A product of the Project on Vocational Education Models for Linking Agencies Serving the Handicapped, this status report consists of group consenses and individual response worksheets pertaining to the status of linkages among agencies serving handicapped vocational students. (The above-mentioned project is designed to help the states meet the needs of students at the secondary, postsecondary, and adult levels by examining those components of interagency linkages that are necessary to ensure accessibility and delivery of supportive services to handicapped people in vocational education.) Discussed in an overview of the project are its goals and major activities and accomplishments (state participation, advisory committee input, model state selection, and the model plan goal). In a summary of the group consensus at project-sponsored state team meetings, various factors affecting and effecting linkages are covered, including administrative structure, staff positions, coordination concerns, advocacy and advisory groups, internal political issues, and legislative committees. Individual team member responses to worksheets concerning agency linkages are also summarized. (A related description of agencies and organizations and a handbook on developing effective linking strategies are available separately—see note.) (MN)
Vocational Education Models for Linking Agencies Serving the Handicapped

Status Report of Interagency Linkages at the State Level

Wisconsin Vocational Studies Center
University of Wisconsin-Madison
Status Report
of
Interagency Linkages at the State Level

Contract Number 300790671
Project Number 498AH80042

Vocational Education Models for Linking Agencies Serving the Handicapped

Project Director
Lloyd W. Tindall

Project Staff
Carol B. Crowley
Elizabeth Evans Getzel
John Gugerty

Wisconsin Vocational Studies Center
University of Wisconsin-Madison

Madison, Wisconsin
January, 1981

The research reported herein was performed pursuant to a contract with the U.S. Department of Education. 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 Department of Education position or policy.

U.S. Department of Education
Office of Vocational and Adult Education
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CHAPTER ONE - OVERVIEW

INTRODUCTION

The project on Vocational Education Models for Linking Agencies Serving the Handicapped is designed to assist the States to meet the vocational needs of students at the secondary, postsecondary and adult levels. The project is concerned with the components of interagency linkages which are necessary to ensure accessibility and delivery of supportive services to handicapped people in vocational education.

Effective cooperation between and among agencies at the state level is somewhat difficult without federal cooperation. As a result of ongoing collaborative activities between the U.S. Office of Education and the Rehabilitation Services Administration, a joint meeting of state directors of special education and vocational rehabilitation was held in late 1977. Based on the recommendations of this group, the Rehabilitation Services Administration and the U.S. Office of Education began to take a strong and active role in cooperative programming efforts. The Bureau of Occupational and Adult Education began an active leadership role in cooperation with the Bureau for the Education of the Handicapped. An OE/RSA Interagency Task Force was formed, which included agency personnel and representatives from the National Association of State Directors of Vocational Education, National Association of State Directors of Special Education, and Council for State Administrators of Vocational Rehabilitation. As a result, the Commissioner of Education published the following notice in the Federal Register on Monday, September 25, 1978 (Volume 43, Number 186):

An appropriate comprehensive vocational education will be available and accessible to every handicapped person.

A joint memorandum of information and understanding on interagency linking was sent out on November 21, 1978 under the signatures of the Commissioners of Education and Rehabilitation Services Administration. This was followed by a national workshop (February 1-2, 1979) addressing the need for a process model for establishing cooperative agreements to serve secondary school students.
The project on Vocational Education Models for Linking Agencies Serving the Handicapped is one of the next steps in the continuing development of interagency linkages. An additional aspect of this project is the inclusion of counseling and guidance, which is crucial at the local level for meeting the needs of handicapped students. Five major charges describe the purpose of this project:

1. To identify and describe federal programs, their relationships, and their responsibilities to the states for serving handicapped individuals.
2. To report on the present status of state-level agencies, interagency linkages and agreements, and their responsibilities for serving handicapped people.
3. To develop models for establishing cooperative agreements in at least three states.
4. To provide technical assistance to three states in implementing such models.
5. To develop and disseminate a resource manual and a handbook to appropriate state-level personnel.

Project staff have made considerable progress toward identifying the present status of linkages in the states. A review of project activities for the preceding nine months follows.

