensed Occupational Communications Skills Questionnaire
(Appendix D)

Occupational Clusters

Community organization

Social service/Casework

Job Categories

Director, Co-director,
Executive director,
Community resource
coordinator

Director of counseling,
Director, Supervisor

Analysis of Questionnaire Responses

Ways Supervisors Send Communications (Figure 55, Table 55) Home and Family Life supervisors answering both questionnaires gave information most frequently by talking. Talking to one person face-to-face was the most frequent way of presenting communications. Nearly one-third of the time supervisors delivered communications in this manner. Oral communication was indicated in 75% of the responses. (When oral communication was reported, one-to-one communication was said to be used 45% of the time.) When writing was used to give information, the supervisors used memos and notes and letters and reports more frequently than any other form of written communication.

Kinds of Information Supervisors Send in Communications (Figures 56, 57, Tables 56, 57) Assertions (advice, opinions, etc.) questions, evaluations (assurance, appreciation, etc.) and directions (directions, instructions, orders) were the kinds of information given most frequently by the supervisors. Supervisors answering the condensed questionnaire asked questions most frequently by talking but assertions and directions were given by both talking and writing. Supervisors answering the detailed questionnaires gave this information most frequently by talking.

Ways Supervisors Receive Communications (Figure 58, Table 58) Supervisors in Home and Family Life answering both questionnaires received information most frequently by listening. Listening to

one person face-to-face was the most frequent way of receiving information; however, the telephone is used more than other oral means of communication except face-to-face in the clusters of child development and social service casework. When reading was used to receive information, supervisors read memos and notes more frequently than any other written communications.

Kinds of Information Supervisors Receive in Communications
Figures 59, 60, Tables 59, 60) Questions and assertions (advice, opinions, etc.) were the kinds of information received most frequently by these supervisors. The supervisors received questions more frequently than any other single kind of information. This information was received most frequently by listening.

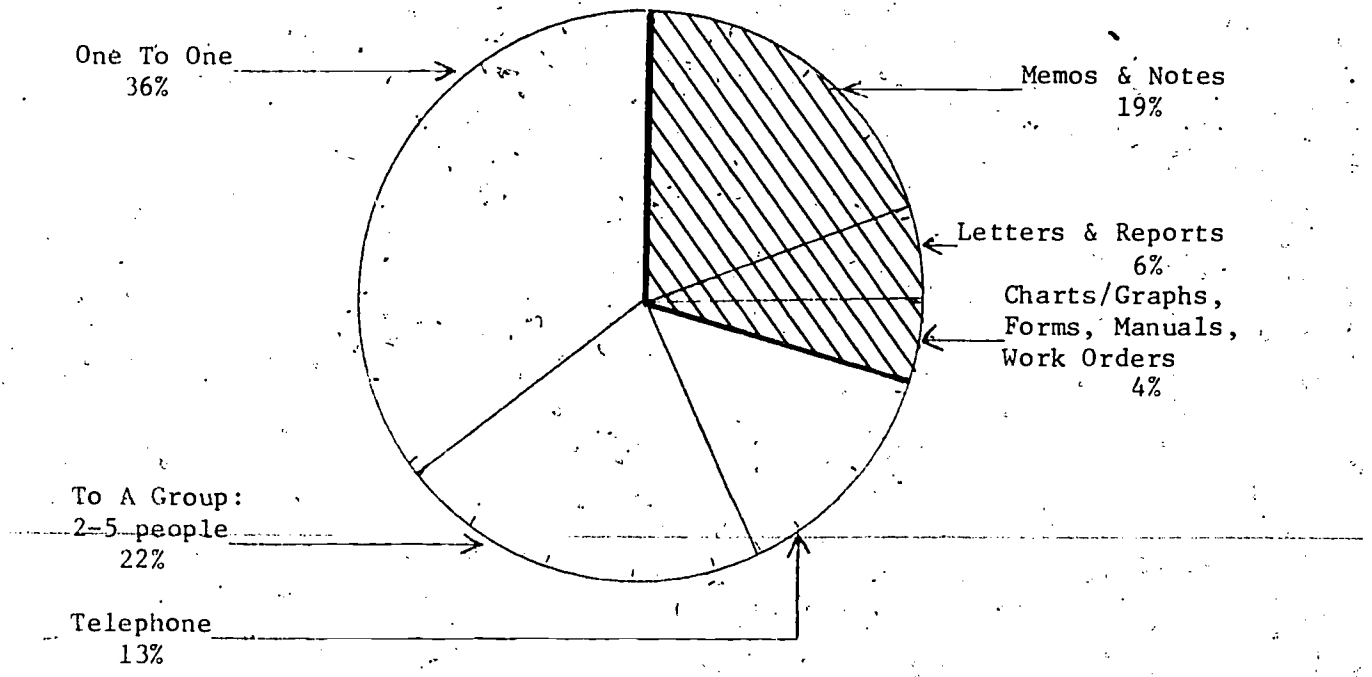
HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS

○ TALK: 71%

◐ WRITE: 29%



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Figure 55

HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS

TALK: 73%

WRITE: 42%

ONE TO ONE 33%

TELEPHONE 22%

TO A GROUP: 2-5 PEOPLE 16%

DEMONSTRATIONS, RADIO. 2%

MEMOS & NOTES 17%

LETTERS & REPORTS . . . 6%

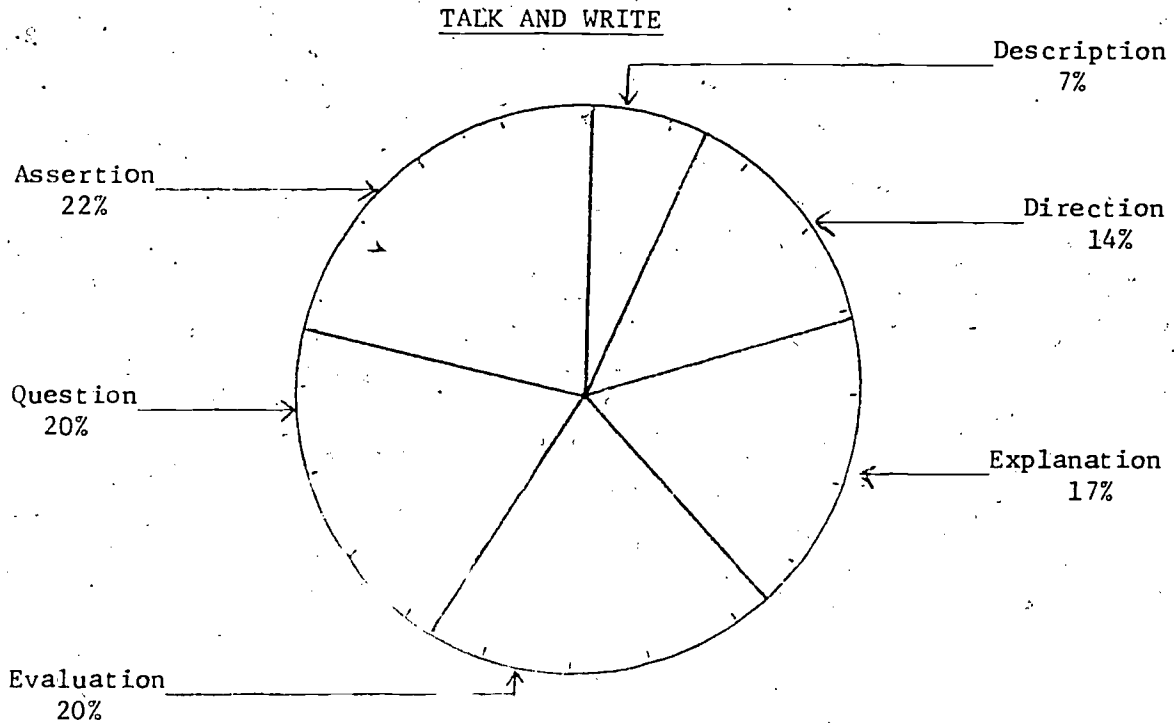
CHARTS/GRAPHS, FORMS,
MANUALS, WORK ORDERS 4%

Table 55

HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 56

HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	31%
QUESTION	17%
DIRECTION	16%
EVALUATION	15%
EXPLANATION	13%
DESCRIPTION	8%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

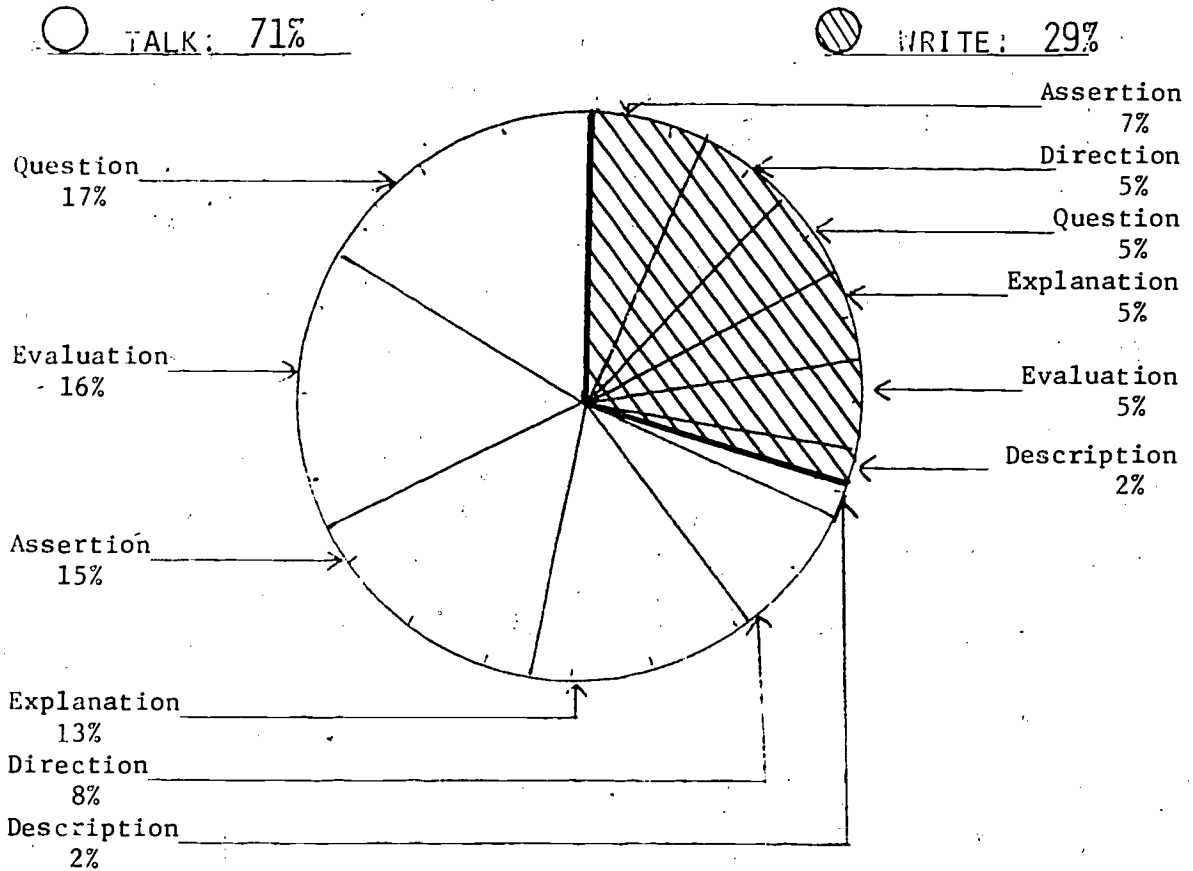
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 56

HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 57

HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

<u>TALK: 73%</u>	<u>WRITE: 27%</u>
ASSERTION 22%	ASSERTION 9%
EVALUATION 14%	DIRECTION 7%
QUESTION 14%	EXPLANATION 4%
DIRECTION 9%	QUESTION 3%
EXPLANATION 9%	DESCRIPTION 3%
DESCRIPTION 5%	EVALUATION 1%

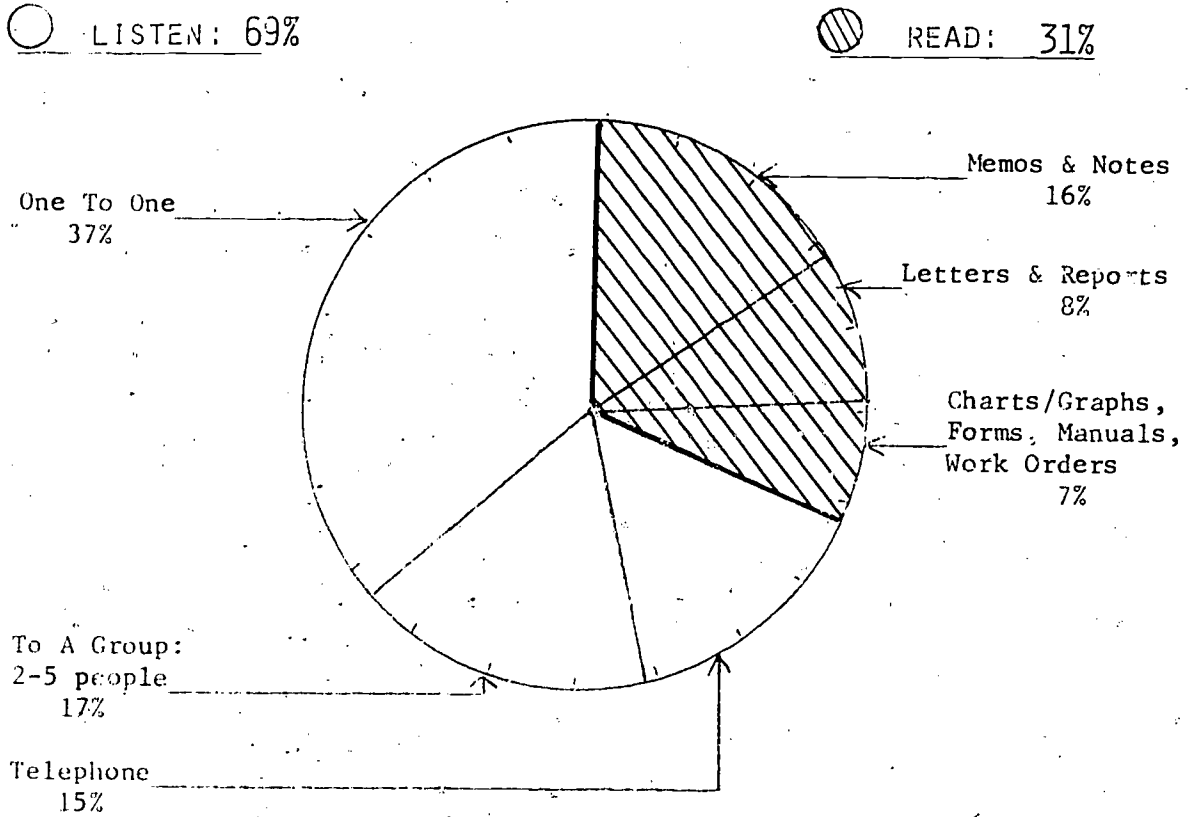
- ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL, PROPOSE, SUGGEST.
- DIRECTION: DIRECT, INSTRUCT, ORDER.
- EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD, REPRIMAND.

Table 57

HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATION



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Figure 58

HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATIONS

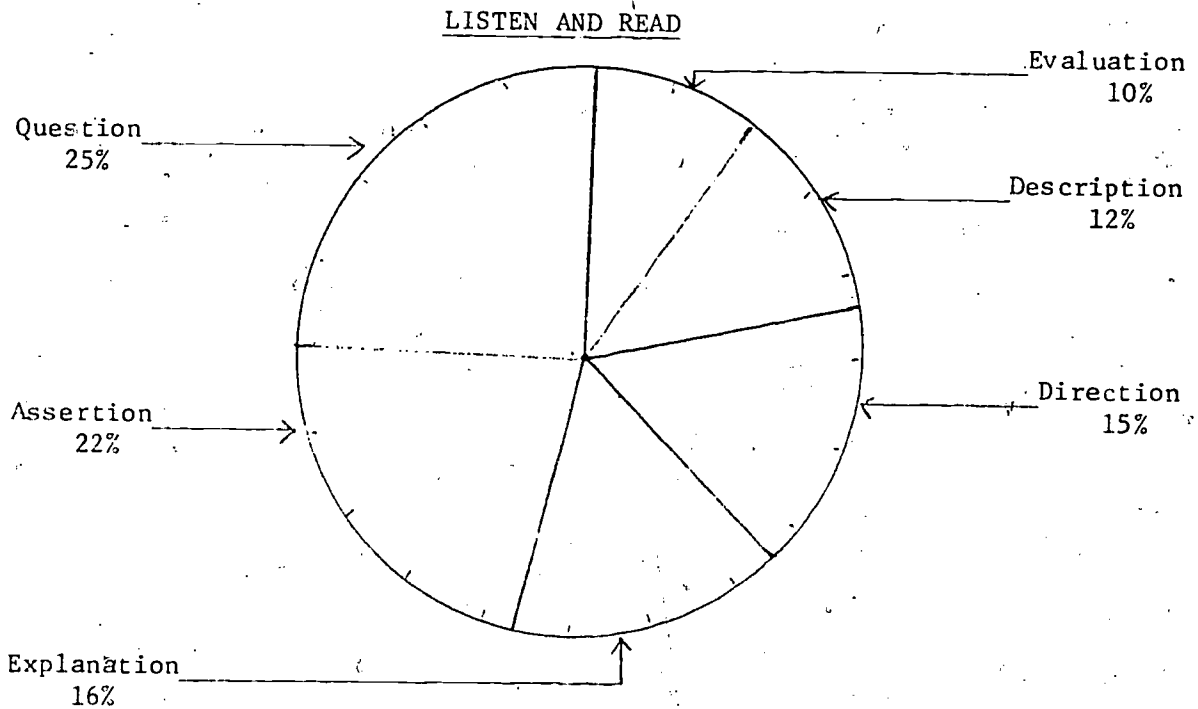
<u>LISTEN: 74%</u>	<u>READ: 26%</u>
ONE TO ONE 31%	MEMOS & NOTES 16%
TELEPHONE 26%	LETTERS & REPORTS . . . 8%
TO A GROUP: 2-5 PEOPLE . . 15%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS 2%
DEMONSTRATIONS, RADIO . . . 2%	

Table 58

HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 53

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HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

LISTEN AND READ

ASSERTION	40%
QUESTION	28%
EXPLANATION	13%
DIRECTION	8%
EVALUATION	6%
DESCRIPTION	5%

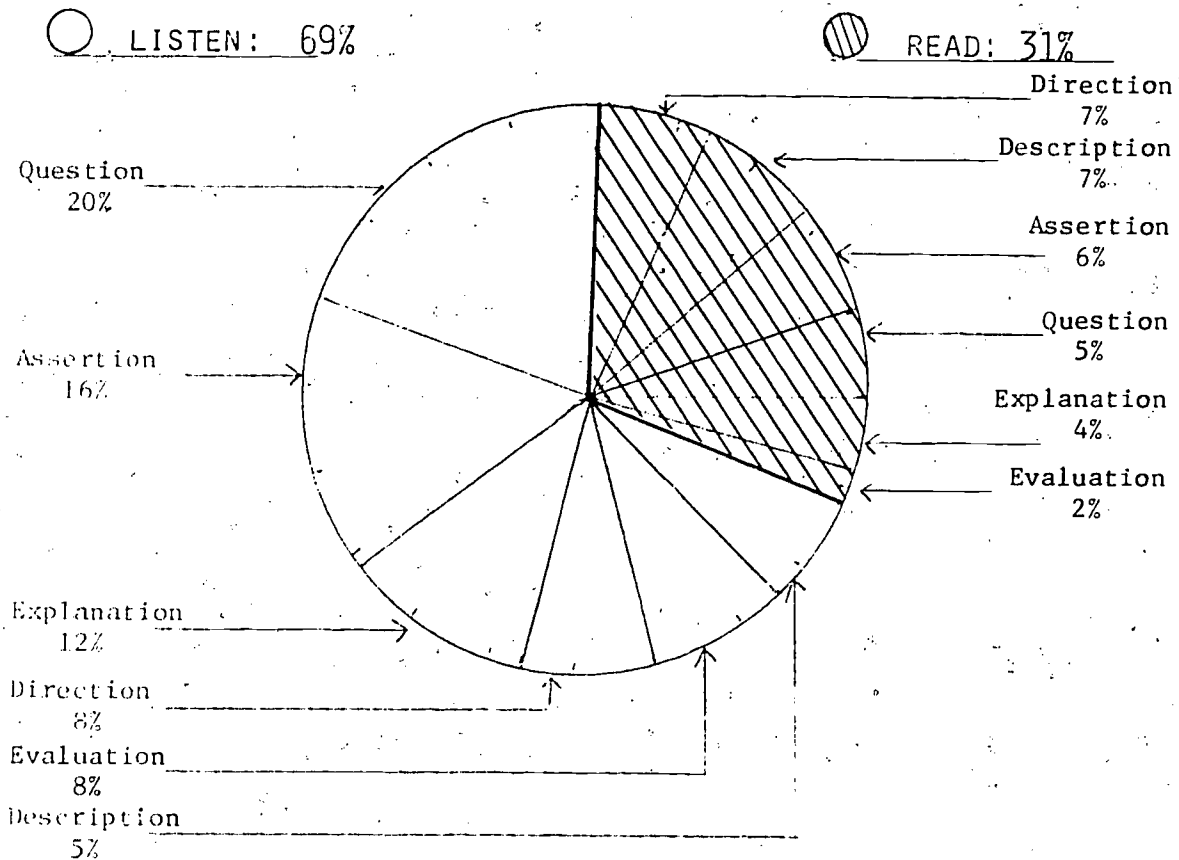
- ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.
- DIRECTION: DIRECT, INSTRUCT, ORDER.
- EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 59

HOME AND FAMILY LIFE OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 10

HOME AND FAMILY LIFE OCCUPATIONS

ADVISORY GROUP SUPERVISORS RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

<u>LISTEN: 74%</u>	<u>READ: 26%</u>
ASSERTION 30%	ASSERTION 10%
QUESTION 23%	QUESTION 5%
EXPLANATION 10%	DIRECTION 4%
DIRECTION 4%	EXPLANATION 3%
EVALUATION 4%	EVALUATION 2%
DESCRIPTION 3%	DESCRIPTION 2%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 60
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CHAPTER VII

TECHNICAL OCCUPATIONS

Technical employee and supervisor responses to the Occupational Communications Skills Questionnaires are summarized in Figures 61-72.

Individual employee responses are summarized in Figures 61-66;
Individual supervisor responses are summarized in Figures 67-72.

Advisory Group employee and supervisor responses to the Condensed Occupational Communications Skills Questionnaires are summarized in Tables 61-72.

Advisory Group employee responses are summarized in Tables 61-66;
Advisory Group supervisor responses are summarized in Tables 67-72.

Individual Employees Responding to the Occupational Communications Skills Questionnaire (Appendix A)

Occupational Clusters

Data Processing
Electrical
Electrical technology

Job Categories

Empos operator
Electrical apprentice
Layout operator

Advisory Group Employees Responding to the Condensed Occupational Communications Skills Questionnaire (Appendix C)

Occupational Clusters

Data processing

Electrical

Job Categories

Data base designer,
Micromation lead, Key-
punch lead, PDC audi-
tor, computer operator,
Clerk
Apprentice

Analysis to Questionnaire Responses

Ways Employees Send Information in Communications (Figure 61, Table 61) Technical employees answering both questionnaires gave information most frequently by talking. Talking to one person face-to-face was the most frequent way of giving information, but the telephone was also used frequently. When writing was used to give information, these employees used memos and notes more frequently than any other form of written communication. Although the ways employees in technical fields communicate is relatively consistent with other fields, employees in the electronics job cluster indicated that there is very little communication done through writing.

Kinds of Communications Sent by Employees, Figures 62, 63, Tables 62, 63) Assertions (advice, opinions, etc.) and explanations were the kinds of information given most frequently by these employees. Descriptions and explanations were indicated as most frequently sent by writing, while explanations and questions were most frequently sent by talking.

Ways Employees Receive Information in Communications (Figure 64, Table 64) Employees answering both questionnaires received information most frequently by listening. Listening to one person face-to-face was the most frequent way of receiving information. When reading was used to receive information, these employees read reports more frequently than any other written communications.

Kinds of Communications Received by Employees (Figures 65, 66, Tables 65, 66) Directions (directions, instructions, orders) and assertions (advice, opinions, etc.) are the kinds of information received most frequently by these employees. This information appears to be received by both listening and reading. Directions were most often received by reading, and questions were most often received by listening.

TECHNICAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

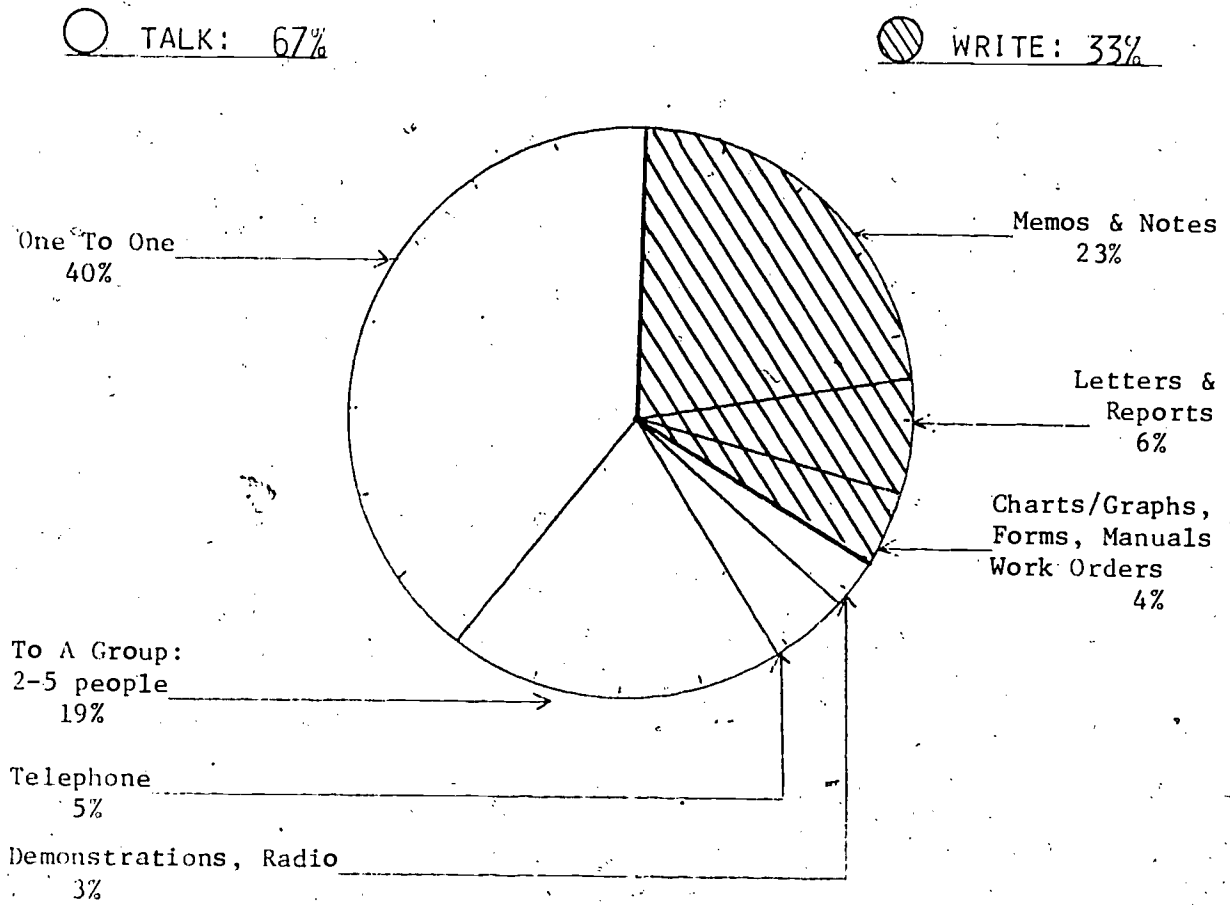


Figure 61

TECHNICAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

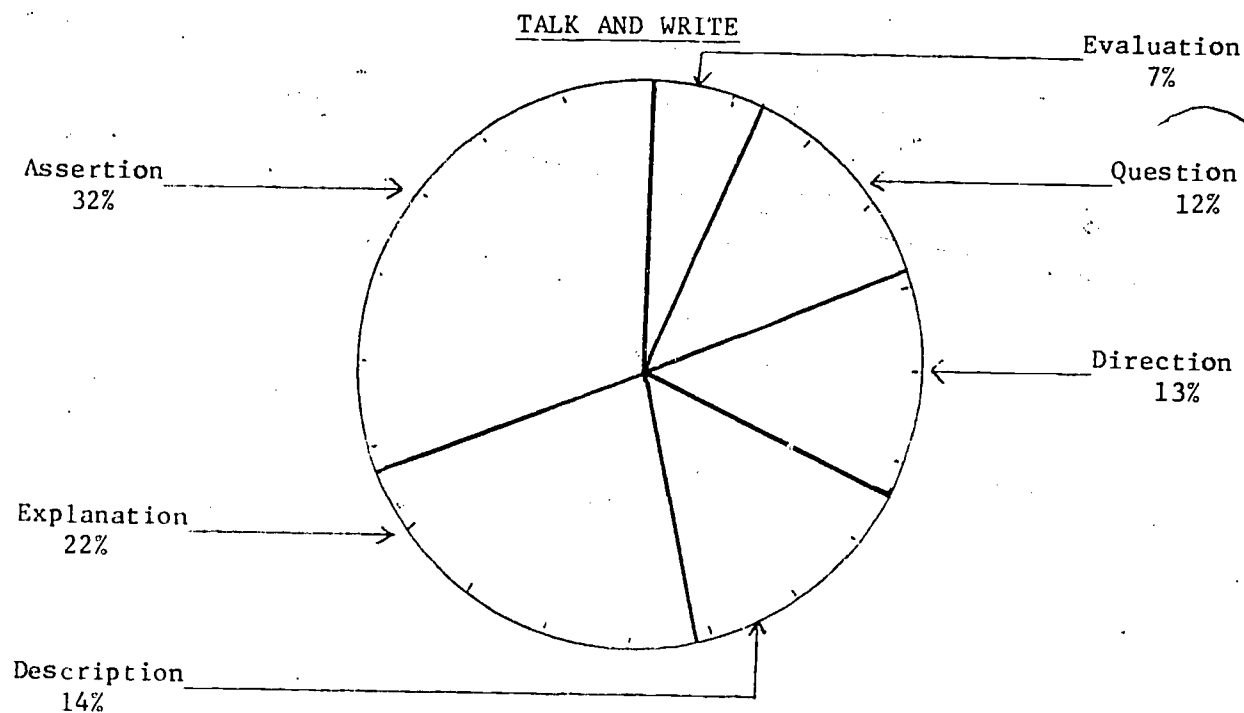
<u>TALK: 74%</u>	<u>WRITE: 26%</u>
ONE TO ONE 34%	MEMOS & NOTES . . . 18%
TELEPHONE 15%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS 6%
TO A GROUP: 2-5 PEOPLE 13%	LETTERS & REPORTS . 2%
DEMONSTRATIONS, RADIO 12%	

Table 61

TECHNICAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 62

TECHNICAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	35%
EXPLANATION	21%
QUESTION	19%
DIRECTION	9%
DESCRIPTION	9%
EVALUATION	7%

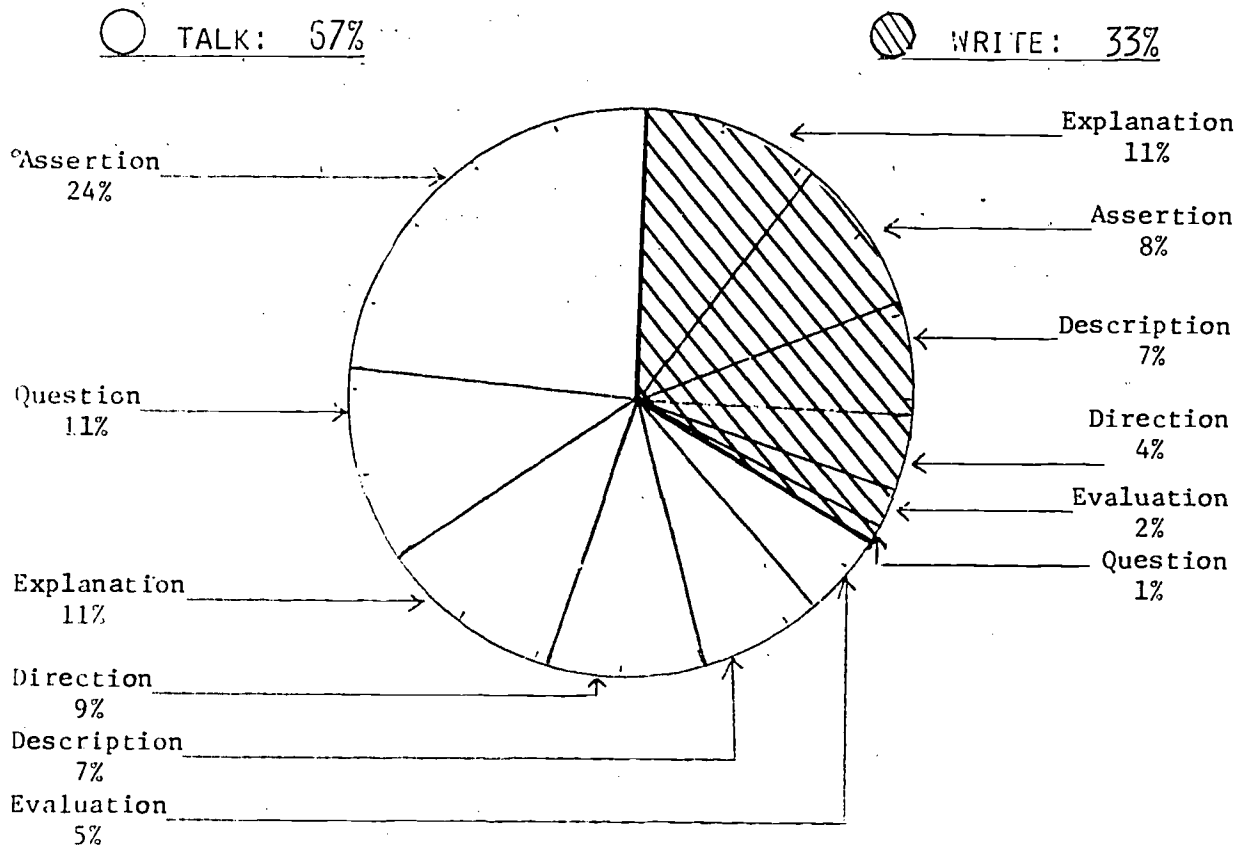
- ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.
- DIRECTION: DIRECT, INSTRUCT, ORDER.
- EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 62
153

TECHNICAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 63

TECHNICAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

<u>TALK: 74%</u>		<u>WRITE: 26%</u>	
ASSERTION	24%	ASSERTION	9%
QUESTION	17%	EXPLANATION	6%
EXPLANATION	15%	QUESTION	4%
DIRECTION	7%	DESCRIPTION	3%
DESCRIPTION	6%	DIRECTION	2%
EVALUATION	5%	EVALUATION	2%

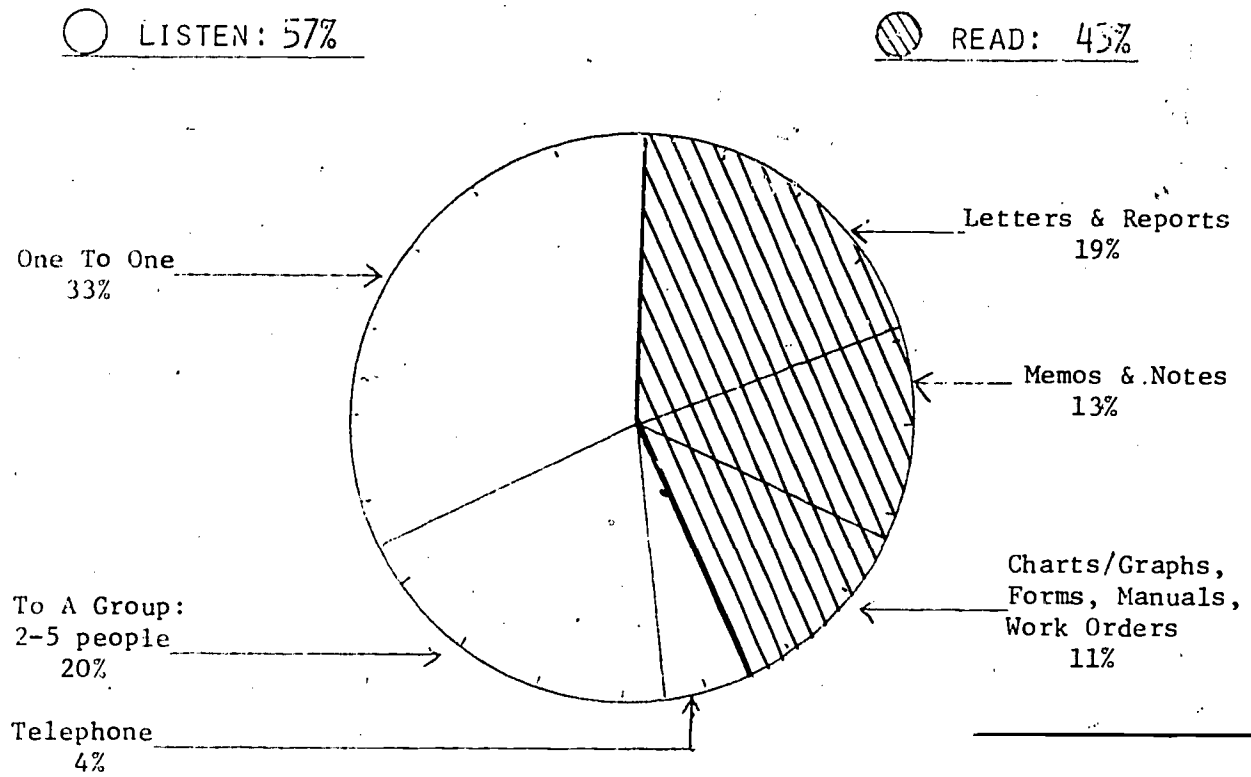
ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.
DIRECTION: DIRECT, INSTRUCT, ORDER.
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 63

TECHNICAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATION



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Figure 64

TECHNICAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATIONS

LISTEN: 51%

ONE TO ONE 32%
DEMONSTRATIONS, RADIO . 11%
TELEPHONE 10%
TO A GROUP: 2-5 PEOPLE . 8%

READ: 39%

CHARTS/GRAPHS, FORMS
MANUALS, WORK ORDERS 19%
MEMOS & NOTES . . . 15%
LETTERS & REPORTS . 5%

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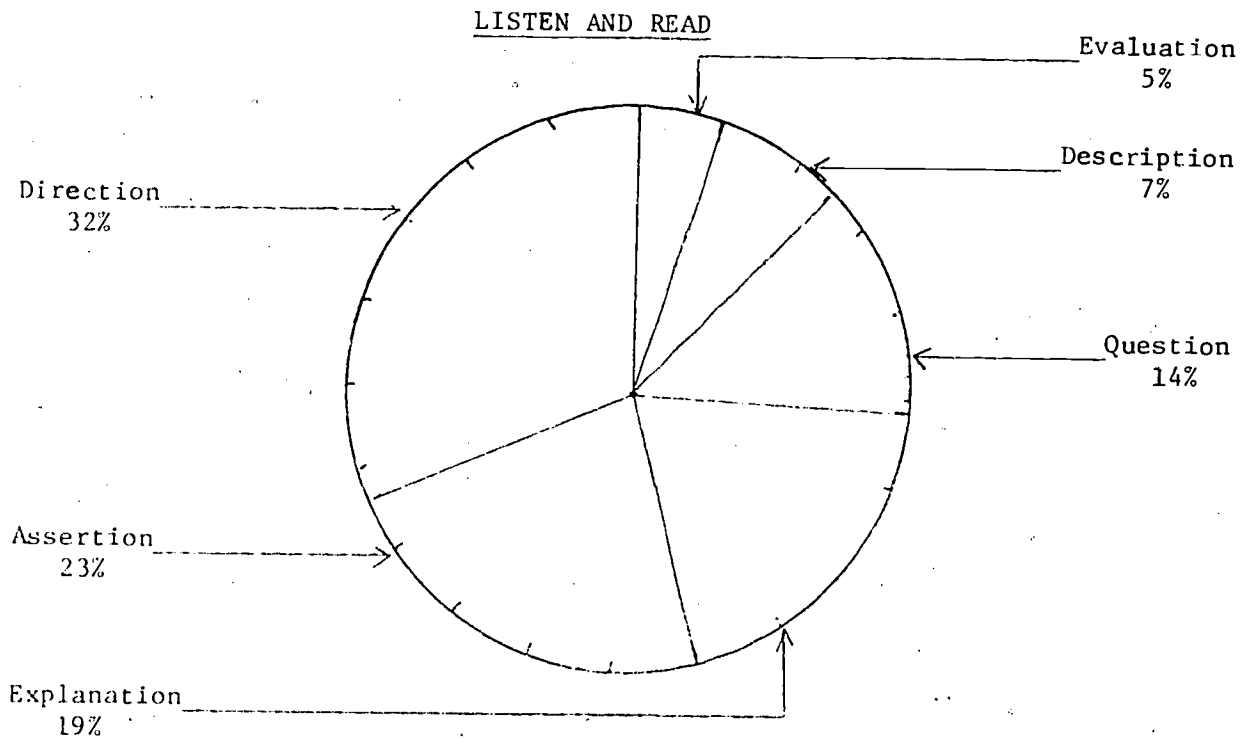
Table 64

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TECHNICAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 65

TECHNICAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

LISTEN AND READ

DIRECTION	32%
ASSERTION	21%
QUESTION	14%
EXPLANATION	13%
EVALUATION	10%
DESCRIPTION	10%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

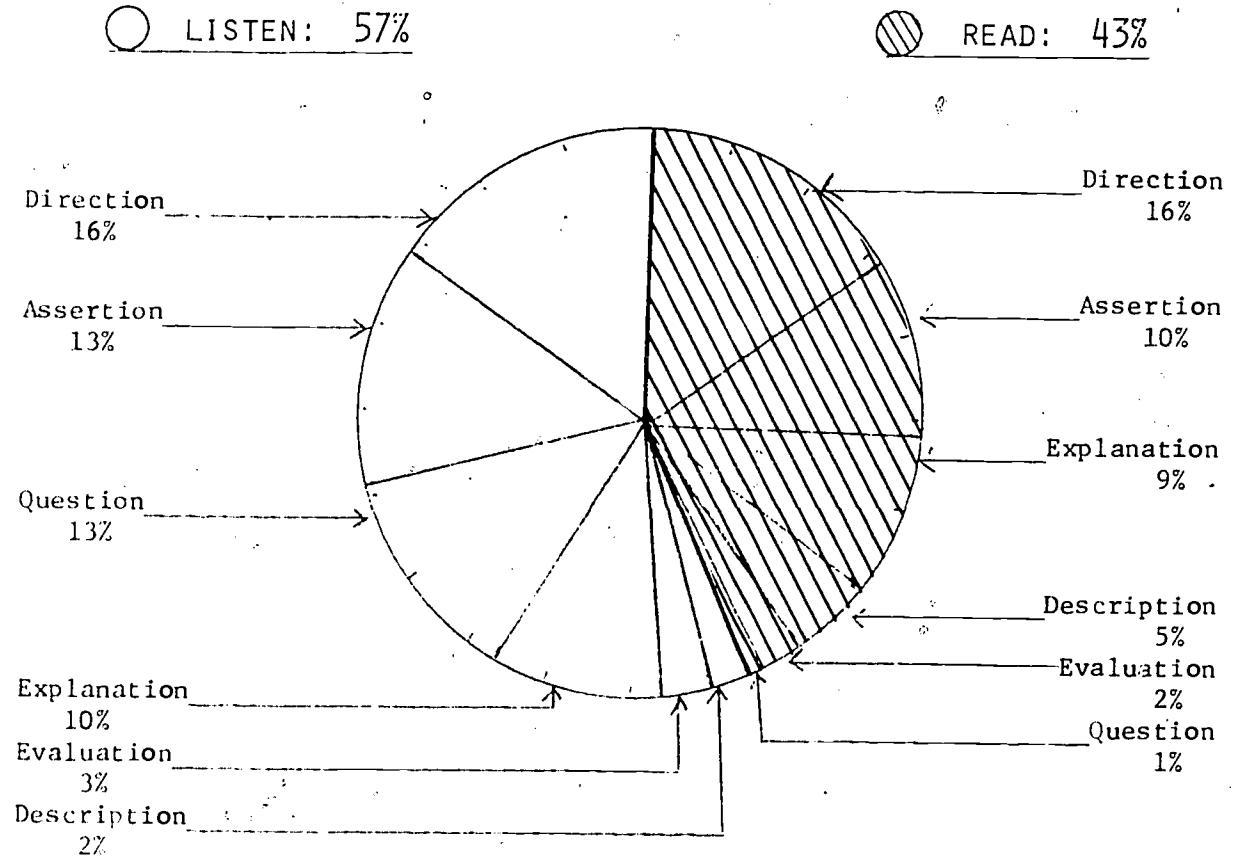
Table 65

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TECHNICAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 66

TECHNICAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

<u>LISTEN: 61%</u>	<u>READ: 39%</u>
DIRECTION 16%	DIRECTION 16%
ASSERTION 13%	ASSERTION 8%
QUESTION 12%	DESCRIPTION 5%
EXPLANATION 9%	EXPLANATION 4%
EVALUATION 6%	EVALUATION 4%
DESCRIPTION 5%	QUESTION 2%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD;
REPRIMAND.