MAJOR ACTIVITIES AND ACCOMPLISHMENTS

At the beginning of the project five ex-officio consultants were selected by their respective Bureaus to work with project staff on identifying linkages at the federal level and to assist the project as needed. These consultants represented the following agencies: Bureau of Occupational and Adult Education, National Institute of Education, Rehabilitation Services Administration, Bureau of Education of the Handicapped and the Guidance and Counseling Branch of the Bureau of Elementary and Secondary Education. Organizational representatives were also provided by the Council of State Administrators of Vocational Rehabilitation, National Association of State Directors of Special Education, American Personnel and Guidance Association and the National Association of State Directors of Vocational Education.
One of the first tasks of the project staff was to make site visits to several federal agencies to identify formal and informal linkages which exist at that level. The individuals mentioned above helped in arranging interviews to collect this information. As a result of the site visits, a Resource Manual was developed in draft form for evaluation, and is currently being finalized.

State Participation

Each state, territory, and the District of Columbia was invited to participate in the project by conducting an interagency team meeting. The person representing vocational special needs in each state was asked to chair the meeting. Other agencies which were to participate included special education, counseling and guidance, and rehabilitation. This group of four team members (and others which states chose to include) met to complete a Linkage Worksheet Packet and to evaluate the draft of the Resource Manual. Thirty-five groups participated by holding local meetings. These Teams also provided project staff with materials and publications related to their interagency linkage activities. Copies of the worksheets which were used to collect information on existing state interagency linkages can be found in Appendix A. Chapters II and III summarize the information which was provided by the Teams.

Advisory Committee Input

The project Advisory Committee includes five ex-officio members representing the federal bureaus participating in the development of the project contract. Representatives from the national organizations mentioned above are members of the Committee, as are seventeen other persons from disciplines affected by linkages. A list of Advisory Committee members can be found in Appendix B.

This Committee represents a wealth of experience and expertise related to cooperative agreements. An Advisory Committee meeting was held in April, 1980 to tap this expertise. Members were asked for their input on issues related to federal, state and local linkages. They were also asked for feedback on the Resource Manual draft. Finally, they
reviewed the Technical Assistance Interest Checklists submitted by the three Model States. A summary of the Advisory Committee members' comments can be found in Appendix C.

Model State Selection

The project contract calls for the selection of at least three states to serve as models in developing linkage systems. Each Model State is to be responsible for designing a plan to enhance cooperation among agencies. Project staff are to provide technical assistance over a nine month period to implement the states' plans.

A description of the Model State component of the project was included as part of the worksheet packet used during the Team meetings. Teams were encouraged to complete the Technical Assistance Interest Checklist if they wished to participate as a Model State.

With the approval of the project officer, three states were selected to serve as Model States in the project. These states are Maryland, New Jersey, and Virginia. The team leader of each of the three states is listed below:

Ruth Brown
Specialist in Programs and Services for Special Needs Students
Maryland State Department of Education
Division of Vocational-Technical Education
200 W. Baltimore Street
Baltimore, MD 21201

John Wanat
Director, Bureau of Special Programs
New Jersey State Department of Vocational Education
225 W. State Street
Trenton, NJ 08625

Vance Horne
Supervisor
Disadvantaged and Handicapped Projects
State Department of Education
P.O. Box 60
Richmond, VA 23216
Model Plan Goal

The ultimate goal of the Model State's plans is to meet the vocational education needs of handicapped students. The linking of agencies is not the project's main objective; it is only one of the means recommended to help state agencies reach the ultimate goal without duplication of services.
INTRODUCTION

During the state team meetings mentioned in Chapter One, participants were asked to respond to five worksheets. Worksheets I and V were designed for individual reactions; Worksheets II, III and IV for group consensus. Those Teams interested in participating further with the project as Model States were asked to complete an additional worksheet, the "Technical Assistance Interest Checklist".

Project staff mailed packets to be used during the Team meetings to 50 states, 6 territories and to the District of Columbia. The packets contained detailed instructions, copies of the five worksheets and the checklist. A list of materials which the states could send to the staff as resources on current linkage agreements was also included. Thirty-five of the 57 Teams returned worksheets and/or linkage agreement materials. Thirty-four states completed one or more of the five worksheets, with 23 Teams completing all of the worksheets contained in the packet.