Table 66

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Individual Supervisors Responding to the
Occupational Communications Skills Questionnaire
(Appendix B)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Data processing	Supervisor
Electrical	Department head
Electronic technology	Supervisor

Advisory Group Supervisors Responding to the
Condensed Occupational Communications Skills Questionnaire
(Appendix D)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Data processing	Lead operation, Instructor, Supervisor, Group leader
Electrical	Electrician, Business repre- sentative, Journeyman elec- trician, Journeyman wireman

Analysis of Questionnaire Responses

Ways Supervisors Send Communications (Figure 67, Table 67) Technical supervisors answering both questionnaires said they gave information most frequently by talking. Talking to one person face-to-face was the most frequent way of giving information; the use of the telephone ranked second in responses from both individuals and advisory groups. When writing was used to give information, these supervisors used memos and notes more frequently than any other form of written communication.

Kinds of Communications Supervisors Send (Figures 68, 69, Tables 68, 69) Assertions (advice, opinions, etc.) and explanations were the kinds of information given most frequently by these supervisors with explanations being the single kind most frequently given. This information was given by both talking and writing, with talking the dominant response.

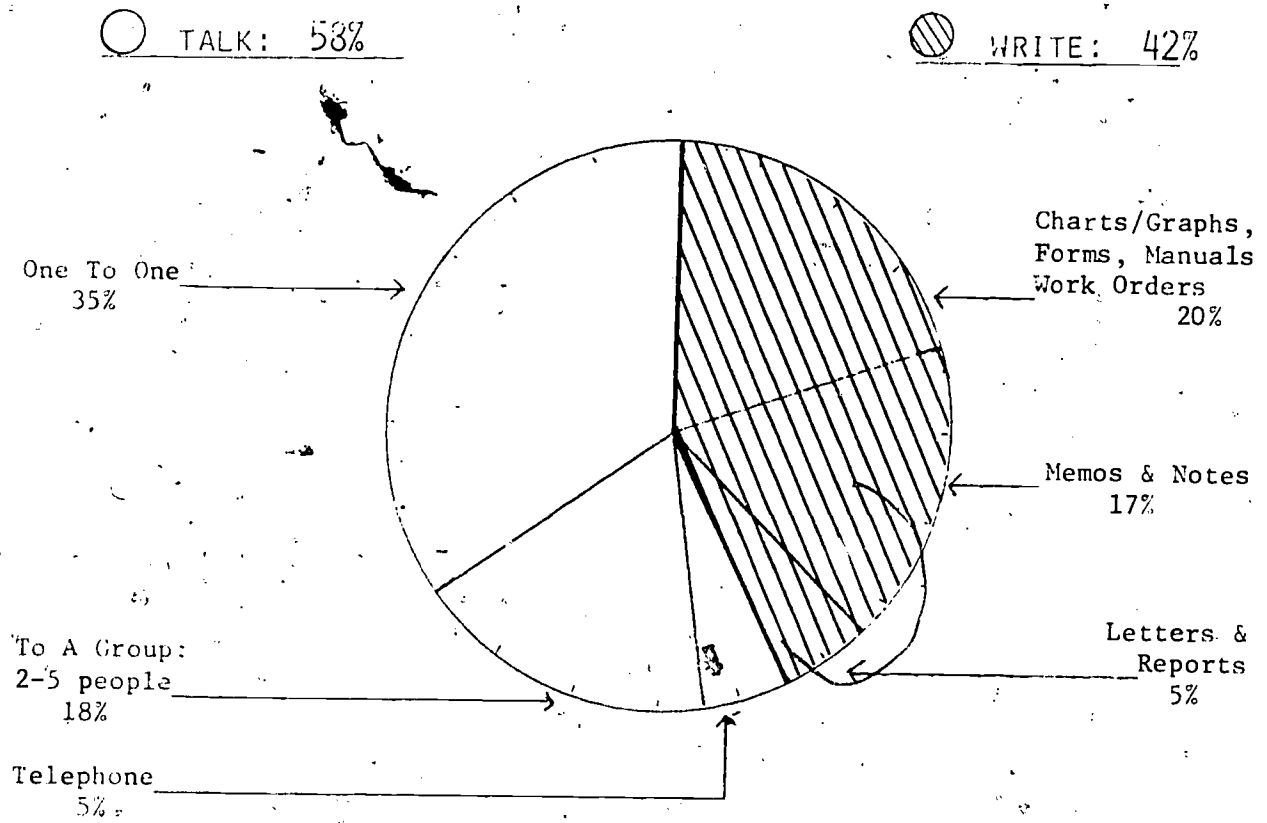
Ways Supervisors Receive Communications (Figure 70, Table 70) Supervisors answering the detailed questionnaire received information most frequently by reading and supervisors answering the condensed questionnaire reported receiving information most frequently by listening. Supervisors answering both questionnaires received information most frequently by listening to one person face-to-face. When reading was used to receive information, these supervisors read memos and notes most frequently but the responses were spread over all of the ways of communicating that were indicated on the questionnaire

Kinds of Communications Supervisors Receive (Figures 71, 72, Tables 71, 72) Assertions (advice, opinions, etc.) and questions were the kinds of information received most frequently by these supervisors. Assertions were received by both listening and reading, and questions were received most frequently by listening.

TECHNICAL OCCUPATIONS.

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS



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Figure 37

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TECHNICAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS

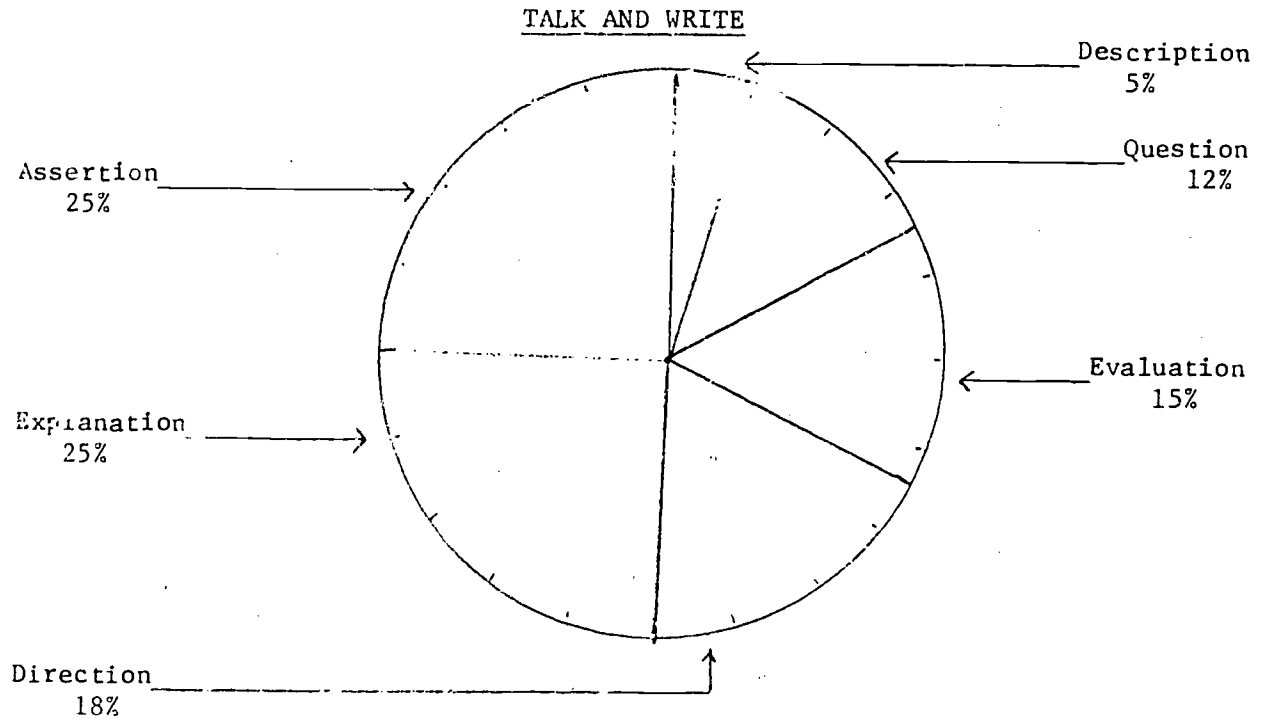
<u>TALK: 70%</u>		<u>WRITE: 30%</u>	
ONE TO ONE	32%	MEMOS & NOTES	18%
TELEPHONE	21%	LETTERS & REPORTS	6%
TO A GROUP: 2-5 PEOPLE	12%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS	6%
DEMONSTRATIONS, RADIO	5%		

Table 67

TECHNICAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 68

TECHNICAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	31%
EXPLANATION	21%
QUESTION	16%
DIRECTION	14%
DESCRIPTION	11%
EVALUATION	7%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

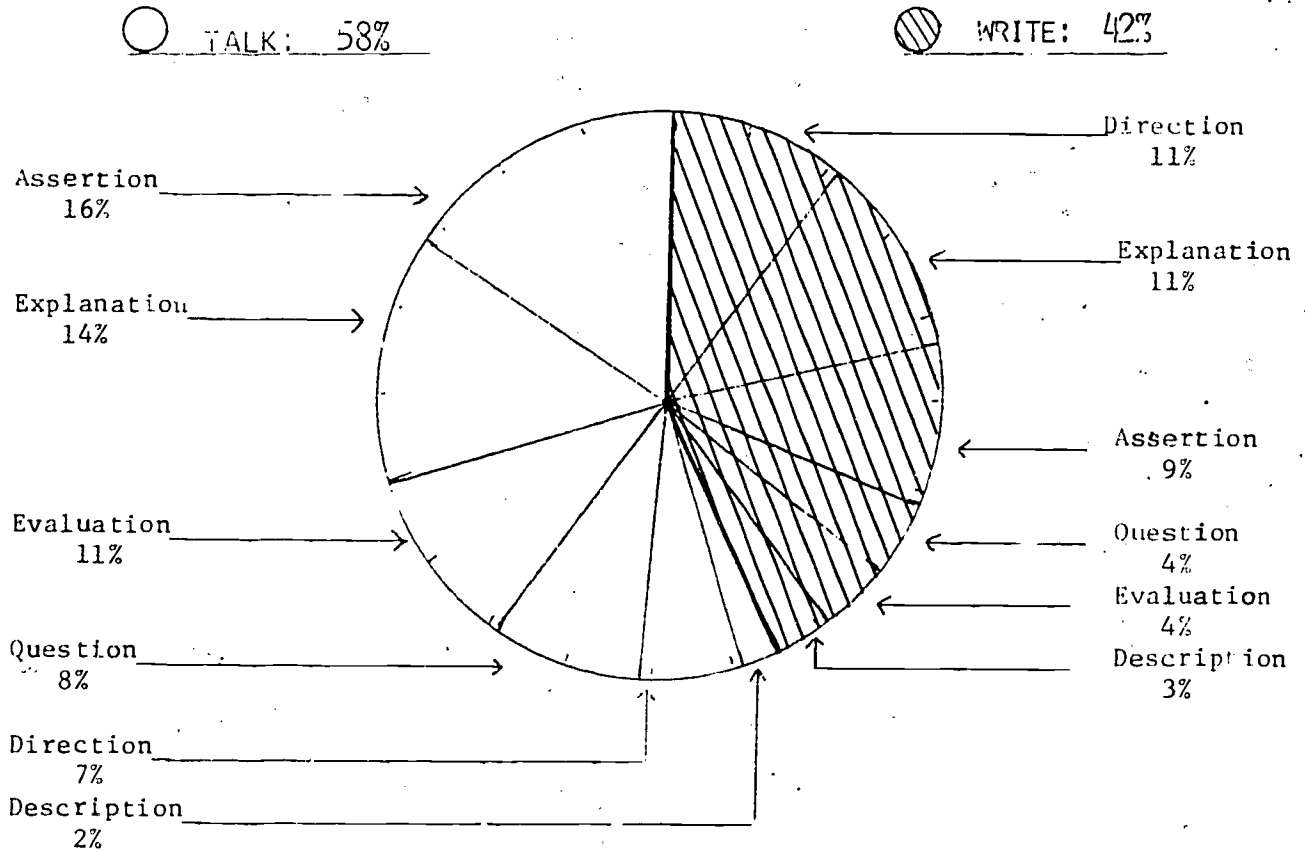
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 68

TECHNICAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 69

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TECHNICAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

<u>TALK: 70%</u>		<u>WRITE: 30%</u>	
ASSERTION	22%	ASSERTION	9%
EXPLANATION	14%	EXPLANATION	7%
QUESTION	13%	DIRECTION	5%
DIRECTION	9%	DESCRIPTION	5%
EVALUATION	6%	QUESTION	3%
DESCRIPTION	6%	EVALUATION	1%

- ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.
- DIRECTION: DIRECT, INSTRUCT, ORDER.
- EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 69

TECHNICAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATION

○ LISTEN: 47%

◐ READ: 53%

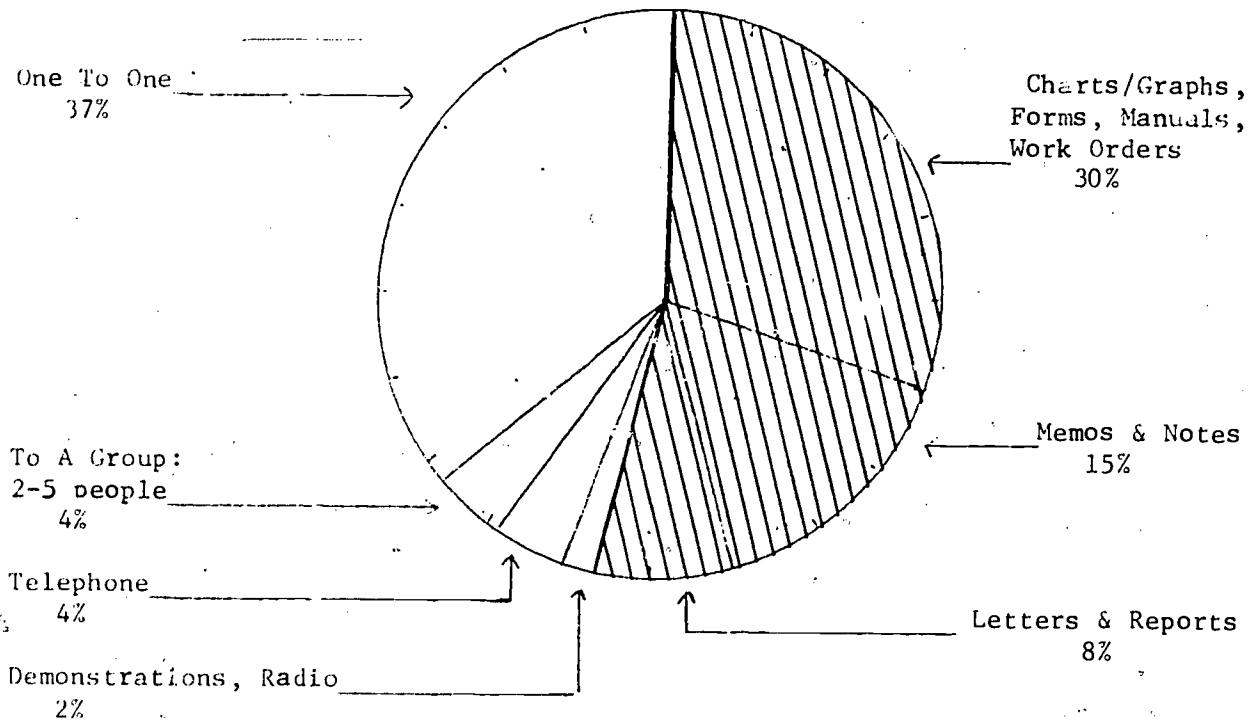


Figure 70

TECHNICAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATIONS

LISTEN: 62%

ONE TO ONE 30%
TELEPHONE 21%
TO A GROUP: 2-5 PEOPLE 8%
DEMONSTRATIONS, RADIO 3%

READ: 38%

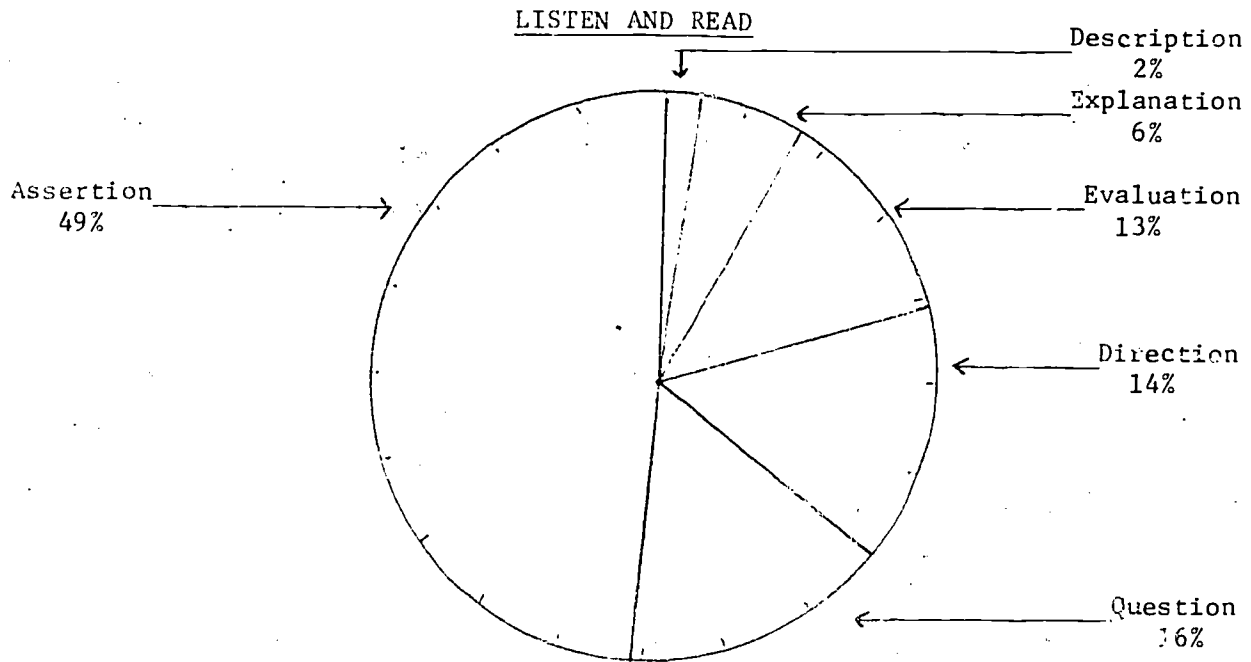
MEMOS & NOTES . . . 20%
CHARTS, GRAPHS, FORMS
MANUALS, WORK ORDERS 10%
LETTERS & REPORTS . 8%

Tab 1

TECHNICAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 71

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TECHNICAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

LISTEN AND READ

ASSERTION	30%
QUESTION	24%
EXPLANATION	19%
DIRECTION	17%
DESCRIPTION	7%
EVALUATION	3%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 71

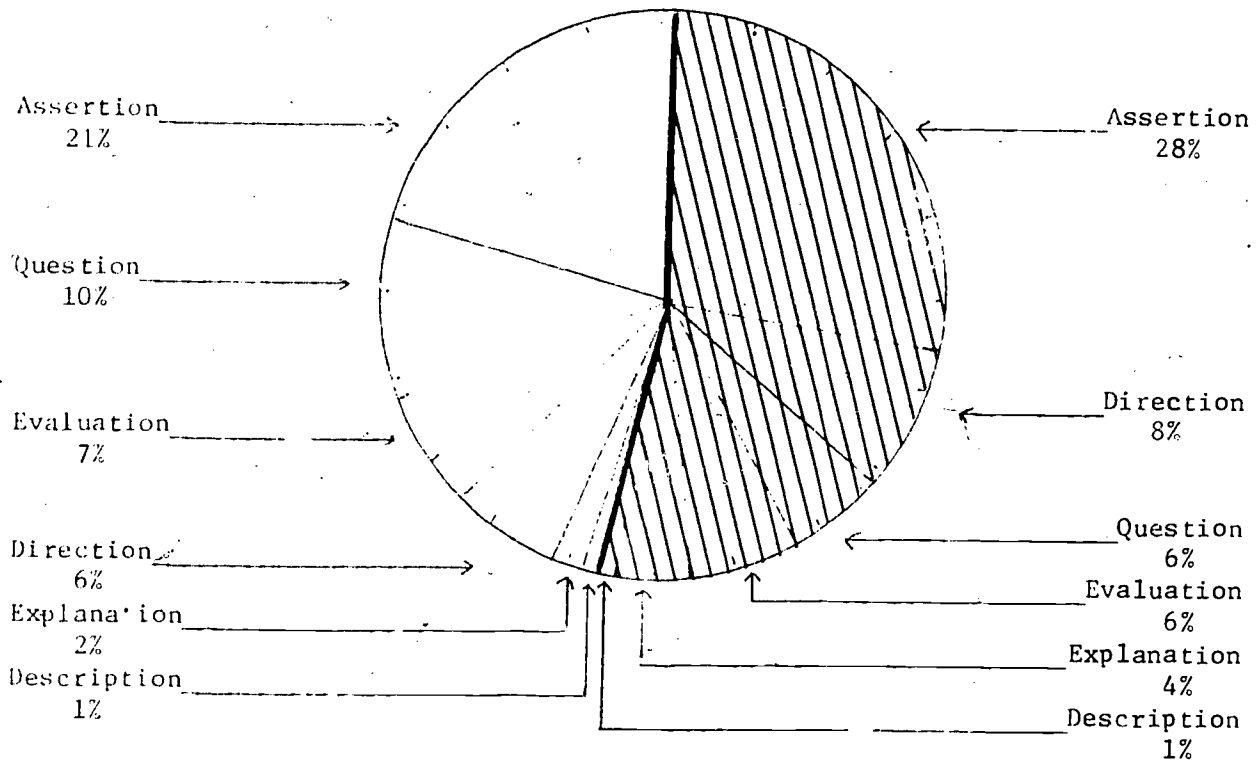
TECHNICAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

○ LISTEN: 47%

◐ READ: 53%



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

TECHNICAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

<u>LISTEN: 62%</u>	<u>READ: 38%</u>
ASSERTION 20%	ASSERTION 10%
QUESTION 19%	DIRECTION 10%
EXPLANATION 11%	EXPLANATION 8%
DIRECTION 7%	QUESTION 5%
DESCRIPTION 3%	DESCRIPTION 4%
EVALUATION 2%	EVALUATION 1%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 72

CHAPTER VIII

TRADE AND INDUSTRIAL OCCUPATIONS

Trade and Industrial employee and supervisor responses to the Occupational Communications Skills Questionnaires are summarized in Figures 73-84.

Individual employee responses are summarized in Figures 73-78;
Individual supervisor responses are summarized in Figures 79-84.