Where possible, project staff used all the worksheets returned by the 34 Teams. A few worksheets could not be used because they were only partially completed. One Team attached a note explaining that their failure to complete a particular worksheet was due to an inability to reach a group consensus. Other Teams noted that, having recently initiated linkage agreements, they were not yet able to draw conclusions on the impact these agreements would have in their states.

This chapter focuses on those responses which were gained through group collaboration, discussion and consensus. In order to obtain a sense of the overall status of linkage activities throughout the nation, project staff have compiled the responses on the group consensus worksheets and have summarized their content below.
WORKSHEET II

On Worksheet II, Team members were asked to rank eight factors. By assigning the number one (1) to the factor most affected through eight (8) to the factor least affected, Teams indicated the relative impact they felt each factor has on the success of linkage efforts. Twenty-nine Teams returned usable copies of their consensus on Worksheet II.

As indicated on Chart A, the ranks given each factor by each Team were added together. These sums were then ordered from smallest to largest to show rank order reflecting the judgments of all of the participating Teams. The summed rank order is as follows:

1) Mutual needs
2) Similar goals
3) Service populations
4) Mandates
5) Complimentary resources
6) Fiscal conservation
7) Service accountability
8) Locality

The Friedman test was used to determine the reliability of the ranking, and a significance level was established at α = .05. The overall Friedman test statistic of 16.01 was significant, p < .05. Friedman post-hoc confidence intervals were significant (p < .05) for ranks 1 and 7; 1 and 8; 8 and 2; 8 and 3; 8 and 4; and 8 and 5.

It is interesting to note that "Mutual Needs" was ranked as the most important factor overall. This may indicate a growing recognition of the value of linkage agreements in contending with such issues as budget constraints, increased client loads, and new rules and regulations.

There seemed to be the strongest agreement among State Teams that "Locality" is the least important factor in providing impetus for linkages. The Friedman post-hoc tests results show a significant difference between the ranks of items 1 through 5, and locality, item 8. Thus mutual needs, similar goals, service populations, mandates, and complimentary resources.

*Note: Thanks are extended to Jill K. Berry for her assistance in the statistical analysis of Worksheets II and IV.
### CHART A

**SUMMARY OF WORKSHEET II**

**STATE TEAMS’ RANKS FOR FACTORS HAVING IMPACT ON LINKAGE EFFORTS**

<table>
<thead>
<tr>
<th>State Team</th>
<th>Complimentary Resources</th>
<th>Fiscal Conservation</th>
<th>Locality</th>
<th>Mandates</th>
<th>Mutual Needs</th>
<th>Service</th>
<th>Service Accountability</th>
<th>Service Populations</th>
<th>Similar Goals</th>
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</tbody>
</table>

**TOTAL:**

| 131.0 | 143.5 | 206.5 | 110.5 | 74.0 | 161.0 | 108.5 | 102.0 |

**SUDDEN RANK:**

| 5 | 6 | 8 | 4 | 1 | 7 | 3 | 2 |
were all seen as relatively more essential factors in establishing cooperative agreements.

When reviewing these results, two explanations can be suggested. First, locality may not be considered critical when developing linkages since such concerns as the needs of clients and identification of appropriate services seem more pressing. However, research has shown (Tarrier, 1978; Baumheiner, 1976) that location is indeed an important factor in establishing and maintaining formal and informal linkages. This could indicate that locality may deserve greater emphasis by state leaders when developing programs on the local level.

Another interesting aspect of the results is the final rank of "Mandates". Twelve Teams chose mandates as their first or second ranked factor; Seven Teams selected "Mandates" as their seventh or eighth factor. This seemed to indicate a definite difference of opinion among the State Teams as to the impact that mandates have on implementing linkages.

Worksheet II allowed State Teams to specify an additional item if they wished. These items were not included in the summed ranking described above, and therefore are listed below:

- Desire to do something on the part of people
- Interagency development of delivery system of services of vocational education programs for handicapped
- Leadership and commitment
- High-level administrative support
- Personalities
- Fiscal
- Commitment
- Incentive funding

WORKSHEET III

Worksheet III asked open-ended questions about issues affecting linkage. The State Teams were asked to discuss these questions and arrive at a general consensus. Such concerns as what administrative structure best facilitates linkage, the merits of informal and formal agreements,
and the role of advocacy groups in the linkage process were raised. Project staff reviewed the responses made by the states and have developed summary statements. Below are listed these summarized responses by topic areas.

**Administrative Structure**

The State Teams' responses indicated that the administrative structure which best facilitates linkage is one in which the cooperating agencies meet together as equals. The Linkage organization should be open and flexible, have autonomy to make decisions, and meet in a convenient location.

**Staff Positions**

The states were questioned as to what staff positions in each agency were most critical for successful linkages. The responses to this question by the State Teams were divided. Several Teams believe that the participation of decision-makers who can commit resources is most critical. Other Teams commented that the direct service providers who would be implementing the linkage agreement are most essential.

**Formal and Informal Linkages**

The Teams responded to the question of the relative merits of formal and informal linkage agreements by generally stating that formal agreements are important in spelling out responsibilities of each agency, in establishing guidelines, and in ensuring greater continuity. All of these factors assist in implementing and evaluating the linkage agreement as well as setting additional policies and procedures. The Teams believe that informal agreements allow more flexibility for implementing linkage activities.

**Coordination Concerns Between Agencies**

In responding to the question about the effects of prior coordination attempts between programs, the Teams generally indicated that past
experiences which were positive could establish a good feeling about linkage efforts and build rapport for future cooperative agreements. The Teams responded that negative or ineffective linkage agreements usually hinder these efforts. Another issue mentioned by the Teams is the difficulty in implementing linkages when there are changes in administration.

Advocacy and/or Advisory Groups

The Teams responded with two differing approaches to the question about how advocacy and/or advisory groups can best be utilized. Some Teams believe the groups' main role is in developing linkages; other Teams think the organizations' most valuable roles are in implementing linkage agreements. The Teams agreed that advocacy and advisory groups are an important element in the linkage process. They can contribute information on consumer needs, act as a check to insure agreements are fulfilled, establish a good public image for cooperation, and lobby for further resources.

The Teams did, however, caution that advocacy and/or advisory groups may not be fully aware of laws and limitations on agencies. They may need education in these areas in order to more fully understand the role of each agency in the cooperative linkage agreement.

Internal "Political" Issues

When the states responded to the question of what internal political issues are affected by linkage efforts, they mentioned the following concerns most frequently:

a) Turfman ship
b) Autonomy of agencies
c) Mandates (State - Federal)
d) Elitism
e) Control of program

Other areas which were raised include work overloads on existing staff, confused loyalties, competition for funding, attitudes among agencies
cooperating, and clarity of job descriptions as duplication of effort is reduced through agreements.

**Role of Legislative Committees**

Overall the states did not see that approval by a legislative committee is essential to carrying out linkages. It would be necessary only if the linkage agreement required changes in existing legislation, or if the agreement called for joint funding or creation of a new position. If these matters did arise, the agency heads involved would handle such matters through appropriate board or agency channels.

**Advantages to Consumers from Linkage Activities**

Generally the Teams listed the following advantages for handicapped vocational education students which result from linkage activities:

a) Improved delivery of services,

b) Coordination of services at the local education agency level resulting in more appropriate training, counseling, and improvement in job placement,

c) Broader input to students' IEPs,

d) Better cooperation among agencies to expand consumer opportunities.

**Advantages to Direct Service Staff**

Linkage agreements result in advantages for direct service staff, in the opinion of the Teams. These advantages are listed below:

a) Better transition of students into other agencies,

b) Greater awareness of other agencies' roles, commitments, problems and solutions,

c) Less duplication of effort,

d) More specific job responsibilities,

e) More efficient use of funds,

f) Enhanced staff awareness concerning linkages,

g) Improved relationships among agencies.
Advantages to Administrative Staff

The Teams frequently mentioned the following advantages for administrators resulting from linkage activities:

a) Better communication among agencies
b) Less need for turf protection
c) Enhanced awareness of handicapped learners and of the resources available
d) Increased ability to meet State plan requirements
e) Greater awareness of policies, guidelines, and constraints of other agencies.

WORKSHEET IV

Worksheet IV dealt with several specific facets of vocational education for handicapped persons. Based on their general experiences with linkage activities in their state, Team members were asked to estimate whether linkages had a lesser or a greater effect on these facets. Their task was to assign a numerical rating between 1 and 5 to each item. A low number would denote a lesser degree of change effected by linkage activities, while a 4 or 5 would indicate a greater degree of change.