Advisory Group employee and supervisor responses to the Condensed Occupational Communications Skills Questionnaires are summarized in Tables 73-84.

Advisory Group employee responses are summarized in Tables 73-78;
Advisory Group supervisor responses are summarized in Tables 79-84.

Individual Employees Responding to the Occupational Communications Skills Questionnaire (Appendix A)

Occupational Clusters

Automotive
Carpentry
Food preparation
Law enforcement
Metal trades
Transportation
Welding

Job Categories

Mechanic
Carpenter
Assistant chef
Police officer
Apprentice machinist
Truck driver
Welder

Advisory Group Employees Responding to the Condensed Occupational Communications Skills Questionnaire (Appendix C)

Occupational Clusters

Automotive
Carpentry
Food preparati
Law enforcement

Metal trades
Transportation
Welding

Job Categories

Mechanic, Service advisor
Carpenter, Journeyman
Chef, Assistant chef
Police officer, Patrolman,
Trooper
Apprentice foreman
Truck driver
Welder, Pipe fitter

Analysis of Questionnaire Responses

Ways Employees Send Communications (Figure 73, Table 73) Employees from the Trade and Industrial occupations gave information most frequently by talking. Talking to one person face-to-face was the most frequent way of giving information. When writing was used to give information, these employees used memos and notes more frequently than any other form of written communication.

Kinds of Communications Employees Send (Figures 74, 75, Tables 74, 75) Assertions (advice, opinions, etc.) explanations and questions were the kinds of information given most frequently by these employees, with explanations the single most frequent kind of information given. This information was given most frequently by talking.

Ways Employees Receive Communications (Figure 76, Table 76) Employees answering both questionnaires received information most frequently by listening. Listening to one person face-to-face was the most frequent way of receiving information. When reading was used to receive information, these employees read memos and notes more frequently than any other written communication although work orders were reported with high frequency in the automotive area. Directions (directions, instructions, orders) and assertions (advice, opinions, etc.) were the kinds of information received most frequently by these employees. Directions were received by both listening and reading, and assertions were received most frequently by listening.

Kinds of Communications Employees Receive (Figures 77, 78, Tables 77, 78) Directions (directions, instructions, orders) and assertions (advice, opinions, etc.) were the kinds of information received most frequently by these employees. Directions were received by both listening and reading and assertions were received most frequently by listening.

TRADE AND INDUSTRIAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

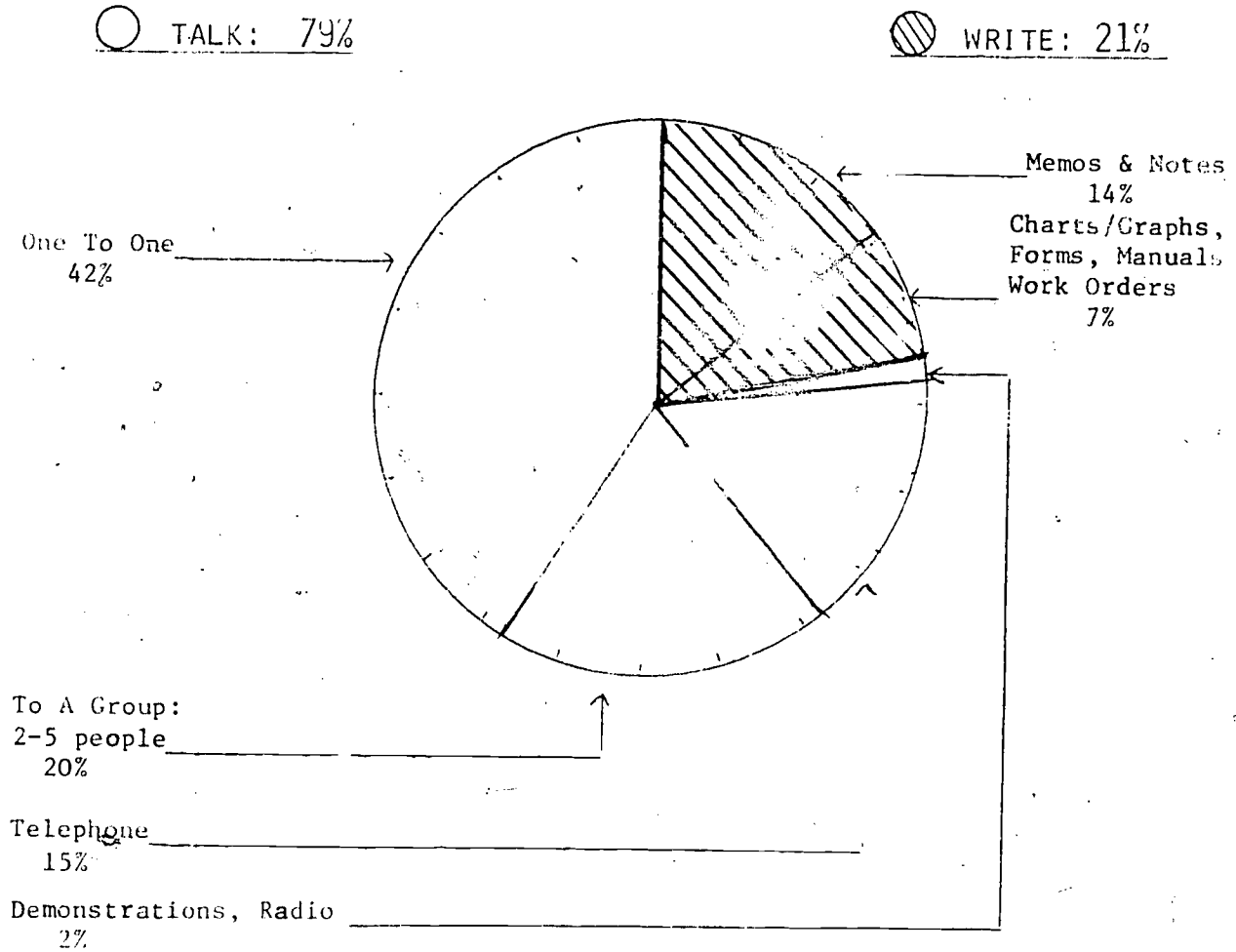


Figure 73

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES SEND COMMUNICATIONS

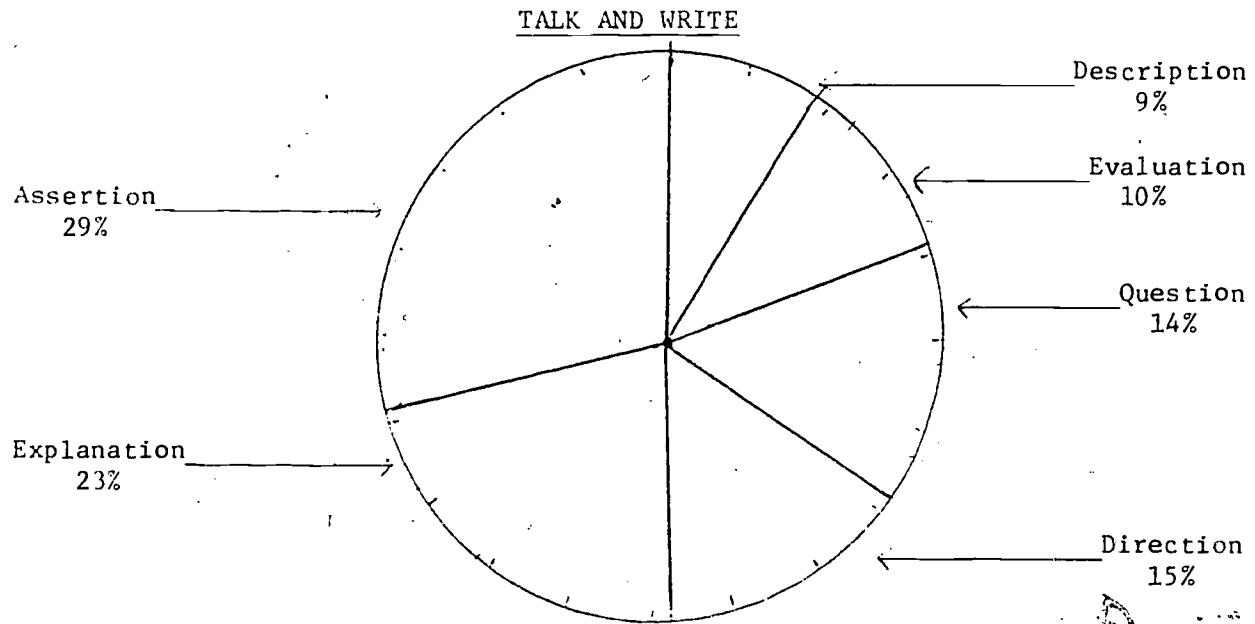
<u>TALK: 72%</u>		<u>WRITE: 28%</u>	
ONE TO ONE	37%	MEMOS & NOTES . . .	19%
TELEPHONE	16%	CHARTS/GRAPHS, FORMS MANUALS, WORK ORDERS	6%
TO A GROUP: 2-5 PEOPLE .	11%	LETTERS & REPORTS .	3%
DEMONSTRATIONS, RADIO .	8%		

Table 73

TRADE AND INDUSTRIAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 74

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	35%
QUESTION	20%
DIRECTION	19%
EXPLANATION . . .	12%
DESCRIPTION . . .	10%
EVALUATION	4%

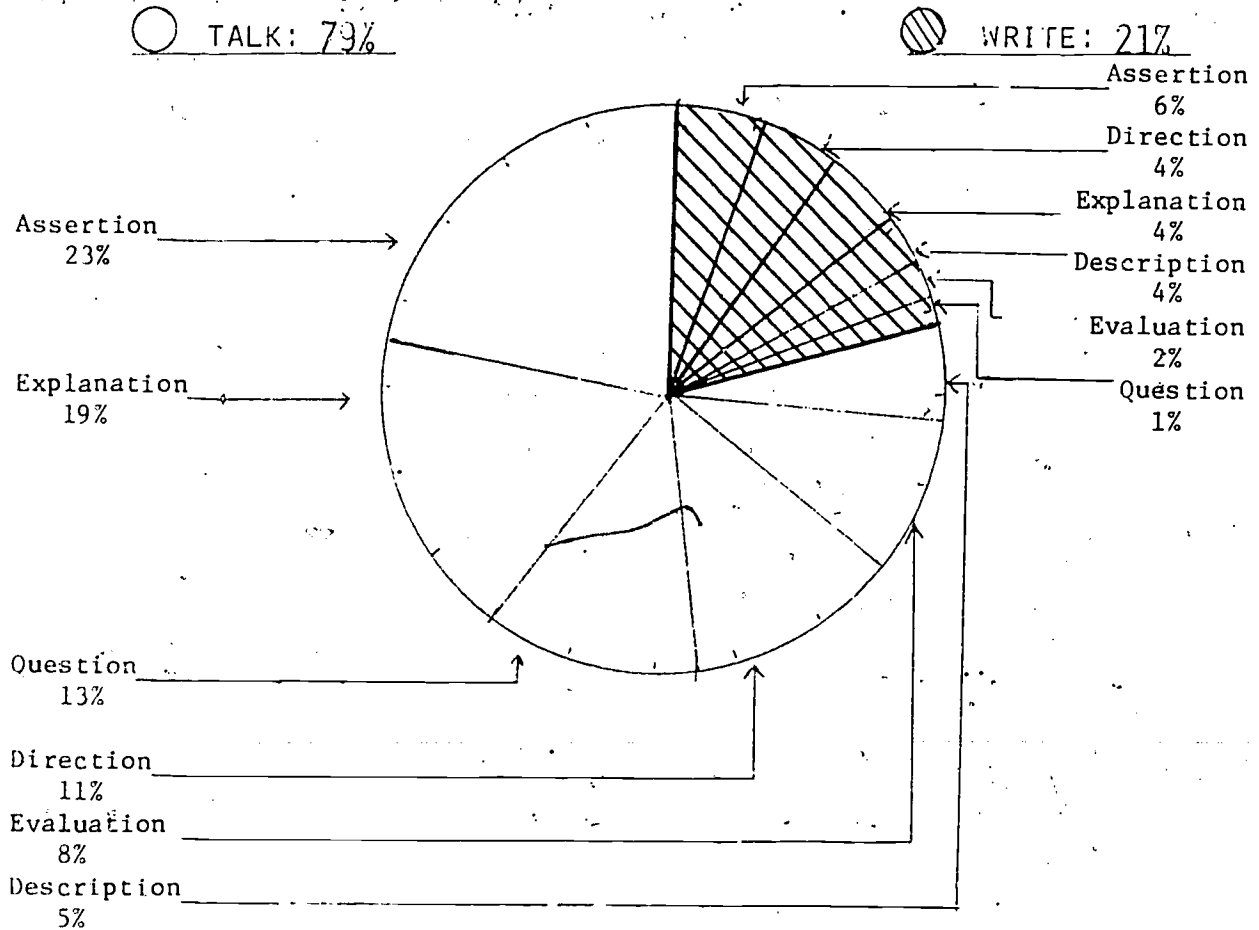
- ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.
- DIRECTION: DIRECT, INSTRUCT, ORDER.
- EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 74

TRADE AND INDUSTRIAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliments, correct, scold, reprimand.

Figure 75

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES SEND IN COMMUNICATIONS

<u>TALK: 72%</u>		<u>WRITE: 28%</u>	
ASSERTION	27%	ASSERTION	8%
QUESTION	17%	DIRECTION	8%
DIRECTION	11%	EXPLANATION	4%
EXPLANATION	8%	DESCRIPTION	4%
DESCRIPTION	6%	QUESTION	3%
EVALUATION	3%	EVALUATION	1%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.
DIRECTION: DIRECT, INSTRUCT, ORDER.
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 75

TRADE AND INDUSTRIAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATION

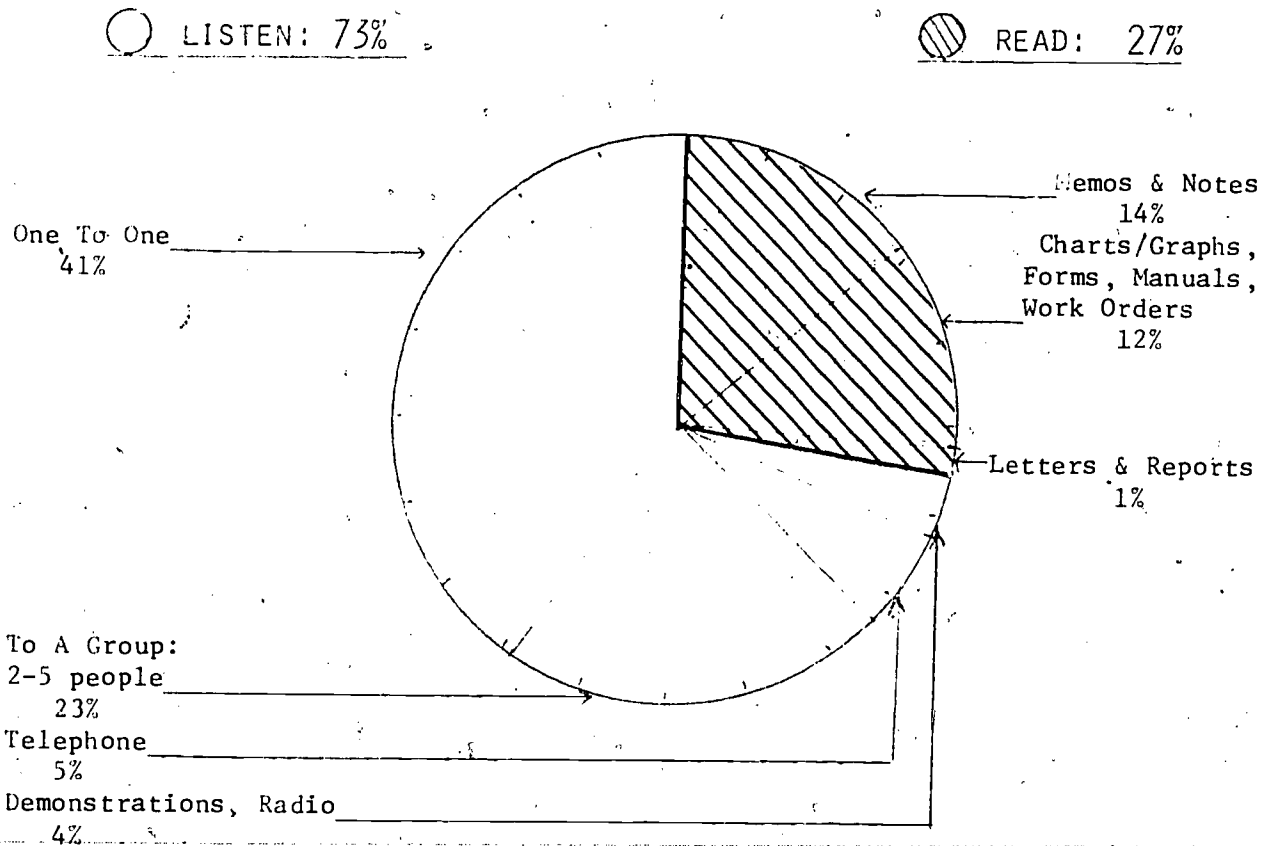


Figure 76

184

198

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

WAYS EMPLOYEES RECEIVE COMMUNICATIONS

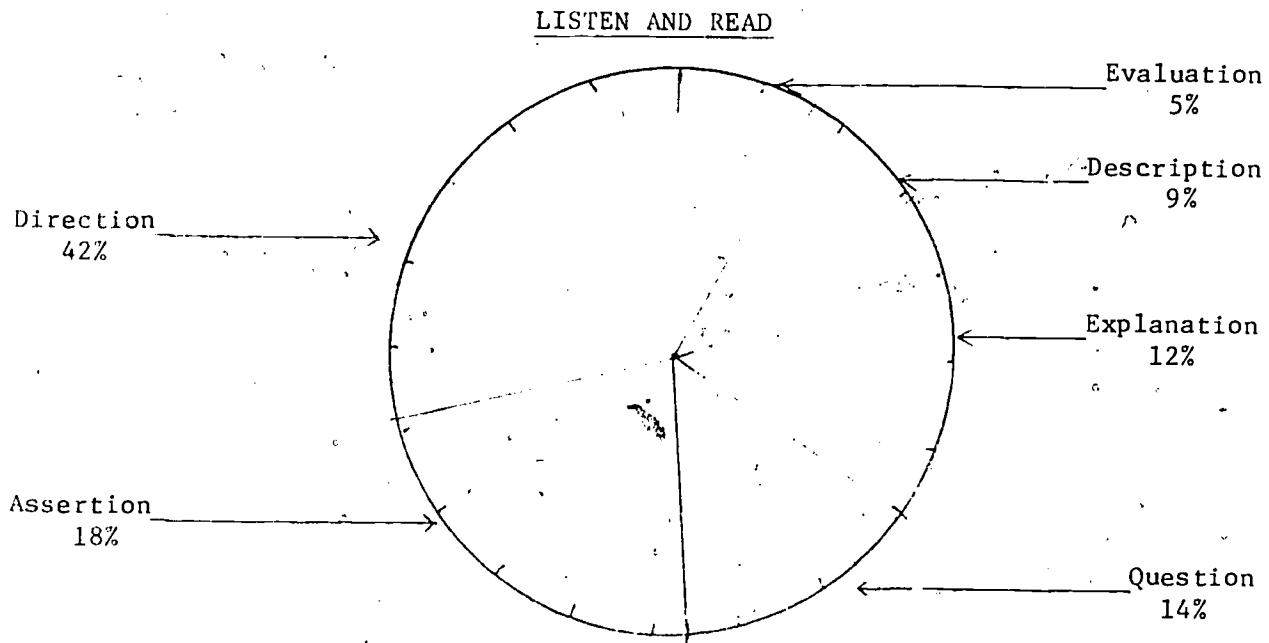
<u>LISTEN: 65%</u>	<u>READ: 35%</u>
ONE TO ONE 34%	MEMOS & NOTES . . . 13%
TELEPHONE 13%	CHARTS/GRAPHS, FORMS MANUALS, WORK ORDERS 16%
TO A GROUP: 2-5 PEOPLE . 9%	LETTERS & REPORTS . 1%
DEMONSTRATIONS, RADIO . 9%	

Table 76

TRADE AND INDUSTRIAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 77

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

LISTEN AND READ

DIRECTION	35%
ASSERTION	26%
QUESTION	15%
EXPLANATION	9%
DESCRIPTION	8%
EVALUATION	7%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.
DIRECTION: DIRECT, INSTRUCT, ORDER.
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 77

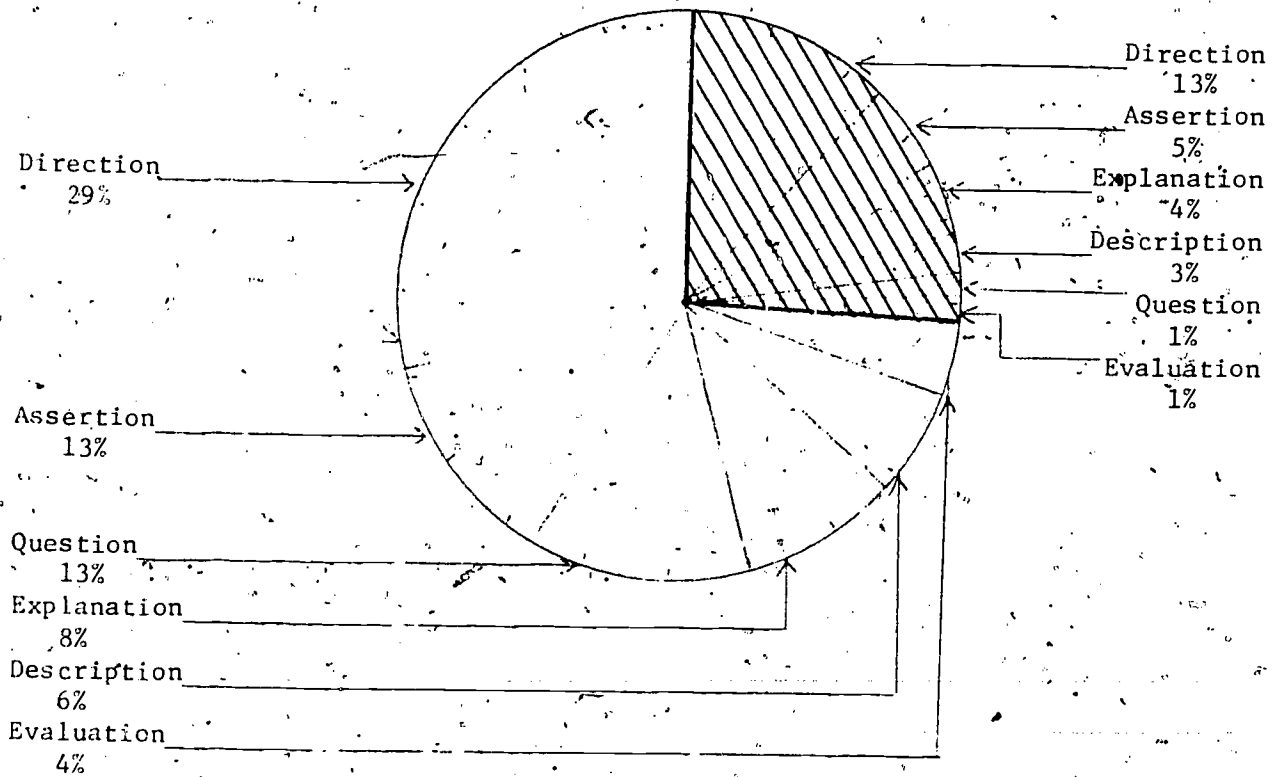
TRADE AND INDUSTRIAL OCCUPATIONS

INDIVIDUAL RESPONSE TO EMPLOYEE QUESTIONNAIRE

THE KINDS OF INFORMATION EMPLOYEES RECEIVE IN COMMUNICATIONS

○ LISTEN: 73%

◐ READ: 27%



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 78

188

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP EMPLOYEE RESPONSE
TO CONDENSED EMPLOYEE QUESTIONNAIRE

LISTEN: 65%

READ: 35%

DIRECTION	20%	DIRECTION	15%
ASSERTION	18%	ASSERTION	8%
QUESTION	12%	QUESTION	3%
EXPLANATION	6%	EXPLANATION	3%
DESCRIPTION	5%	EVALUATION	3%
EVALUATION	4%	DESCRIPTION	3%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL, PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD, REPRIMAND.