The outcomes of all the Team ratings can be seen on Chart B. It is interesting to note that 57.9% of the responses fell in rating levels 4 and 5, while only 12.7% of all responses fell into rating levels 1 and 2. A test was done to determine whether responses on each item were randomly distributed. Chi square analysis at the $\alpha = 0.01$ level was performed, suggesting that the items were not marked on a random basis. Together these facts seem to indicate that the participants saw linkage efforts as having a greater effect on these facets of vocational education for handicapped persons.

Chart B shows the numbers of Teams who selected each degree of effect for each facet. The number in each cell of the chart was multiplied by the degree of effect. A weighted score was obtained by adding the multiples from each cell.
### Chart B

**Summary of Worksheet IV**

**State Teams' Judgments on the Degree to Which Linkage Agreements Affect Various Facets of Vocational Education of Handicapped Persons**

<table>
<thead>
<tr>
<th>Facets of Vocational Education of Handicapped Persons</th>
<th>Degree of Effect</th>
<th>Weighted Rank Score</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Lesser Degree)</td>
<td>(Greater Degree)</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>a. Cost Effectiveness (benefits of cooperation outweigh costs of participating)</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>b. Domain Consensus</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>c. Recruitment</td>
<td>6</td>
<td>4</td>
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<tr>
<td>d. Admission</td>
<td>10</td>
<td>12</td>
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<tr>
<td>e. Least Restrictive Environment/ Mainstreaming</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>f. Vocational Assessment</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>g. Vocational Counseling</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>h. Vocational Training</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>i. Job Placement</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>j. Followup</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>k. Program Evaluation</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>l. Monitoring</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>m. Prevocational Programming</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>n. Vocational Programming</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>o. Work Sampling</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>p. On-the-job Training</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>q. Curriculum Modification and Development</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>r. Remedial and Support Services</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>s. Adapting Equipment and Providing Special Aids</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>t. Facility Accessibility</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>u. Communication with Community</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>14</td>
<td>52</td>
</tr>
</tbody>
</table>

Per Cent of Total

<table>
<thead>
<tr>
<th>a. Cost Effectiveness</th>
<th>2.6%</th>
</tr>
</thead>
<tbody>
<tr>
<td>b. Domain Consensus</td>
<td>9.5%</td>
</tr>
<tr>
<td>c. Recruitment</td>
<td>29.5%</td>
</tr>
<tr>
<td>d. Admission</td>
<td>50.9%</td>
</tr>
<tr>
<td>e. Least Restrictive Environment/Mainstreaming</td>
<td>7.5%</td>
</tr>
</tbody>
</table>
The facets were ranked according to their weighted scores. The list of the Teams' accumulative judgments about the degree to which each facet is affected by linkages can be seen below. Facets are listed from most to least affected:

1) Domain Consensus
2) Vocational Training
3) Communication with Community
4) Remedial and Support Services
5) Cost Effectiveness
5) Vocational Programming
7) Vocational Assessment
8) Vocational Counseling
9) Monitoring
9) Adapting Equipment and Providing Special Aids
11) Curriculum, Modification and Development
12) Job Placement
13) Least Restrictive Environment/Mainstreaming
15) Prevocational Programming
15) On-the-job Training
15) Facility Accessibility
17) Program Evaluation
18) Follow-up
19) Work Sampling
20) Recruitment
21) Admission

It is important to keep in mind that the Team members were asked to estimate the overall degree to which each facet was affected by linkages. Each facet was judged independently, not ranked relative to other facets. The authors have chosen to provide a weighted score for each, and list the facets according to these scores to illustrate what seemed to be some anomalous results.

It seems somewhat surprising that follow-up, recruitment, and admission were judged to be affected less by linkage agreements. It might be anticipated that these facets would be judged to be affected by linkage activities to a greater degree than the results suggest. On the other hand, the greater degree of change estimated in domain consensus and
communication with community is understandable in light of their importance in establishing and maintaining linkage agreements.

It could be inferred by the compiled responses from this worksheet that the Team members generally held a positive attitude toward linkages. The consensus of the Teams was that linkages had a greater rather than a lesser effect, overall, on vocational education for handicapped students.