Table 78

Individual Supervisors Responding to the
Occupational Communications Skills Questionnaire
(Appendix B)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Automotive	Service manager
Carpentry	Carpenter foreman
Food preparation	Chef
Law enforcement	Police sergeant
Metal trades	Foreman
Transportation	City dispatcher
Welding	Vice president

Advisory Group Supervisors Responding to the
Condensed Occupational Communications Skills Questionnaire
(Appendix D)

<u>Occupational Clusters</u>	<u>Job Categories</u>
Automotive	Service manager, owner, Parts manager, Shop foreman
Carpentry	Leadman, Foreman, Owner
Food preparation	Chef
Law enforcement	Chief of police, Sergeant, Training staff, Chief security officer
Metal trades	Foreman, Machine shop foreman
Transportation	General manager, Vice presi- dent, Owner, Traffic man- ager, Supervisor, Sales manager
Welding	General foreman, Superinten- dent

Analysis of Questionnaire Responses

Ways Supervisors Send Communications (Figure 79, Table 79) Super-
visors from the Trade and Industrial occupations who answered the
questionnaires gave information most frequently by talking. Talk-
ing to one person face-to-face was the most frequent way of giving
information, with the telephone used next most frequently. When
writing is used to give information, these supervisors used memos
and notes more frequently than any other form of written communi-
cation. The supervisory individuals and the advisory groups in
Trade and Industry verified each other as to the ways communications
took place. Nearly half of the written communications sent by Trade
and Industrial supervisors in the advisory group were memos and notes.
Work orders were used more by Trade and Industrial supervisors than
by those in any other field.

Kinds of Communications Sent by Supervisors, Tables 80, 81, Figures 80, 81 Assertions (advice, opinions, etc.) and directions (directions, instructions, orders) were the kinds of information given most frequently by these supervisors. This information was given both by talking and writing.

Ways Supervisors Receive Communications (Figure 82, Table 82) Supervisors answering both questionnaires received information most frequently by listening. Listening to one person face-to-face was the most frequent way of receiving information, with the telephone the next most frequent way. When reading is used to receive information, these supervisors read memos and notes more frequently than any other written communications

Kinds of Information Supervisors Receive in Communications (Figures 83, 84, Tables 83, 84) Assertions (advice, opinions, etc.) directions, instructions, orders) and questions were the kinds of information received most frequently by these supervisors. Supervisors answering the detailed questionnaire received this information by both listening and reading, with listening being only slightly dominant. Supervisors answering the condensed questionnaire received this information most frequently by listening.

TRADE AND INDUSTRIAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS

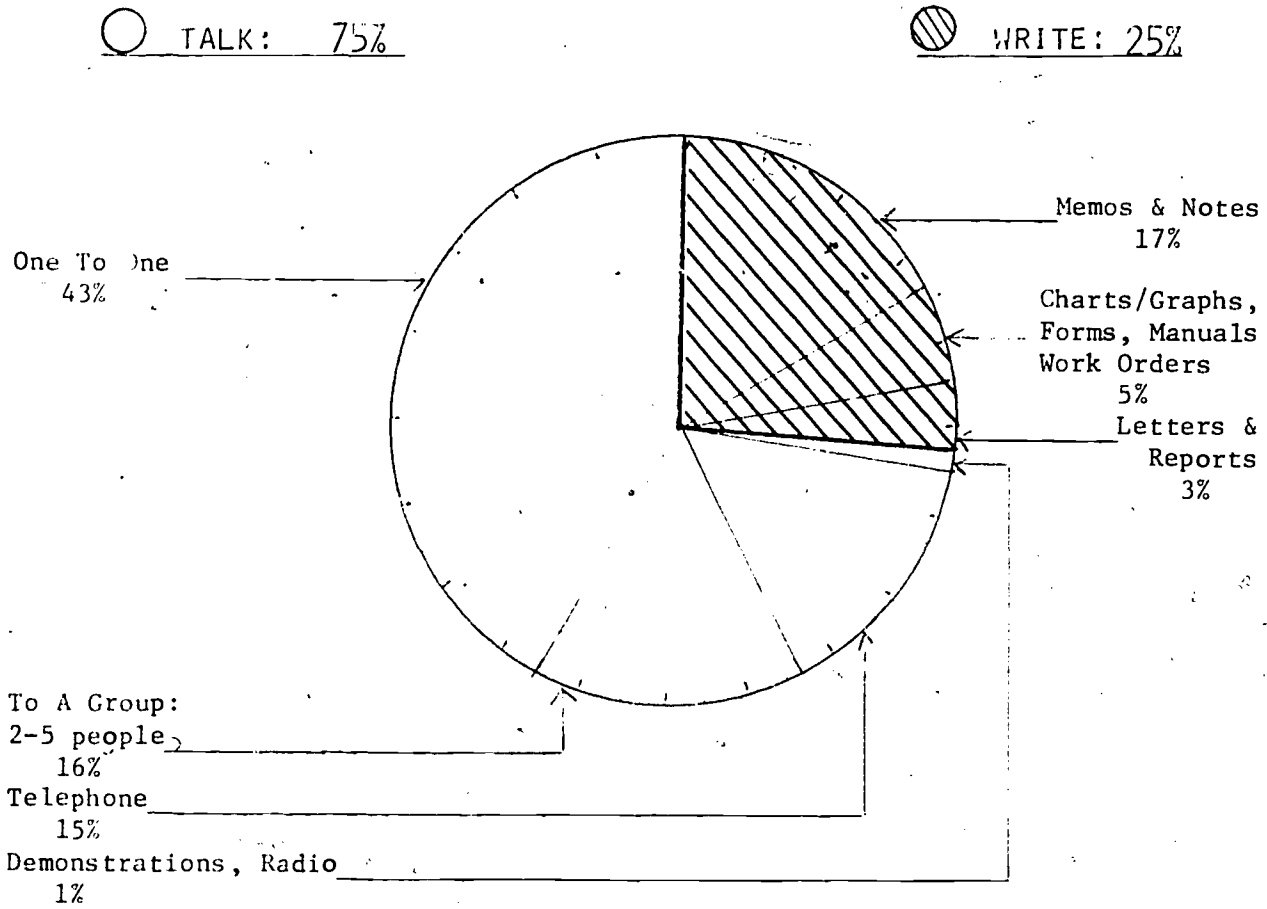


Figure 70

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS SEND COMMUNICATIONS

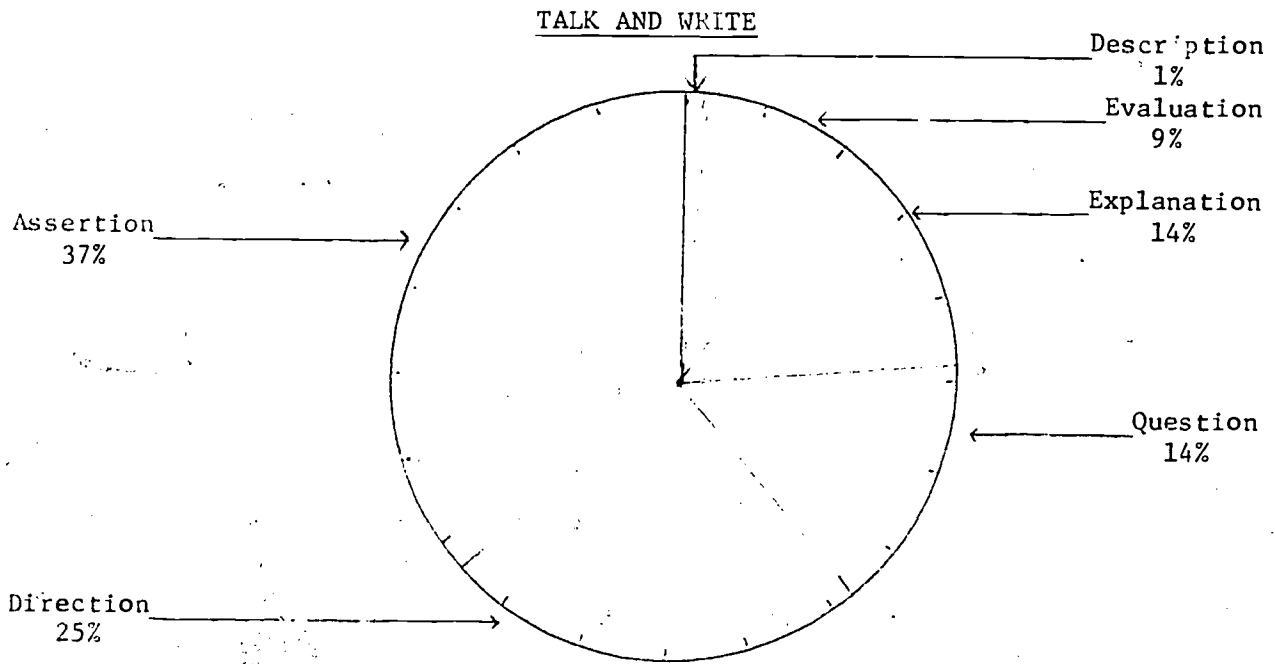
<u>TALK:</u> 66%	<u>WRITE:</u> 43%
ONE TO ONE 34%	MEMOS AND NOTES . . . 16%
TELEPHONE 18%	CHARTS/GRAPHS, FORMS, MANUALS, WORK ORDERS 12%
TO A GROUP: 2-5 PEOPLE 11%	LETTERS & REPORTS . . 6%
DEMONSTRATIONS, RADIO . 3%	

Table 29

TRADE AND INDUSTRIAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 80

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

TALK AND WRITE

ASSERTION	32%
DIRECTION	22%
EXPLANATION	18%
QUESTION	15%
DESCRIPTION	7%
EVALUATION	6%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

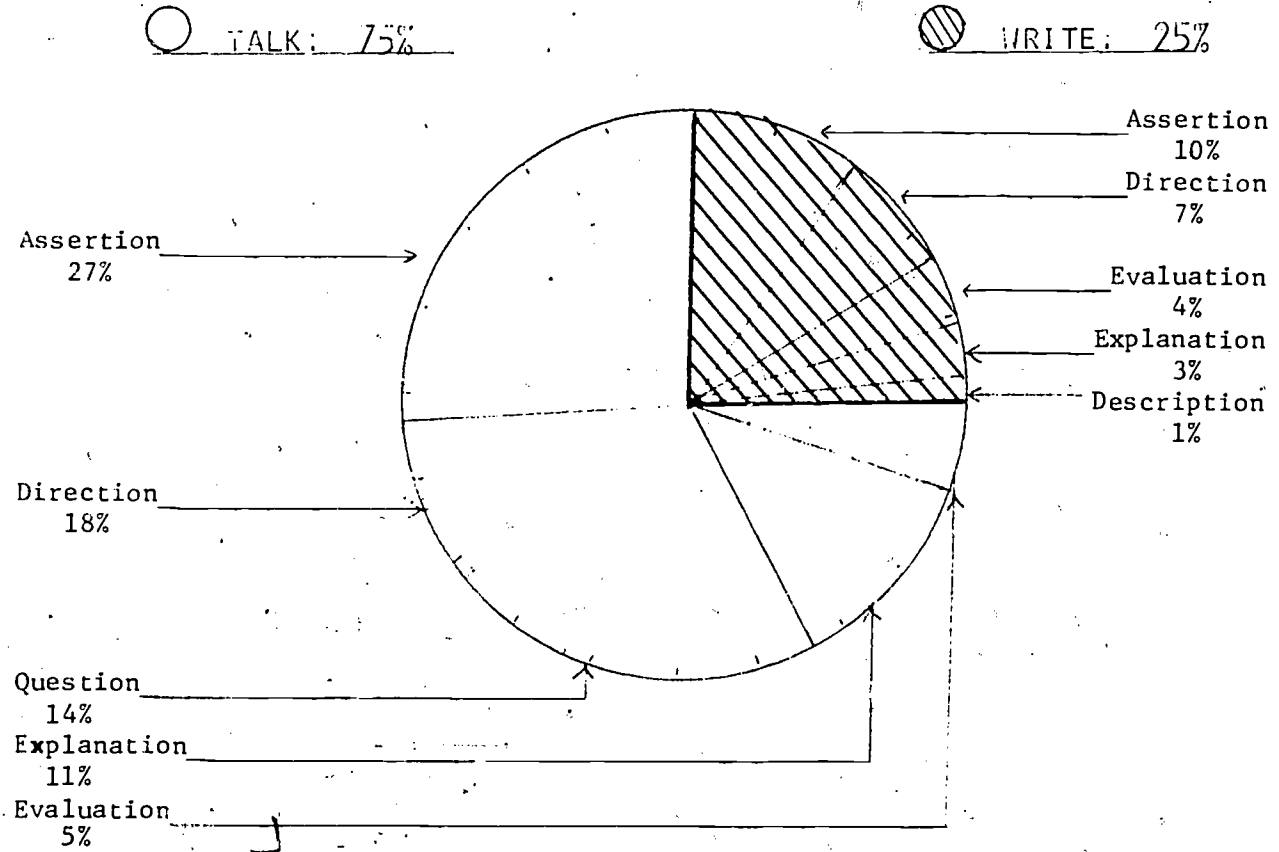
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 80

TRADE AND INDUSTRIAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 81

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS SEND IN COMMUNICATIONS

<u>TALK: 66%</u>	<u>WRITE: 34%</u>
ASSERTION 21%	ASSERTION 11%
DIRECTION 13%	DIRECTION 9%
QUESTION 12%	EXPLANATION 8%
EXPLANATION 10%	QUESTION 3%
DESCRIPTION 5%	DESCRIPTION 2%
EVALUATION 5%	EVALUATION 1%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 81

TRADE AND INDUSTRIAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATION

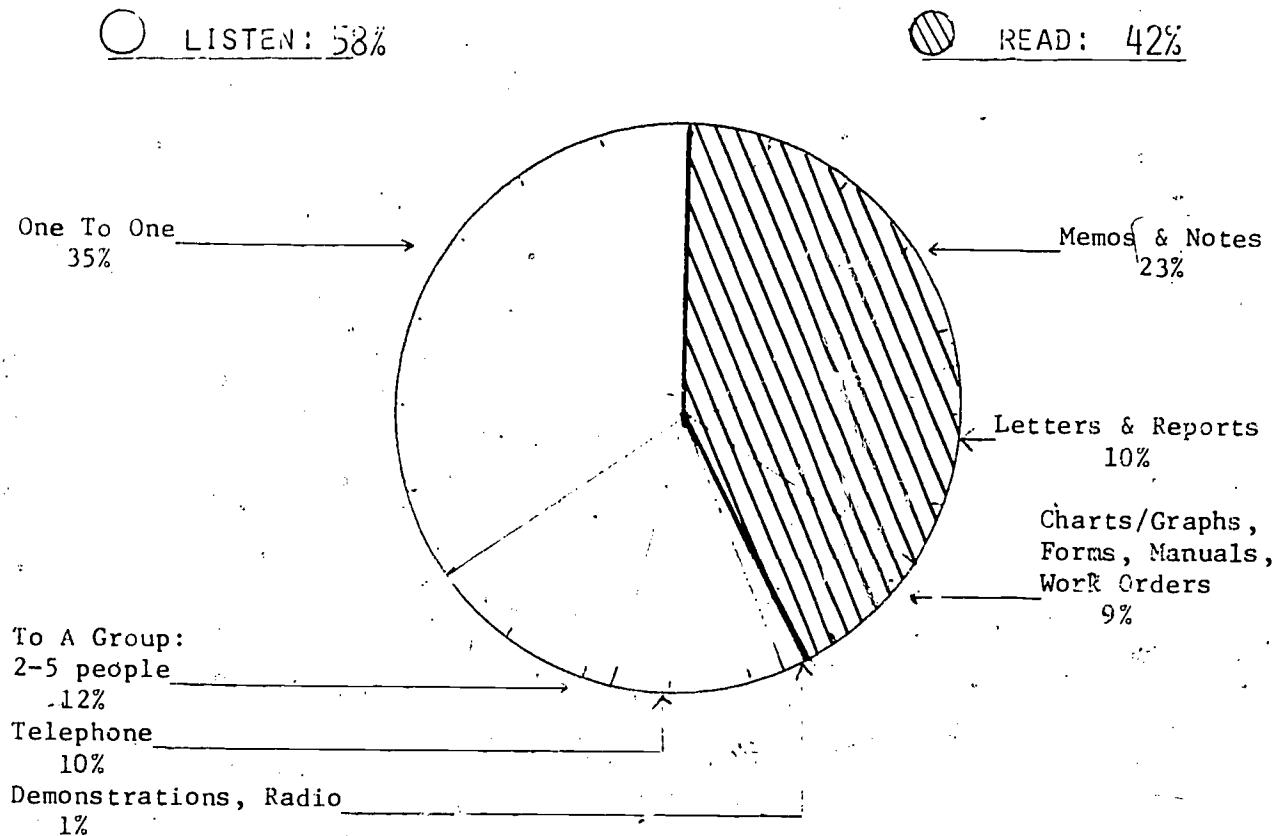


Figure 32

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

WAYS SUPERVISORS RECEIVE COMMUNICATIONS

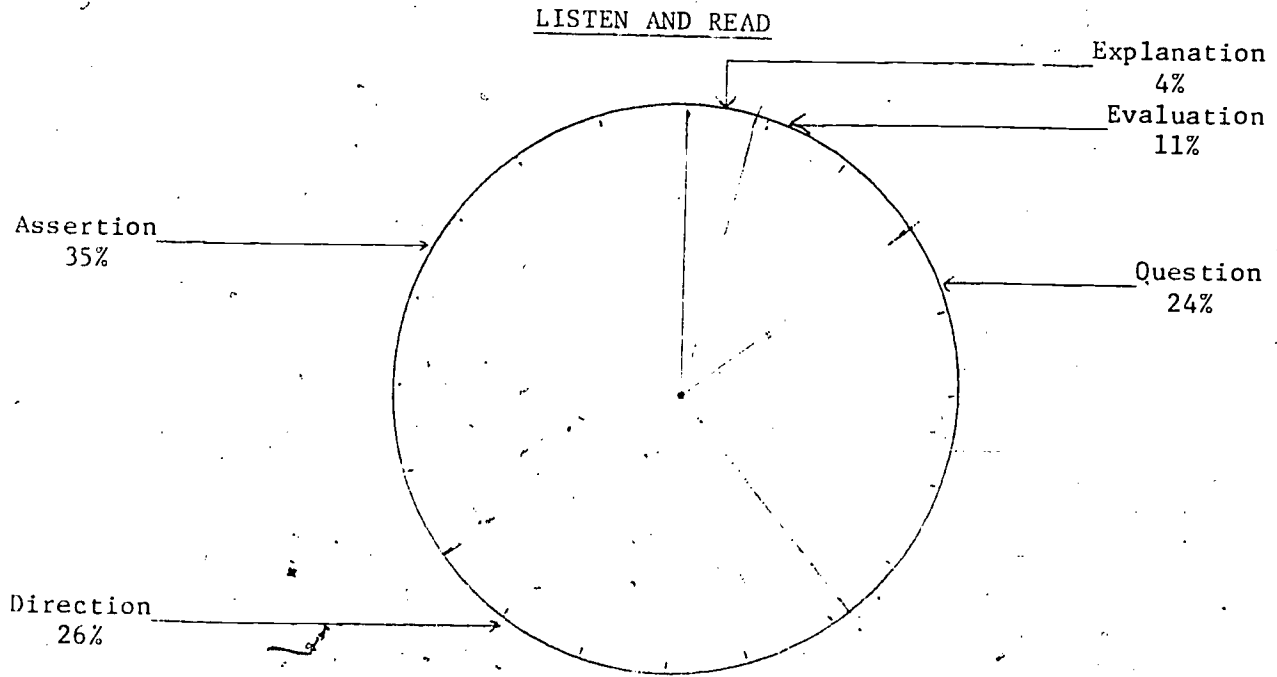
<u>LISTEN: 67%</u>	<u>READ: 33%</u>
ONE TO ONE 35%	MEMOS & NOTES . . . 17%
TELEPHONE 19%	LETTERS & REPORTS . 8%
TO A GROUP: 2-5 PEOPLE . . 10%	CHARTS/GRAPHS, FORMS
DEMONSTRATIONS, RADIO . . 3%	MANUALS, WORK ORDERS 8%

Table 82

TRADE AND INDUSTRIAL OCCUPATIONS

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 33

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

LISTEN AND READ

ASSERTION	28%
QUESTION	23%
DIRECTION	21%
EXPLANATION	13%
EVALUATION	9%
DESCRIPTION	6%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

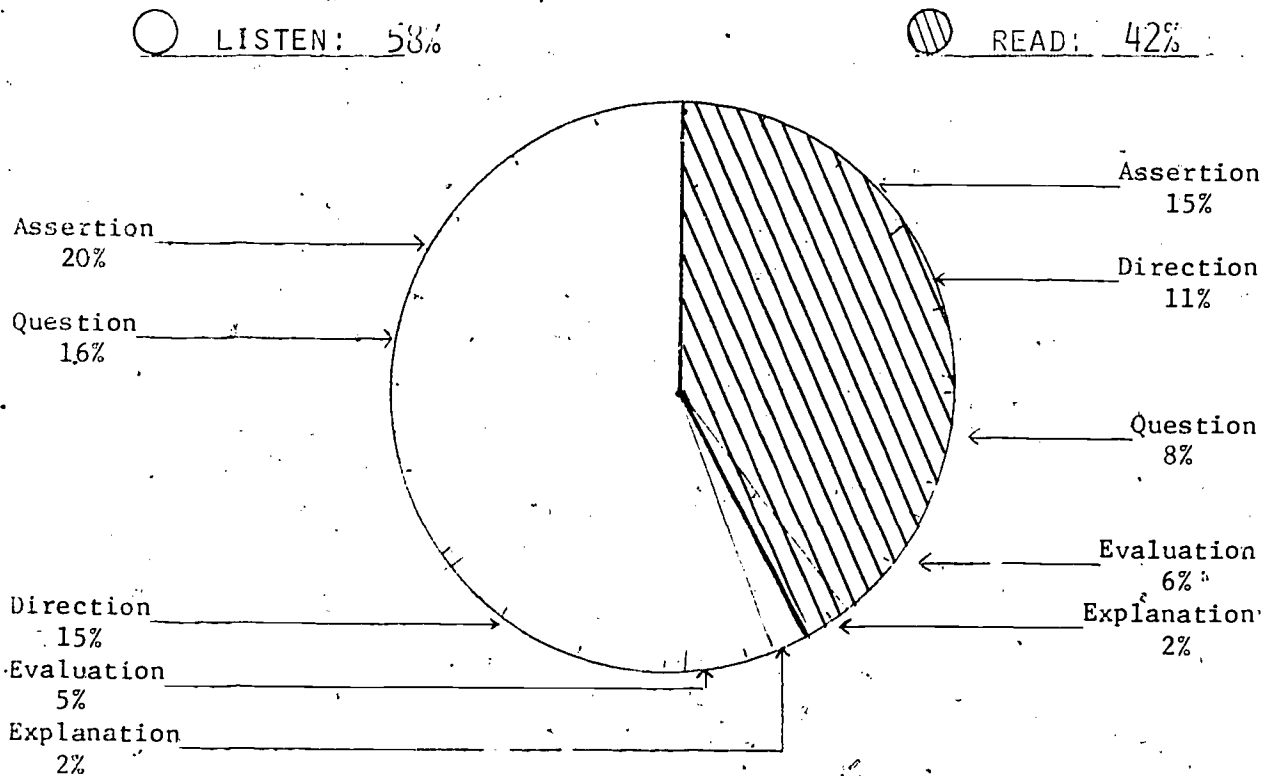
EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 83
201

TRADE AND INDUSTRIAL OCCUPATIONS.

INDIVIDUAL RESPONSE TO SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS



Assertion: advise, opinion, propose, recommend, sell, persuade, suggest.

Direction: direct, instruct, order.

Evaluation: assure, appreciate, compliment, correct, scold, reprimand.

Figure 84

TRADE AND INDUSTRIAL OCCUPATIONS

ADVISORY GROUP SUPERVISOR RESPONSE
TO CONDENSED SUPERVISOR QUESTIONNAIRE

THE KINDS OF INFORMATION SUPERVISORS RECEIVE IN COMMUNICATIONS

<u>LISTEN: 67%</u>	<u>READ: 33%</u>
ASSERTION 20%	ASSERTION 9%
QUESTION 18%	DIRECTION 8%
DIRECTION 12%	QUESTION 6%
EXPLANATION 9%	EXPLANATION 4%
EVALUATION 5%	EVALUATION 4%
DESCRIPTION 3%	DESCRIPTION 2%

ASSERTION: ADVISE, OPINION, PERSUADE, RECOMMEND, SELL,
PROPOSE, SUGGEST.

DIRECTION: DIRECT, INSTRUCT, ORDER.

EVALUATION: ASSURE, APPRECIATE, COMPLIMENT, CORRECT, SCOLD,
REPRIMAND.

Table 84

CHAPTER IX

MINI-QUESTIONNAIRE

The Mini-questionnaire (Appendix E) consists of information received from:

1. entry level employees who responded to the Employees Questionnaire (Appendix A);
2. supervisors who responded to the Supervisors Questionnaire (Appendix B);
3. advisory committee members who responded to the Condensed Questionnaire (Appendices C and D).

Tables 86-112 represent the employees' and supervisors' summary of:

1. the three most frequent ways of communicating;
2. the three most effective ways of communicating;
3. the three ways of communicating that need to be better taught to employees;
4. the three ways of communicating that need to be better taught to supervisors.

Analysis of Mini-Questionnaire Responses

Most Frequently Used Communications/Most Effectively Used Communications

Employees and supervisors from all seven fields indicated that talking and listening one-to-one was their most frequent way of communicating.

The respondents from all but one of the seven fields indicated that talking and listening one-to-one was the most effective way of communicating. Respondents from the Business and Office Occupations, the exception, indicated that they believed memos and notes to be the most effective way of communicating.

Employees and supervisors from four of the seven fields (with variations between employees and supervisors within a field) selected the telephone and memos and notes as the next most frequently used ways of communicating.

Employees and supervisors from five of the seven fields (with variations between employees and supervisors within a field) selected the telephone and memos and notes as the next most effective way of communicating.

In general, the ways of communicating that should be better taught to employees are ranked as follows:

Responses from Employees	Responses from Supervisors
First: One-to-one	First: One-to-one
Second: Charts & Graphs	Second: Letters & Reports

In general, the ways of communicating that should be better taught to supervisors are ranked as follows:

Responses from Employees	Responses from Supervisors
First: One-to-one	First: One-to-one
Second: Demonstration/Radio	Second: Letters & Reports

AGRICULTURAL OCCUPATIONS

MINI QUESTIONNAIRE

<u>EMPLOYEES RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	35%	38%
Memos & Notes	20%	17%
Telephone	14%	16%
To A Group: 2-5 People	14%	7%
Demonstrations, Radio	8%	12%
Charts/Graphs, Forms, Manuals, Work Orders	6%	7%
Letters & Reports	3%	3%

Table 85

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO EMPLOYEES

	Employees Response	Supervisors Response
One to One	28%	26%
Charts/Graphs, Forms, Manuals, Work Orders	22%	14%
Demonstrations, Radio	16%	11%
To A Group: 2-5 People	14%	10%
Memos & Notes	8%	14%
Telephone	6%	8%
Letters & Reports	6%	17%

Table 86

AGRICULTURAL OCCUPATIONS MINI QUESTIONNAIRE

<u>SUPERVISORS RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	32%	36%
Telephone	20%	15%
To A Group: 2-5 People	14%	11%
Demonstrations, Radio	14%	14%
Memos & Notes	14%	14%
Charts/Graphs, Forms, Manuals, Work Orders	4%	3%
Letters & Reports	2%	7%

Table 87

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO SUPERVISORS

	Supervisors Response	Employees Response
One to One	27%	31%
Letters & Reports	19%	10%
To A Group: 2-5 People	15%	19%
Memos & Notes	13%	13%
Demonstrations, Radio	11%	15%
Charts/Graphs, Forms, Manuals, Work Orders	10%	10%
Telephone	5%	2%

Table 88

BUSINESS AND OFFICE OCCUPATIONS

MINI QUESTIONNAIRE

<u>EMPLOYEES RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	35%	31%
Memos & Notes	24%	32%
Telephone	17%	23%
Letters & Reports	10%	5%
Charts/Graphs, Forms, Manuals, Work Orders	9%	5%
To A Group: 2-5 People	3%	2%
Demonstrations, Radio	2%	2%

Table 89

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO EMPLOYEES

	Employees Response	Supervisors Response
One to One	29%	26%
Letters & Reports	27%	29%
Telephone	22%	16%
Memos & Notes	12%	19%
Charts/Graphs, Forms, Manuals, Work Orders	8%	2%
To A Group: 2-5 People	2%	6%
Demonstrations, Radio	0%	2%

Table 90

BUSINESS AND OFFICE OCCUPATIONS

MINI QUESTIONNAIRE

<u>SUPERVISORS RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	32%	32%
Memos & Notes	30%	33%
Telephone	22%	17%
Letters & Reports	11%	13%
To A Group: 2-5 People	4%	3%
Charts/Graphs, Forms, Manuals, Work Orders	1%	1%
Demonstrations, Radio	0%	1%

Table 91

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO SUPERVISORS

	Supervisors Response	Employees Response
One to One	37%	31%
Letters & Reports	24%	27%
Memos & Notes	22%	12%
To A Group: 2-5 People	9%	10%
Telephone	6%	10%
Demonstrations, Radio	2%	2%
Charts/Graphs, Forms, Manuals, Work Orders	0%	8%

Table 92

DISTRIBUTION & MARKETING OCCUPATIONS

MINI QUESTIONNAIRE

<u>EMPLOYEES RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	34%	33%
Telephone	20%	19%
Memos & Notes	16%	16%
Demonstrations, Radio	12%	11%
Charts/Graphs, Forms, Manuals, Work Orders	9%	5%
To A Group: 2-5 People	7%	9%
Letters & Reports	2%	7%

Table 93

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO EMPLOYEES

	Employees Response	Supervisors Response
One to One	25%	30%
Charts/Graphs, Forms, Manuals, Work Orders	18%	8%
To A Group: 2-5 People	17%	8%
Demonstrations, Radio	17%	17%
Telephone	13%	15%
Memos & Notes	5%	12%
Letters & Reports	5%	10%

Table 94

DISTRIBUTION & MARKETING OCCUPATIONS

MINI QUESTIONNAIRE

<u>SUPERVISORS RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	35%	33%
Memos & Notes	23%	19%
Telephone	15%	14%
Demonstrations, Radio	11%	13%
To A Group: 2-5 People	8%	12%
Letters & Reports	7%	8%
Charts/Graphs, Forms, Manuals, Work Orders	1%	1%

Table 95

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO SUPERVISORS

	Supervisors Response	Employee Response
One to One	26%	27%
Letters & Reports	19%	8%
To A Group: 2-5 People	17%	21%
Demonstrations, Radio	14%	14%
Memos & Notes	11%	5%
Charts/Graphs, Forms, Manuals, work Orders	8%	17%
Telephone	5%	8%

Table 96

HEALTH OCCUPATIONS

MINI QUESTIONNAIRE

<u>EMPLOYEES RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	32%	33%
Telephone	20%	20%
Demonstrations, Radio	12%	11%
To A Group: 2-5 People	10%	7%
Memos & Notes	10%	14%
Charts/Graphs, Forms, Manuals, Work Orders	10%	6%
Letters & Reports	6%	9%

Table 97

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO EMPLOYEES

	Employees Response	Supervisors Response
One to One	27%	26%
Telephone	23%	24%
Letters & Reports	19%	15%
Demonstrations, Radio	13%	12%
Charts/Graphs, Forms, Manuals, Work Orders	10%	6%
Memos & Notes	4%	7%
To A Group: 2-5 People	4%	10%

Table 98

HEALTH OCCUPATIONS

MINI QUESTIONNAIRE

<u>SUPERVISORS RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	36%	37%
Telephone	26%	24%
Memos & Notes	11%	11%
Letters & Reports	11%	8%
To A Group: 2-5 People	9%	11%
Demonstrations, Radio	7%	9%
Charts/Graphs, Forms, Manuals, Work Orders	0%	0%

Table 99

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO SUPERVISORS

	Supervisors Response	Employees Response
One to One	32%	33%
Telephone	22%	8%
Letters & Reports	18%	18%
To A Group: 2-5 People	11%	8%
Demonstrations, Radio	8%	14%
Charts/Graphs, Forms, Manuals, Work Orders	6%	16%
Memos & Notes	3%	3%

Table 100

HOME AND FAMILY LIFE OCCUPATIONS

MINI QUESTIONNAIRE

<u>EMPLOYEES RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	37%	36%
To A Group: 2-5 People	17%	14%
Telephone	17%	19%
Letters & Reports	14%	12%
Memos & Notes	7%	10%
Demonstrations, Radio	4%	2%
Charts/Graphs, Forms, Manuals, Work Orders	4%	7%

Table 101

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO EMPLOYEES

	Employees Response	Supervisors Response
One to One	36%	19%
Letters & Reports	30%	19%
Charts/Graphs, Forms, Manuals, Work Orders	12%	14%
To A Group: 2-5 People	10%	19%
Telephone	8%	10%
Memos & Notes	6%	14%
Demonstrations, Radio	0%	5%

Table 102

HOME AND FAMILY LIFE OCCUPATIONS

MINI QUESTIONNAIRE

<u>SUPERVISORS RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	36%	33%
Telephone	20%	19%
Memos & Notes	18%	18%
To A Group: 2-5 People	14%	19%
Letters & Reports	8%	6%
Charts/Graphs, Forms, Manuals, Work Orders	4%	5%
Demonstrations, Radio	0%	0%

Table 103

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO SUPERVISORS

	Supervisors Response	Employees Response
One to One	27%	31%
To A Group: 2-5 People	27%	14%
Letters & Reports	20%	20%
Telephone	8%	0%
Demonstrations, Radio	8%	17%
Memos & Notes	5%	6%
Charts/Graphs, Forms, Manuals, Work Orders	5%	12%

Table 104

TECHNICAL OCCUPATIONS

MINI QUESTIONNAIRE

<u>EMPLOYEES RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	33%	35%
Memos & Notes	16%	16%
To A Group: 2-5 People	14%	10%
Charts/Graphs, Forms, Manuals, Work Orders	14%	12%
Telephone	13%	10%
Demonstrations, Radio	8%	15%
Letters & Reports	2%	2%

Table 105

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO EMPLOYEES

	Employees Response	Supervisors Response
One to One	30%	36%
To A Group: 2-5 People	17%	9%
Demonstrations, Radio	17%	7%
Charts/Graphs, Forms, Manuals, Work Orders	14%	14%
Telephone	8%	15%
Letters & Reports	8%	10%
Memos & Notes	6%	9%

Table 106

TECHNICAL OCCUPATIONS

MINI QUESTIONNAIRE

SUPERVISORS RESPONSE TO:

Most Frequently
Used Communications

Most Effectively
Used Communications

One to One	33%	33%
Memos & Notes	22%	31%
Telephone	20%	17%
To A Group: 2-5 People	13%	15%
Charts/Graphs, Forms, Manuals, Work Orders	7%	0%
Demonstrations, Radio	4%	4%
Letters & Reports	1%	0%

Table 107

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO SUPERVISORS

	Supervisors Response	Employees Response
One to One	26%	25%
Memos & Notes	20%	12%
Letters & Reports	16%	4%
To A Group: 2-5 People	14%	18%
Charts/Graphs, Forms Manuals, Work Orders	10%	17%
Telephone	7%	2%
Demonstrations, Radio	7%	22%

Table 108

TRADE AND INDUSTRIAL OCCUPATIONS

MINI QUESTIONNAIRE

<u>EMPLOYEES RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	32%	34%
Charts/Graphs, Forms, Manuals, Work Orders	18%	16%
Memos & Notes	17%	16%
Telephone	13%	11%
To A Group: 2-5 People	9%	11%
Demonstrations, Radio	6%	9%
Letters & Reports	5%	3%

Table 109

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO EMPLOYEES

	Employees Response	Supervisors Response
One to One	28%	24%
Charts/Graphs, Forms, Manuals, Work Orders	21%	18%
To A Group: 2-5 People	14%	10%
Memos & Notes	11%	7%
Letters & Reports	10%	17%
Demonstrations, Radio	10%	15%
Telephone	6%	9%

Table 110

TRADE AND INDUSTRIAL OCCUPATIONS

MINI QUESTIONNAIRE

<u>SUPERVISORS RESPONSE TO:</u>	Most Frequently Used Communications	Most Effectively Used Communications
One to One	32%	32%
Telephone	17%	15%
To A Group: 2-5 People	16%	13%
Memos & Notes	12%	13%
Charts/Graphs, Forms, Manuals, Work Orders	10%	9%
Demonstrations, Radio	7%	10%
Letters & Reports	6%	8%

Table 111

COMMUNICATIONS THAT SHOULD BE BETTER TAUGHT TO SUPERVISORS

	Supervisors Response	Employees Response
One to One	22%	28%
Letters & Reports	20%	10%
Demonstrations, Radio	18%	12%
Charts/Graphs, Forms, Manuals, Work Orders	13%	16%
To A Group: 2-5 People	12%	15%
Telephone	8%	3%
Memos & Notes	7%	16%

Table 112

CHAPTER X

CONCLUSIONS AND RECOMMENDATIONS

CONCLUSIONS

An examination of the figures and tables, and the narrative introducing each section, shows that in spite of differences in responses between individuals and advisory groups in a given field, and in spite of differences between fields, there is a commonality to the responses. All employees reported relying heavily on oral communications for both sending and receiving communications. In six (Agriculture, Distributive and Marketing, Health, Home and Family Life, Technical, and Trade and Industry) of seven occupational fields surveyed, the spoken word was the predominant choice as a means of communicating. When writing was used as the means of communication, it tended to be informal.

In the Business and Office occupations, the responses varied. Advisory group employees indicated that talking (58% of their responses) was the most frequent way of sending communications. When responses from individual employees in the field were analyzed, they reported that they talked and listened slightly less than they wrote and read; supervisors reported reading more than listening. Respondents from one job cluster (junior accountant) in the Business and Office occupations indicated the use of oral communications in only about one-third of their responses. In the same field, clerk-typists indicated that they talk and listen considerably more than they write and read.

Employees selected talking to one person face-to-face as the most frequent way of sending communications (33% or more of their responses in each of five fields: Agriculture, Health, Home and Family Life, Technical, Trade and Industry) and employees indicated receiving information by listening to one person face-to-face (29% or more of their responses in all of the seven fields). The same pattern prevailed among supervisors. Only in the field of Business and Office did the supervisor responses fall below 50% in the use of one-to-one oral communications.

The figures and tables show that even when writing choices dominated talking choices, the way of communicating most used was talking with one person face-to-face.

In Distributive and Marketing occupations, training in one-to-one communications takes place during the instruction given for sales work. Little beyond this training, however, was found in the way of a formal curriculum for oral communications.

While it is possible that there are courses being offered in secondary and post-secondary schools that are designed to teach effective ways of asking for and giving advice, expressing and reacting to opinions, giving and responding to directions; they were not discovered during the investigations related to this project. There are few formal programs being presented that deal explicitly with one-to-one kinds of oral communications. For example, the investigators were unable to find curricula designed to teach a food processing warehouse foreman how to direct a fork lift operator to place a pallet of canned food in a specific place in a warehouse or to teach the fork lift operator how to ask questions when he wasn't absolutely sure that he clearly understood the directions. No course was found with the objective of teaching the executive or administrator how to explain a format to a secretary so that the finished product would be as visualized by the person requesting it.

Even with the concentration on communications of those involved in this project there were occasions when, due to lack of training in oral communications on the part of those giving directions, lack of understanding occurred and difficulties in one-to-one communication ensued.

In order to emphasize the importance of oral communications as reported by both individual and advisory group respondents in all fields surveyed, charts were prepared (Figures 85-88). As noted in the narrative, only Business and Office employees used oral communications less frequently than written communications, and even in this field the clerk-typist and the recordkeeper reported most communications as being oral (over 50% of their responses) and the secretary reported only communications with customers as being done more through writing than through talking.

The charts show that the supervisor advisory groups in all fields report that when they communicate on the job, they talk more than they write. However, both the Business and Office and the Technical individual respondents reported reading as the predominant means of receiving communications (52% and 53%, respectively). Figures 89-92 depict the extent of one-to-one, face-to-face, communications in all fields. In all cases the percentages used are the percentages of all ways of communicating reported being used. Wide variations between fields appear on the charts illustrating the individuals responses to the detailed questionnaire. The range is from a low of 22% in the listening mode (reported by individual supervisors in the Business and Office field) to a high of 59% in the listening mode (reported by individual employees in the Health field.) Individual employees in the Health field reported talking and listening as constituting most of their communications (over 50% of both their communications sent and their communications received).

The charts reporting the responses of the advisory groups show a greater consistency among fields. The analysis of responses collected from advisory group employees shows a range of only five percentage points in the talking mode from 32% in Business and Office to 37% in

Trade and Industrial. The analysis of responses collected from advisory group supervisors reported a range in the listening mode of from 30% in Technical to 36% in Health, and in the talking mode from 30% in Business and Office to 35% in Agriculture.

Table 113 (employee Occupational Summary) and Table 114 (supervisor Occupational Summary) illustrate the rankings of the ways of communicating within each of the seven fields. The first figure shown in each case represents the rankings from the mini-questionnaire analysis; the second figure represents the rankings from the detailed questionnaire analysis; the third figure represents rankings from the condensed questionnaire (advisory group) analysis.

ORAL COMMUNICATIONS/TOTAL FIELD

● Individuals
□ Advisory Groups

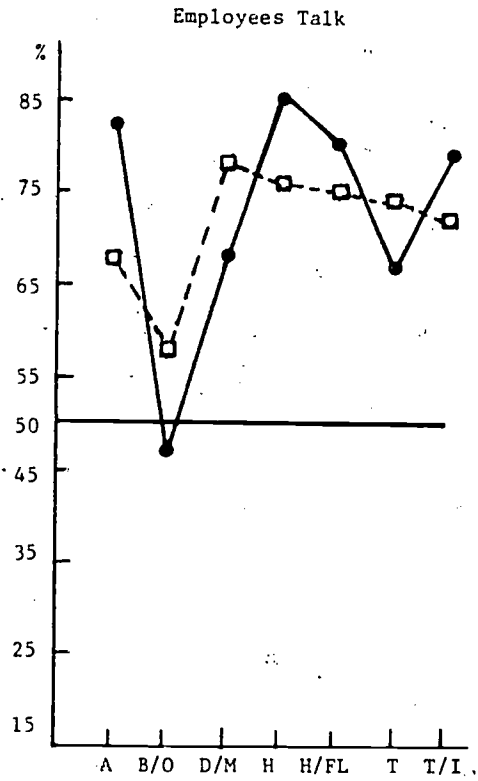


Figure 85

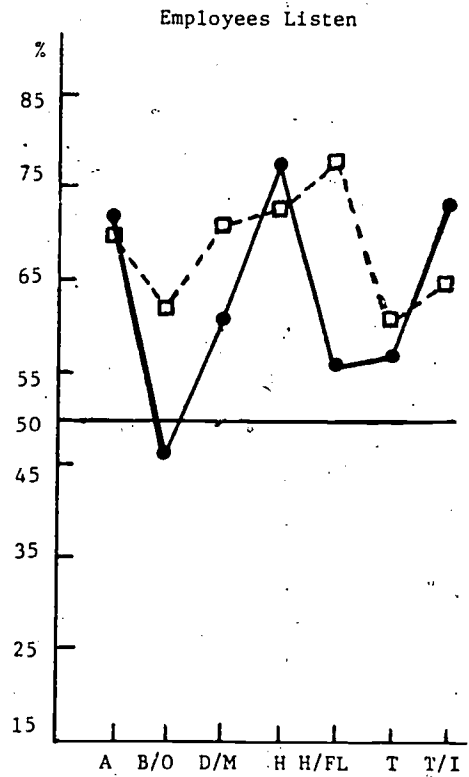


Figure 86

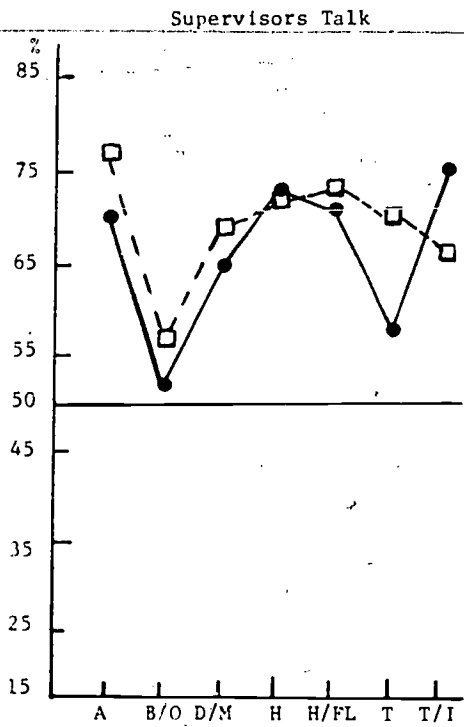


Figure 87

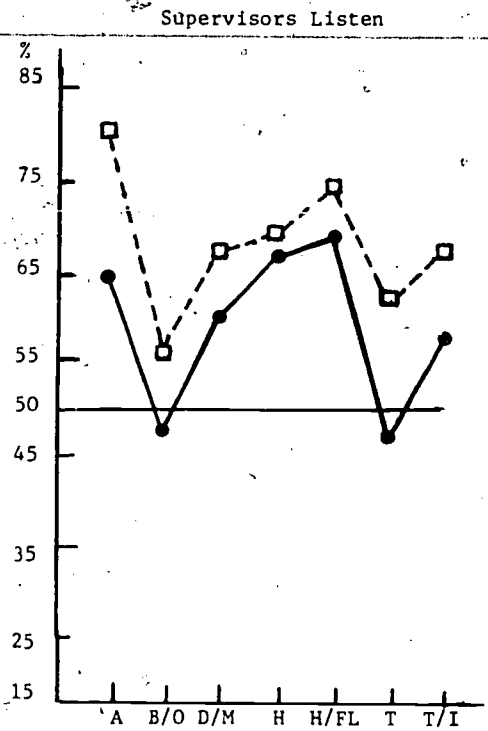


Figure 88

ORAL COMMUNICATIONS/FACE-TO-FACE

● Individuals
 □ Advisory Groups

Employees Talk

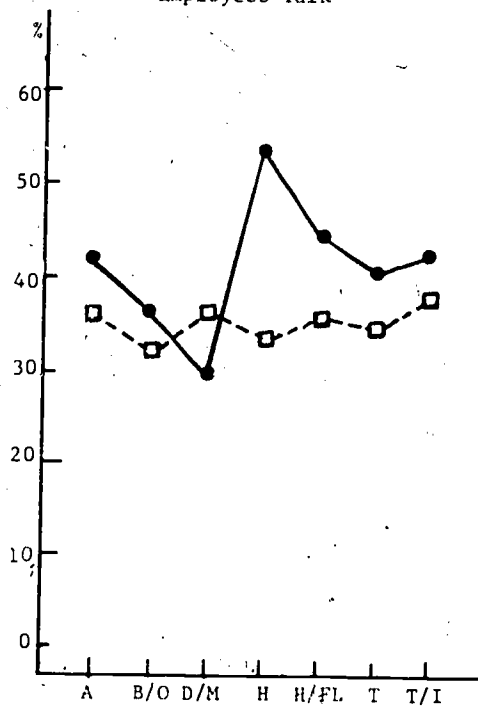


Figure 82

Employees Listen

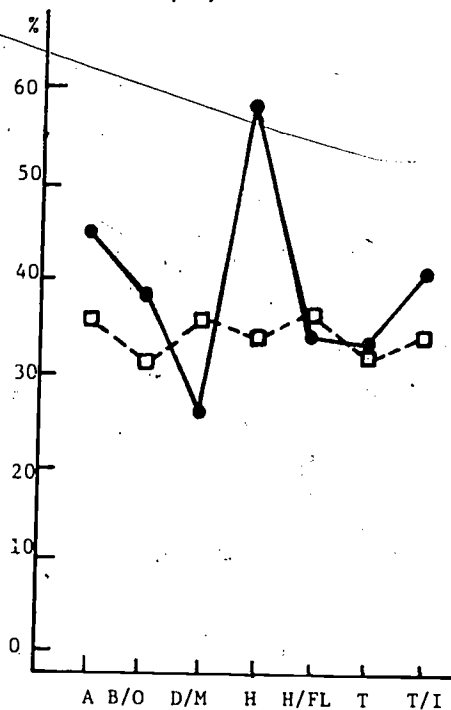


Figure 90

Supervisors Talk

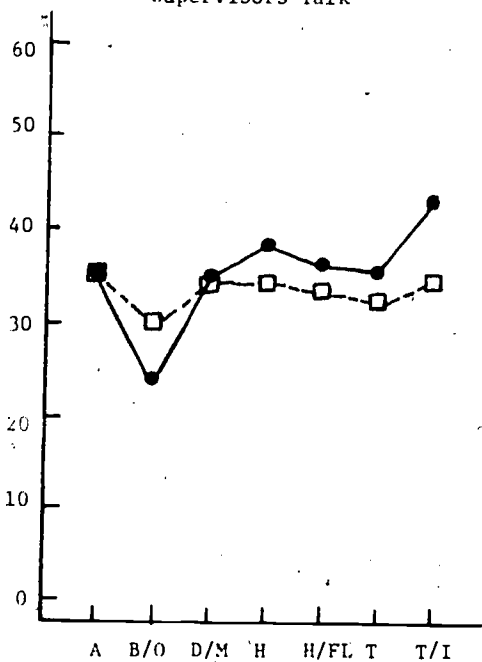


Figure 91

Supervisors Listen

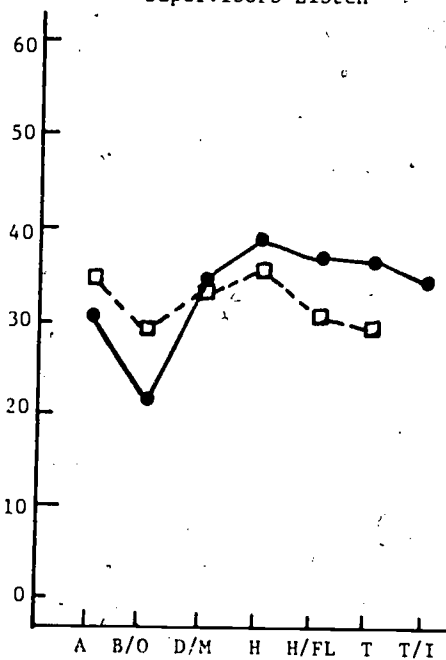


Figure 92

OCCUPATIONAL SUMMARY

WAYS OF COMMUNICATING

EMPLOYEES Responses to Question- naires	One to One	Memos & Notes	Tele- phone	Group 2-5 People	Bulle- tins Charts Graphs Forms Work orders	Intercom Demon- stration Radio	Letters Reports
AGRICULTURE							
Mini	1	2	3	3	6	5	7
Individual	1	3	5	2	3	5	5
Advisory	1	2	3	4	5	5	7
BUSINESS AND OFFICE							
Mini	1	2	3	6	5	7	4
Individual	1	2	5	7	3	6	3
Advisory	1	1	3	5	5	7	4
DISTRIBUTION & MARKETING							
Mini	1	3	2	6	5	4	7
Individual	1	2	4	2	5	7	5
Advisory	1	3	2	4	6	5	7
HEALTH							
Mini	1	4	2	4	4	3	7
Individual	1	3	3	5	6	3	6
Advisory	1	4	3	6	4	2	7
HOME AND FAMILY LIFE							
Mini	1	5	2	2	6	6	4
Individual	1	2	3	4	5	6	5
Advisory	1	4	2	3	6	6	6
TECHNICAL							
Mini	1	2	5	3	3	6	7
Individual	1	3	5	2	5	7	4
Advisory	1	2	3	6	6	5	7
TRADE AND INDUSTRY							
Mini	1	3	4	5	2	6	7
Individual	1	3	4	2	5	6	7
Advisory	1	2	4	4	4	6	7

Table 113

OCCUPATIONAL SUMMARY

WAYS OF COMMUNICATING

SUPERVISORS Responses to Question- naires	One to One	Memos & Notes	Tele- phone	Group 2-5 People	Bulle- tins Charts Graphs Forms Work orders	Intercom Demon- stration Radio	Letters Reports
AGRICULTURE							
Mini	1	5	6	4	2	3	7
Individual	1	3	4	2	6	7	5
Advisory	1	3	3	2	6	5	6
BUSINESS AND OFFICE							
Mini	1	2	3	6	5	7	4
Individual	2	1	3	4	4	7	4
Advisory	1	1	3	5	6	7	4
DISTRIBUTION & MARKETING							
Mini	1	2	4	5	2	4	6
Individual	1	4	2	3	5	7	6
Advisory	1	3	2	4	5	6	6
HEALTH							
Mini	1	6	2	6	5	4	3
Individual	1	2	3	3	5	6	7
Advisory	1	2	3	4	6	5	7
HOME AND FAMILY LIFE							
Mini	1	6	5	4	3	7	2
Individual	1	3	4	2	6	7	5
Advisory	1	3	2	4	6	7	5
TECHNICAL							
Mini	1	7	5	2	3	3	6
Individual	1	3	5	4	2	7	5
Advisory	1	3	2	4	5	6	5
TRADE AND INDUSTRY							
Mini	1	4	7	3	2	6	5
Individual	1	2	4	3	6	7	5
Advisory	1	3	2	5	4	7	6

Table 114

RECOMMENDATIONS

It was determined that Objective 3, "To determine a basic vocabulary of from 50 to 100 descriptive and discriminative words/phrases that allow effective application of the technical vocabulary in each of the occupational clusters," was beyond the capacity of accomplishment of this project. Today's technology has made manual determination of common vocabulary used in occupations obsolete. Computers, with their scanning capability of printed textual material, have provided faster, more accurate means of identifying "descriptive/discriminative words/phrases" suggested in this objective. Further, the cost of developing the kind of basic vocabulary identified in Objective (3) would be beyond the resources of this project. To do the research correctly, there would need to be individual recordings of conversations that take place on each job of each of the thirty (30) occupations studied. This would require a minimum of:

1. Thirty (30) minutes of taped conversation between the designated employee and other employees in the specific business.
2. The same amount of taped time would be required between and among:
 - a. employees and customers,
 - b. employees and supervisors,
 - c. supervisors and supervisors,
 - d. supervisors and customers,
 - e. all the multiples these imply.

This research would only collect the information. Additional time and money would be needed to transcribe these conversations and to make a detailed report.

This statement does not, in any way, imply that the objective is unimportant. To the contrary, it is because of its importance that the specific objective is considered too expensive to attempt in this project. It is urged that the objective be pursued in another project with additional and adequate resources.

The project results leave little doubt that greater emphasis needs to be placed on the teaching of oral communications related to specific occupations. It is recommended that the teaching of oral communications on a one-to-one basis, and informal written communications, be made an integral part of every vocational training program. Since no task analyses were done for the specific jobs investigated in this project, the amount of time spent in communication activities has not been determined; neither has the importance of communications, per se, to individual job performance. It must be the responsibility of the instructor, the communications specialist and/or the curriculum specialist to determine the amount and the depth of communications training needed for any particular vocational education program. The form of communication training and the degree to which that training is related to the specific job must be determined by those responsible for the training.

There is, however, clear evidence that extreme emphasis should be placed on face-to-face oral communications and informal written communications. Training for this should concentrate on the involvement of both parties in an occupational communication situation. It is of great importance that communications be between people.

The vocational instructor has the obligation to make sure that his/her students have the necessary skills in the ways people communicate: talking and listening--reading and writing. Equally important, each has the responsibility to assure that the students, regardless of level, are capable of using the skills incumbent in asking and answering questions, giving and receiving advice, complimenting and responding to compliments. The vocational student is not completely trained until he/she has the communications skills needed for success on the job.

EMPLOYEES QUESTIONNAIRE
Occupational Communications Skills Analysis



VOCATIONAL CURRICULUM MANAGEMENT CENTER
COORDINATING COUNCIL FOR OCCUPATIONAL EDUCATION

Max Benitz, Chairman

Arthur A. Binnie, State Director and
Executive Officer

James L. Blue, Program Director

Archie G. Breslin, Program Supervisor

Robert L. Leingang, Program Supervisor

Project #V0073VZ

OCCUPATIONAL COMMUNICATIONS SKILLS ANALYSIS

Group _____	Name _____
Firm Name _____	Position With Firm _____
Address _____	No. Of Yrs. In Current Position _____
_____	No. Of Yrs. With This Firm _____
Phone _____	No. Of Yrs. With This Type Of Firm _____
How Many Employees In Firm _____	Years Of Schooling _____
How Many Supervisors in Firm _____	How Many Employees Do You Supervise _____

Communication is a two-way process. Communication on the job takes place when a person (the sender) gives thoughts or ideas to another person (the receiver) and when a person (the receiver) receives the thoughts or ideas of another person (the sender).

Basic communications skills involving reading, writing, and speaking have become an integral part of technical training. Daily, informal interactions that occur (1) between employee and supervisor, (2) between customer and employee, and (3) among employees illustrate these communications skills. Communications skills relevant to technical training include:

- a. Giving and receiving directions, instructions, and orders,
- b. Describing and defining materials, process and requirements,
- c. Asking for information and services, and
- d. Explaining technical processes in non-technical terms.

The following Occupational Communications Skills Analysis is an attempt to identify a basic core of communications skills that supplies support to the technical skills used by the employee and the supervisor on the job.

DEFINITION OF TERMS

The following definitions are included to help differentiate between words that have similar meanings. It may prove beneficial to read this list before you continue with the questionnaire.

Appreciation: The awareness of value or enjoyment.

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MEMO: A memorandum, an informal, written communication to help one remember something or remind one to do something.

Note: A written comment, an informal, brief, written explanation or instruction.

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Tools: Common hand tools manipulated by the worker.

Demonstration: A practical showing of how something works or is used.

Effective: Producing a desired result.

Group: 2-5 people.

Reprimand: To blame or scold in a formal and sharp way.

WHAT INFORMATION IS RECEIVED (Cont.)

AS AN EMPLOYEE WHEN I:

Listen To A Radio/Intercom From:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	I Receive Advice	I Am Asked Questions	I Am Given Assurance	I Am Given Appreciation	I Am Corrected	I Receive Descriptions	I Receive Directions	I Receive Explanations	I Receive Opinions	I Receive Instructions	I Receive Orders	I Receive Proposals	I Am Scolded	I Am Being Sold/Persuaded	I Am Given Suggestions	Other
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Listen To:

- My Supervisor
- Another Employee
- A Customer

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Listen To A Group:
(2-5 People)

- My Supervisors
- Other Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AS AN EMPLOYEE I AM EFFECTIVE WHEN I:

Give Advice To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Ask Questions Of:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give Assistance To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Show Appreciation To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give A Compliment To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Correct:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give Descriptions To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give Directions To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give Explanations To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give My Opinion To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give Instructions To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AS AN EMPLOYEE I AM EFFECTIVE WHEN I:

Give Orders To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give Proposals To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give Recommendations To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Scold:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sell/Persuade:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give Suggestions To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Reprimand:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AS AN EMPLOYEE I AM EFFECTIVE WHEN I:

Write Reports To:

- My Supervisor
- Other Employees
- Customers

Does Not Apply	Almost All The Time	Most Of The Time	Some Of The Time	None Of The Time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Write Letters To:

- My Supervisor
- Other Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Write Bulletins To:

- My Supervisor
- Other Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Write Memos To:

- My Supervisor
- Other Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Write Notes To:

- My Supervisor
- Other Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Fill Out Work Orders For:

- My Supervisor
- Other Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Fill Out Forms For:

- My Supervisor
- Other Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Make Charts, Graphs, Sketches For:

- My Supervisor
- Other Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Give Demonstrations To:

- My Supervisor
- Other Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Telephone To:

- My Supervisor
- Other Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Radio/Intercom To:

- My Supervisor
- Other Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AS AN EMPLOYEE I AM EFFECTIVE WHEN I:

Talk One To One To:

- My Supervisor
- An Other Employee
- A Customer

Does Not Apply	Almost All The Time	Most Of The Time	Some Of The Time	None Of The Time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Talk To Groups Of: (2-5 People)

- Supervisors
- Employees
- Customers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SUMMARY

You have now completed our Occupational Communications Skills Analysis. Please summarize your beliefs about communications on your job answering the following questions.

Which three ways of communication do you use most frequently? _____

Which three ways of communicating are most effective for you? _____

Which three ways of communicating need to be better taught to employees prior to their employment? _____

Which three ways of communicating need to be better taught to supervisors prior to their employment as supervisors? _____

We would appreciate your comments about our Occupational Communications Skills Analysis _____

SUPERVISORS QUESTIONNAIRE
Occupational Communications Skills Analysis



VOCATIONAL CURRICULUM MANAGEMENT CENTER
COORDINATING COUNCIL FOR OCCUPATIONAL EDUCATION

Max Benitz, Chairman

Arthur A. Binnie, State Director and
Executive Officer

James L. Blue, Program Director

Archie G. Breslin, Program Supervisor

Robert L. Leingang, Program Supervisor

Project #VOO73VZ

OCCUPATIONAL COMMUNICATIONS SKILLS ANALYSIS

Group _____	Name _____
Firm Name _____	Position With Firm _____
Address _____ _____	No. Of Yrs. In Current Position _____
	No. Of Yrs. With This Firm _____
Phone _____	No. Of Yrs. With This Type Of Firm _____
How Many Employees In Firm _____	Years Of Schooling _____
How Many Supervisors in Firm _____	How Many Employees Do You Supervise _____

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- d. Explaining technical processes in non-technical terms.

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Recommendation: To express approval, to suggest favorably.

Suggestion: To bring to the mind for consideration, mention as something to think over.

Policy: A general plan.

Procedure: A specific method or way of doing something.

Routine: Doing something by habit.

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Memo: A memorandum, an informal, written communication to help one remember something or remind one to do something.

Note: A written comment, an informal, brief, written explanation or instruction.

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Tools: Common hand tools manipulated by the worker.

Demonstration: A practical showing of how something works or is used.

Effective: Producing a desired result.

Group: 2-5 people.

Reprimand: To blame or scold in a formal and sharp way.

AS A SUPERVISOR When I:
Give Information To

EMPLOYEES About:

- Does Not Apply
- I Write Reports
- I Write Letters
- I Write Bulletins
- I Write Memos
- I Fill Out Notes
- I Fill Out Work Orders
- I Make Charts, Graphs, Sketches
- I Give A Demonstration
- I -telephone
- I Radio/Intercom
- I Talk One To One
- I Talk To A Group
- Other

	Does Not Apply	I Write Reports	I Write Letters	I Write Bulletins	I Write Memos	I Fill Out Notes	I Fill Out Work Orders	I Make Charts, Graphs, Sketches	I Give A Demonstration	I -telephone	I Radio/Intercom	I Talk One To One	I Talk To A Group	Other
Items For Sale														
Big Ticket Items														
Equipment														
Machines														
Materials														
Small Items														
Supplies														
Other _____														
Items For Rent														
Equipment														
Machines														
Tools														
Other _____														
Services														
Adjustments														
Credit														
Delivery														
Repair														
Returns														
Other _____														
Items For Company Use														
Equipment														
Machines														
Materials														
Supplies														
Tools														
Work Orders														
Other _____														
Production														
Crew														
Company														
Individual														
Industry														
National														
Other _____														
Schedules														
Employee Work Schedules														
Production Schedules														
Schedules Of Work To Be Done														
Supervisor Work Schedules														
Other Schedules _____														
People														
What Customers Do														
What Employees Do														
What Other Supervisors Do														
What Suppliers Do														
What Other Company Stores Do														
What Top Management Personnel Do														

AS AN EMPLOYEE I AM
EFFECTIVE WHEN I:

Does Not Apply
Almost All The Time
Most Of The Time
Some Of The Time
None Of The Time

<u>Write Reports To:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				
<u>Write Letters To:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				
<u>Write Bulletins To:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				
<u>Write Memos To:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				
<u>Write Notes To:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				
<u>Fill Out Work Orders For:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				
<u>Make Charts, Graphs, Slides For:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				
<u>Give A Demonstration To:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				
<u>Telephone To:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				

AS A SUPERVISOR I AM
EFFECTIVE WHEN I:

Does Not Apply
Almost All The Time
Most Of The Time
Some Of The Time
None Of The Time

<u>Radio/Intercom To:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				
<u>Talk One To One With:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				
<u>Talk To a Group Of:</u> (2-5 People)				
Top Management				
Other Supervisors				
Employees				
Customers				
<u>Fill Out Completed Forms For:</u>				
Top Management				
Other Supervisors				
Employees				
Customers				



AS A SUPERVISOR I AM EFFECTIVE WHEN I:

Does Not Apply
Almost All The Time
Most Of The Time
Some Of The Time
None Of The Time

Give Advice To:
Top Management
Other Supervisors
Employees
Customers

Ask Questions Of:
Top Management
Other Supervisors
Employees
Customers

Give Assurance To:
Top Management
Other Supervisors
Employees
Customers

Show Appreciation To:
Top Management
Other Supervisors
Employees
Customers

Give A Compliment To:
Top Management
Other Supervisors
Employees
Customers

Correct:
Top Management
Other Supervisors
Employees
Customers

Give Descriptions To:
Top Management
Other Supervisors
Employees
Customers

Give Directions To:
Top Management
Other Supervisors
Employees
Customers

Give Explanations To:
Top Management
Other Supervisors
Employees
Customers

AS A SUPERVISOR I AM EFFECTIVE WHEN I:

Does Not Apply
Almost All The Time
Most Of The Time
Some Of The Time
None Of The Time

Give My Opinions To:
Top Management
Other Supervisors
Employees
Customers

Give Instructions To:
Top Management
Other Supervisors
Employees
Customers

Give Orders To:
Top Management
Other Supervisors
Employees
Customers

Give Proposals To:
Top Management
Other Supervisors
Employees
Customers

Give Recommendations To:
Top Management
Other Supervisors
Employees
Customers

Scold:
Top Management
Other Supervisors
Employees
Customers

Sell/Persuade:
Top Management
Other Supervisors
Employees
Customers

Give Suggestions To:
Top Management
Other Supervisors
Employees
Customers

Reprimand:
Top Management
Other Supervisors
Employees
Customers

You have now completed our Occupational Communications Skills Analysis. Please summarize your beliefs about communications on your job by answering the following questions.

Which three ways of communication do you use most frequently? _____

Which three ways of communicating are most effective for you? _____

Which three ways of communicating need to be better taught to employees prior to their employment? _____

Which three ways of communicating need to be better taught to supervisors prior to their employment as supervisors? _____

We would appreciate your comments about our Occupational Communications Skills Analysis _____

"EMPLOYEE SEND"

	(S)	(E)	(C)
	SUPERVISORS	EMPLOYEES	CUSTOMERS
A	I WRITE REPORTS		
B	I WRITE LETTERS		
C	I WRITE BULLETINS		
D	I WRITE MEMOS		
E	I WRITE NOTES		
F	I WRITE WORK ORDERS		
G	I WRITE FORMS		
H	I MAKE UP CHARTS, GRAPHS		
I	I GIVE DEMONSTRATIONS		
J	I TALK ON TELEPHONE		
K	I CALL ON RADIO		
L	I TALK FACE-TO-FACE WITH ONE PERSON		
M	I TALK TO A GROUP (2-5)		

"AS AN EMPLOYEE WHILE COMMUNICATING
WITH SUPERVISORS"

Send:

	(1)	(2)	(3)
(1) GIVE ADVICE	_____	_____	_____
(2) ASK QUESTIONS	_____	_____	_____
(3) GIVE ASSURANCE	_____	_____	_____
(4) SHOW APPRECIATION	_____	_____	_____
(5) GIVE COMPLIMENT	_____	_____	_____
(6) CORRECT	_____	_____	_____
(7) GIVE DESCRIPTIONS	_____	_____	_____
(8) GIVE DIRECTIONS	_____	_____	_____
(9) GIVE EXPLANATIONS	_____	_____	_____
(10) GIVE OPINION	_____	_____	_____
(11) GIVE INSTRUCTIONS	_____	_____	_____
(12) GIVE ORDERS	_____	_____	_____
(13) GIVE PROPOSALS	_____	_____	_____
(14) GIVE RECOMMENDATIONS	_____	_____	_____
(15) SCOLD	_____	_____	_____
(16) SELL/PERSUADE	_____	_____	_____
(17) GIVE SUGGESTIONS	_____	_____	_____
(18) GIVE REPRIMAND	_____	_____	_____

292A

292B

"AS AN EMPLOYEE WHILE COMMUNICATING
WITH EMPLOYEES"

Send:

- | | (1) | (2) | (3) |
|---------------------------|-------|-------|-------|
| (1) GIVE ADVICE | _____ | _____ | _____ |
| (2) ASK QUESTIONS | _____ | _____ | _____ |
| (3) GIVE ASSURANCE | _____ | _____ | _____ |
| (4) SHOW APPRECIATION | _____ | _____ | _____ |
| (5) GIVE COMPLIMENT | _____ | _____ | _____ |
| (6) CORRECT | _____ | _____ | _____ |
| (7) GIVE DESCRIPTIONS | _____ | _____ | _____ |
| (8) GIVE DIRECTIONS | _____ | _____ | _____ |
| (9) GIVE EXPLANATIONS | _____ | _____ | _____ |
| (10) GIVE OPINION | _____ | _____ | _____ |
| (11) GIVE INSTRUCTIONS | _____ | _____ | _____ |
| (12) GIVE ORDERS | _____ | _____ | _____ |
| (13) GIVE PROPOSALS | _____ | _____ | _____ |
| (14) GIVE RECOMMENDATIONS | _____ | _____ | _____ |
| (15) SCOLD | _____ | _____ | _____ |
| (16) SELL/PERSUADE | _____ | _____ | _____ |
| (17) GIVE SUGGESTIONS | _____ | _____ | _____ |
| (18) GIVE REPRIMAND | _____ | _____ | _____ |

293B

293A

"AS AN EMPLOYEE WHILE COMMUNICATING
WITH CUSTOMERS"

Send:

	(1)	(2)	(3)
(1) GIVE ADVICE	_____	_____	_____
(2) ASK QUESTIONS	_____	_____	_____
(3) GIVE ASSURANCE	_____	_____	_____
(4) SHOW APPRECIATION	_____	_____	_____
(5) GIVE COMPLIMENT	_____	_____	_____
(6) CORRECT	_____	_____	_____
(7) GIVE DESCRIPTIONS	_____	_____	_____
(8) GIVE DIRECTIONS	_____	_____	_____
(9) GIVE EXPLANATIONS	_____	_____	_____
(10) GIVE OPINION	_____	_____	_____
(11) GIVE INSTRUCTIONS	_____	_____	_____
(12) GIVE ORDERS	_____	_____	_____
(13) GIVE PROPOSALS	_____	_____	_____
(14) GIVE RECOMMENDATIONS	_____	_____	_____
(15) SCOLD	_____	_____	_____
(16) SELL/PERSUADE	_____	_____	_____
(17) GIVE SUGGESTIONS	_____	_____	_____
(18) GIVE REPRIMAND	_____	_____	_____

APPENDIX C
PAGE 4 OF 8

294B

Number 5

"EMPLOYEE RECEIVE"

(S) (E) (C)

SUPERVISORS EMPLOYEES CUSTOMERS

A	I RECEIVE REPORTS		
B	I RECEIVE LETTERS		
C	I RECEIVE BULLETINS		
D	I RECEIVE MEMOS		
E	I RECEIVE NOTES		
F	I RECEIVE WORK ORDERS		
G	I RECEIVE FORMS		
H	I RECEIVE CHARTS, GRAPHS		
I	I AM GIVEN DEMONSTRATIONS		
J	I RECEIVE TELEPHONE CALLS		
K	I RECEIVE RADIO CALLS		
L	I LISTEN TO ONE PERSON FACE-TO-FACE		
M	I LISTEN TO A GROUP (2-5)		

295-B
APPENDIX C
PAGE 5 OF 8

Number 6

"AS AN EMPLOYEE WHILE COMMUNICATING
WITH SUPERVISORS"

APPENDIX C
PAGE 6 OF 8

Receive:

		(1)	(2)	(3)
(1)	RECEIVE ADVICE	_____	_____	_____
(2)	AM ASKED QUESTIONS	_____	_____	_____
(3)	RECEIVE ASSURANCE	_____	_____	_____
(4)	RECEIVE APPRECIATION	_____	_____	_____
(5)	RECEIVE COMPLIMENT	_____	_____	_____
(6)	RECEIVE CORRECTIONS	_____	_____	_____
(7)	RECEIVE DESCRIPTIONS	_____	_____	_____
(8)	RECEIVE DIRECTIONS	_____	_____	_____
(9)	RECEIVE EXPLANATIONS	_____	_____	_____
(10)	RECEIVE OPINIONS	_____	_____	_____
(11)	RECEIVE INSTRUCTIONS	_____	_____	_____
(12)	RECEIVE ORDERS	_____	_____	_____
(13)	RECEIVE PROPOSALS	_____	_____	_____
(14)	RECEIVE RECOMMENDATIONS	_____	_____	_____
(15)	AM SCOLDED	_____	_____	_____
(16)	AM SOLD/PERSUADED	_____	_____	_____
(17)	RECEIVE SUGGESTIONS	_____	_____	_____
(18)	RECEIVE REPRIMAND	_____	_____	_____

296 B

"AS AN EMPLOYEE WHILE COMMUNICATING
WITH EMPLOYEES"

Receive:

		(1)	(2)	(3)
(1)	RECEIVE ADVICE	_____	_____	_____
(2)	AM ASKED QUESTIONS	_____	_____	_____
(3)	RECEIVE ASSURANCE	_____	_____	_____
(4)	RECEIVE APPRECIATION	_____	_____	_____
(5)	RECEIVE COMPLIMENT	_____	_____	_____
(6)	RECEIVE CORRECTIONS	_____	_____	_____
(7)	RECEIVE DESCRIPTIONS	_____	_____	_____
(8)	RECEIVE DIRECTIONS	_____	_____	_____
(9)	RECEIVE EXPLANATIONS	_____	_____	_____
(10)	RECEIVE OPINIONS	_____	_____	_____
(11)	RECEIVE INSTRUCTIONS	_____	_____	_____
(12)	RECEIVE ORDERS	_____	_____	_____
(13)	RECEIVE PROPOSALS	_____	_____	_____
(14)	RECEIVE RECOMMENDATIONS	_____	_____	_____
(15)	AM SCOLDED	_____	_____	_____
(16)	AM SOLD/PERSUADED	_____	_____	_____
(17)	RECEIVE SUGGESTIONS	_____	_____	_____
(18)	RECEIVE REPRIMAND	_____	_____	_____

297A

297B

"AS AN EMPLOYEE WHILE COMMUNICATING
WITH CUSTOMERS"

Receive:

		(1)	(2)	(3)
(1)	RECEIVE ADVICE	_____	_____	_____
(2)	AM ASKED QUESTIONS	_____	_____	_____
(3)	RECEIVE ASSURANCE	_____	_____	_____
(4)	RECEIVE APPRECIATION	_____	_____	_____
(5)	RECEIVE COMPLIMENT	_____	_____	_____
(6)	RECEIVE CORRECTIONS	_____	_____	_____
(7)	RECEIVE DESCRIPTIONS	_____	_____	_____
(8)	RECEIVE DIRECTIONS	_____	_____	_____
(9)	RECEIVE EXPLANATIONS	_____	_____	_____
(10)	RECEIVE OPINIONS	_____	_____	_____
(11)	RECEIVE INSTRUCTIONS	_____	_____	_____
(12)	RECEIVE ORDERS	_____	_____	_____
(13)	RECEIVE PROPOSALS	_____	_____	_____
(14)	RECEIVE RECOMMENDATIONS	_____	_____	_____
(15)	AM SCOLDED	_____	_____	_____
(16)	AM SOLD/PERSUADED	_____	_____	_____
(17)	RECEIVE SUGGESTIONS	_____	_____	_____
(18)	RECEIVE REPRIMAND	_____	_____	_____

298B

298A

"SUPERVISOR SEND"

	(T) TOP MANAGEMENT	(S) SUPERVISORS	(E) EMPLOYEES	(C) CUSTOMERS
A	I SEND REPORTS			
B	I SEND BULLETINS			
C	I SEND MEMOS			
D	I SEND NOTES			
E	I SEND WORK ORDERS			
F	I SEND FORMS			
G	I SEND CHARTS, GRAPHS			
H	I GIVE DEMONSTRATIONS			
I	I TALK ON TELEPHONE			
J	I CALL ON RADIO			
K	I TALK FACE-TO-FACE WITH ONE PERSON			
L	I TALK TO A GROUP (2-5)			

"AS A SUPERVISOR WHILE COMMUNICATING
WITH TOP MANAGEMENT"

Send.

		(1)	(2)	(3)
(1)	GIVE ADVICE	_____	_____	_____
(2)	ASK QUESTIONS	_____	_____	_____
(3)	GIVE ASSURANCE	_____	_____	_____
(4)	SHOW APPRECIATION	_____	_____	_____
(5)	GIVE COMPLIMENT	_____	_____	_____
(6)	CORRECT	_____	_____	_____
(7)	GIVE DESCRIPTIONS	_____	_____	_____
(8)	GIVE DIRECTIONS	_____	_____	_____
(9)	GIVE EXPLANATIONS	_____	_____	_____
(10)	GIVE OPINION	_____	_____	_____
(11)	GIVE INSTRUCTIONS	_____	_____	_____
(12)	GIVE ORDERS	_____	_____	_____
(13)	GIVE PROPOSALS	_____	_____	_____
(14)	GIVE RECOMMENDATIONS	_____	_____	_____
(15)	SCOLD	_____	_____	_____
(16)	SELL/PERSUADE	_____	_____	_____
(17)	GIVE SUGGESTIONS	_____	_____	_____
(18)	GIVE REPRIMAND	_____	_____	_____

301B

301A

"AS A SUPERVISOR WHILE COMMUNICATING
WITH SUPERVISORS"

Send:

		(1)	(2)	(3)
(1)	GIVE ADVICE	_____	_____	_____
(2)	ASK QUESTIONS	_____	_____	_____
(3)	GIVE ASSURANCE	_____	_____	_____
(4)	SHOW APPRECIATION	_____	_____	_____
(5)	GIVE COMPLIMENT	_____	_____	_____
(6)	CORRECT	_____	_____	_____
(7)	GIVE DESCRIPTIONS	_____	_____	_____
(8)	GIVE DIRECTIONS	_____	_____	_____
(9)	GIVE EXPLANATIONS	_____	_____	_____
(10)	GIVE OPINION	_____	_____	_____
(11)	GIVE INSTRUCTIONS	_____	_____	_____
(12)	GIVE ORDERS	_____	_____	_____
(13)	GIVE PROPOSALS	_____	_____	_____
(14)	GIVE RECOMMENDATIONS	_____	_____	_____
(15)	SCOLD	_____	_____	_____
(16)	SELL/PERSUADE	_____	_____	_____
(17)	GIVE SUGGESTIONS	_____	_____	_____
(18)	GIVE REPRIMAND	_____	_____	_____

3020

302 A

AS A SUPERVISOR WHILE COMMUNICATING WITH EMPLOYEES"

Send:

- | | (1) | (2) | (3) |
|---------------------------|-------|-------|-------|
| (1) GIVE ADVICE | _____ | _____ | _____ |
| (2) ASK QUESTIONS | _____ | _____ | _____ |
| (3) GIVE ASSURANCE | _____ | _____ | _____ |
| (4) SHOW APPRECIATION | _____ | _____ | _____ |
| (5) GIVE COMPLIMENT | _____ | _____ | _____ |
| (6) CORRECT | _____ | _____ | _____ |
| (7) GIVE DESCRIPTIONS | _____ | _____ | _____ |
| (8) GIVE DIRECTIONS | _____ | _____ | _____ |
| (9) GIVE EXPLANATIONS | _____ | _____ | _____ |
| (10) GIVE OPINION | _____ | _____ | _____ |
| (11) GIVE INSTRUCTIONS | _____ | _____ | _____ |
| (12) GIVE ORDERS | _____ | _____ | _____ |
| (13) GIVE PROPOSALS | _____ | _____ | _____ |
| (14) GIVE RECOMMENDATIONS | _____ | _____ | _____ |
| (15) SCOLD | _____ | _____ | _____ |
| (16) SELL/PERSUADE | _____ | _____ | _____ |
| (17) GIVE SUGGESTIONS | _____ | _____ | _____ |
| (18) GIVE REPRIMAND | _____ | _____ | _____ |

303B

3034

"AS A SUPERVISOR WHILE COMMUNICATING
WITH CUSTOMERS"

Send:

	(1)	(2)	(3)
(1) GIVE ADVICE	_____	_____	_____
(2) ASK QUESTIONS	_____	_____	_____
(3) GIVE ASSURANCE	_____	_____	_____
(4) SHOW APPRECIATION	_____	_____	_____
(5) GIVE COMPLIMENT	_____	_____	_____
(6) CORRECT	_____	_____	_____
(7) GIVE DESCRIPTIONS	_____	_____	_____
(8) GIVE DIRECTIONS	_____	_____	_____
(9) GIVE EXPLANATIONS	_____	_____	_____
(10) GIVE OPINION	_____	_____	_____
(11) GIVE INSTRUCTIONS	_____	_____	_____
(12) GIVE ORDERS	_____	_____	_____
(13) GIVE PROPOSALS	_____	_____	_____
(14) GIVE RECOMMENDATIONS	_____	_____	_____
(15) SCOLD	_____	_____	_____
(16) SELL/PERSUADE	_____	_____	_____
(17) GIVE SUGGESTIONS	_____	_____	_____
(18) GIVE REPRIMAND	_____	_____	_____

304A

304B

"SUPERVISOR RECEIVE"

		(T) TOP MANAGEMENT	(S) SUPERVISORS	(E) EMPLOYEES	(C) CUSTOMERS
A	I RECEIVE REPORTS				
B	I RECEIVE LETTERS				
C	I RECEIVE BULLETINS				
D	I RECEIVE MEMOS				
E	I RECEIVE NOTES				
F	I RECEIVE WORK ORDERS				
G	I RECEIVE FORMS				
H	I RECEIVE CHARTS, GRAPHS				
I	I AM GIVEN DEMONSTRATIONS				
J	I RECEIVE TELEPHONE CALLS				
K	I RECEIVE RADIO CALLS				
L	I LISTEN TO ONE PERSON FACE-TO-FACE				
M	I LISTEN TO A GROUP (2-5)				

AS A SUPERVISOR WHILE COMMUNICATING
WITH TOP MANAGEMENT"

Receive:

	(1)	(2)	(3)
(1) RECEIVE ADVICE	_____	_____	_____
(2) AM ASKED QUESTIONS	_____	_____	_____
(3) RECEIVE ASSURANCE	_____	_____	_____
(4) RECEIVE APPRECIATION	_____	_____	_____
(5) RECEIVE COMPLIMENT	_____	_____	_____
(6) RECEIVE CORRECTIONS	_____	_____	_____
(7) RECEIVE DESCRIPTIONS	_____	_____	_____
(8) RECEIVE DIRECTIONS	_____	_____	_____
(9) RECEIVE EXPLANATIONS	_____	_____	_____
(10) RECEIVE OPINIONS	_____	_____	_____
(11) RECEIVE INSTRUCTIONS	_____	_____	_____
(12) RECEIVE ORDERS	_____	_____	_____
(13) RECEIVE PROPOSALS	_____	_____	_____
(14) RECEIVE RECOMMENDATIONS	_____	_____	_____
(15) AM SCOLDED	_____	_____	_____
(16) AM SOLD/PERSUADED	_____	_____	_____
(17) RECEIVE SUGGESTIONS	_____	_____	_____
(18) RECEIVE REPRIMAND	_____	_____	_____

307 B

"AS A SUPERVISOR WHILE COMMUNICATING
WITH SUPERVISORS"

Receive:

	(1)	(2)	(3)
(1) RECEIVE ADVICE	_____	_____	_____
(2) AM ASKED QUESTIONS	_____	_____	_____
(3) RECEIVE ASSURANCE	_____	_____	_____
(4) RECEIVE APPRECIATION	_____	_____	_____
(5) RECEIVE COMPLIMENT	_____	_____	_____
(6) RECEIVE CORRECTION	_____	_____	_____
(7) RECEIVE DESCRIPTIONS	_____	_____	_____
(8) RECEIVE DIRECTIONS	_____	_____	_____
(9) RECEIVE EXPLANATIONS	_____	_____	_____
(10) RECEIVE OPINIONS	_____	_____	_____
(11) RECEIVE INSTRUCTIONS	_____	_____	_____
(12) RECEIVE ORDERS	_____	_____	_____
(13) RECEIVE PROPOSALS	_____	_____	_____
(14) RECEIVE RECOMMENDATIONS	_____	_____	_____
(15) AM SCOLDED	_____	_____	_____
(16) AM SOLD/PERSUADED	_____	_____	_____
(17) RECEIVE SUGGESTIONS	_____	_____	_____
(18) RECEIVE REPRIMAND	_____	_____	_____

308B

"AS A SUPERVISOR WHILE COMMUNICATING
WITH EMPLOYEES"

Receive:

	(1)	(2)	(3)
(1) RECEIVE ADVICE	_____	_____	_____
(2) AM ASKED QUESTIONS	_____	_____	_____
(3) RECEIVE ASSURANCE	_____	_____	_____
(4) RECEIVE APPRECIATION	_____	_____	_____
(5) RECEIVE COMPLIMENT	_____	_____	_____
(6) RECEIVE CORRECTION	_____	_____	_____
(7) RECEIVE DESCRIPTION	_____	_____	_____
(8) RECEIVE DIRECTIONS	_____	_____	_____
(9) RECEIVE EXPLANATION	_____	_____	_____
(10) RECEIVE OPINIONS	_____	_____	_____
(11) RECEIVE INSTRUCTIONS	_____	_____	_____
(12) RECEIVE ORDERS	_____	_____	_____
(13) RECEIVE PROPOSALS	_____	_____	_____
(14) RECEIVE RECOMMENDATIONS	_____	_____	_____
(15) AM SCOLDED	_____	_____	_____
(16) AM SOLD/PERSUADED	_____	_____	_____
(17) RECEIVE SUGGESTIONS	_____	_____	_____
(18) RECEIVE REPRIMAND	_____	_____	_____

309A

309B

"AS A SUPERVISOR WHILE COMMUNICATING
WITH CUSTOMERS"

Receive:

	(1)	(2)	(3)
(1) RECEIVE ADVICE	_____	_____	_____
(2) AM ASKED QUESTIONS	_____	_____	_____
(3) RECEIVE ASSURANCE	_____	_____	_____
(4) RECEIVE APPRECIATION	_____	_____	_____
(5) RECEIVE COMPLIMENT	_____	_____	_____
(6) RECEIVE CORRECTION	_____	_____	_____
(7) RECEIVE DESCRIPTIONS	_____	_____	_____
(8) RECEIVE DIRECTIONS	_____	_____	_____
(9) RECEIVE EXPLANATIONS	_____	_____	_____
(10) RECEIVE OPINIONS	_____	_____	_____
(11) RECEIVE INSTRUCTIONS	_____	_____	_____
(12) RECEIVE ORDERS	_____	_____	_____
(13) RECEIVE PROPOSALS	_____	_____	_____
(14) RECEIVE RECOMMENDATIONS	_____	_____	_____
(15) AM SCOLDED	_____	_____	_____
(16) AM SOLD/PERSUADED	_____	_____	_____
(17) RECEIVE SUGGESTIONS	_____	_____	_____
(18) RECEIVE REPRIMAND	_____	_____	_____

310B

310A

SUMMARY

You have now completed our Occupational Communications Skills Analysis. Please summarize your beliefs about communications on your job answering the following questions.

Which three ways of communication do you use most frequently? _____

Which three ways of communicating are most effective for you? _____

Which three ways of communicating need to be better taught to employees prior to their employment? _____

Which three ways of communicating need to be better taught to supervisors prior to their employment as supervisors? _____

We would appreciate your comments about our Occupational Communications Skills Analysis _____

COMMUNICATIONS SKILLS ANALYSIS

Group _____	Name _____
Firm Name _____	Position With Firm _____
Address _____	No. Of Yrs. In Current Position _____
_____	No. Of Yrs. With This Firm _____
Phone _____	No. Of Yrs. With This Type Of Firm _____
How Many Employees In Firm _____	Years Of Schooling _____
How Many Supervisors In Firm _____	How Many Employees Do You Supervise _____

Which three ways of communication do you use most frequently? _____

Which three ways of communicating are most effective for you? _____

Which three ways of communicating need to be better taught to employees prior to their employment? _____

Which three ways of communicating need to be better taught to supervisors prior to their employment as supervisors? _____

We would appreciate your comments about our Occupational Skills Analysis _____

CE C10 057

(F)

(E)

(E)

(S)

A
B
C
D
E
F
G
H
I
J
K
L
M

"MINI-QUESTIONNAIRE"	<u>USED MOST FREQUENTLY</u>	<u>MOST EFFECTIVE FOR YOU</u>	<u>SHOULD BE BETTER TAUGHT TO EMPLOYEES</u>	<u>SHOULD BE BETTER TAUGHT TO SUPERVISORS</u>
REPORTS				
LETTERS				
BULLETINS				
MEMOS				
NOTES				
WORK ORDERS				
FORMS				
CHARTS/GRAPHS				
DEMONSTRATION				
TELEPHONE				
RADIO/INTERCOM				
ONE TO ONE				
GROUP (2-5)				

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APPENDIX E
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