TECHNICAL ASSISTANCE INTEREST CHECKLIST

Those Teams who were interested in becoming Model States were asked to complete a further survey instrument, the "Technical Assistance Interest Checklist". Copies of these checklists, along with other materials submitted by the states, were reviewed by the Project Advisory Committee during a two-day meeting. The Advisory Committee members were asked to analyze the materials submitted by the Model States. Their task was to identify strengths and areas of concern regarding each state’s linkage process. Given the limits of the information which could be gained from the analysis, both project staff and advisory members realized that the comments made after studying the materials could only serve as a starting point. It is interesting to note the variety of factors which the committee identified as having a positive effect on cooperation. A list of these identified strengths serves as an example of the variety of elements which can enhance linkage efforts. The lists of strengths for each Model State were combined, and the factors identified are listed below.

- Interagency linkages are supported at the level of the Governor's office.
- Articulation between secondary and post-secondary vocational education programs is implemented.
- Staff at all levels are informed of interagency linkages through written reports and inservices.
- The IEP and IWRP are developed with representation from more than one agency.
- The IEP specifies vocational education and support services the individual is to receive.
- All four agencies - vocational education, special education, counseling and guidance, and rehabilitation - support the linkage concept.
g) A task force on interagency linkages meets regularly.
h) Various levels of personnel are involved in the linkage process.
i) Linkage goals, objectives, and activities have been established.
j) An annual needs assessment is conducted.
k) Coordinated inservice is provided.
l) Team members are actively working on cooperative funding and on overcoming duplication of effort.
m) A task force on curriculum development is in operation.

In addition to identifying strengths, the Advisory Committee raised specific questions about each Model State. These questions reflected factors which might interfere with continuing linkage efforts, and thus may also be pertinent in other states. The project staff compiled the questions raised by the Committee, and summarized them below.

State Linkage Organization

a) Is there a need for a state-level task force or advisory committee on interagency linkages?
b) What is the purpose of the task force?
   Who is on the committee?
   How frequently does it meet?
   Is a formal agreement in operation?
   What are its broad goals and specific objectives?
c) What is the interaction between the state and local levels concerning local linkage developments?
d) How are needs assessment procedures managed?
e) How are linkage agreements monitored?
f) What is the Department of Labor and Commission of Corrections' commitment to the state linkage process?
g) Are there effective means to evaluate cost/benefit aspects of the linkage system?
h) What is being done to learn more about funding information, especially incompatibility of criteria among various agencies?
i) What percentage of funds are spent in vocational education for handicapped, other than set-aside monies?
j) Are allocations monitored to see if funds were used for intended purposes?
k) Would changes in certification requirements for professionals in vocational or special education enhance the training of handicapped students?

State and Local Level Linkages

a) How are services evaluated to eliminate duplication?
b) Have rehabilitation case closure policies been evaluated regarding their effect on special education and vocational education?
c) How is articulation between secondary and post-secondary levels managed?
d) Are vocational evaluation practices, procedures and qualifying criteria coordinated among major agencies?
e) Have coordinated intake procedures among agencies been developed? Are evaluation procedures coordinated?

Local Linkages

a) Who is responsible for the delivery of services to students/clients, and how is the service delivery system evaluated?
b) Has a student/client tracking system which solves confidentiality problems and uses existing data been developed?
c) Has a procedure for accounting for every person who leaves vocational special education been developed?
d) Are criteria for placing handicapped students in non-mainstream vocational programs coordinated? Is the process for moving students to the least restrictive environment coordinated?
e) Are all appropriate agencies involved in developing IEP and IWRP plans?

Civil Rights

a) Have vocational education, special education, and rehabilitation application guidelines for funds been reviewed to see if they are restrictive of handicapped persons (Title VI, Title IX, Section 504)?
b) Do linkage policies and practices aid in compliance with Office of Civil Rights guidelines?
c) How does each agency carry out civil rights provisions of Title VI, Title IX, and Section 504 in providing vocational education and supportive services?

Communication and Training

a) If there are certification requirements for professionals working with handicapped students in vocational education, can inservice training help teachers meet such requirements?

b) Are universities involved in the linkage process by assisting in inservice training?

c) How are staff members informed of policies, procedures, and services of other agencies?

d) Is a communication network with local practitioners, parents, and others in place?

It is believed that the answers to these questions may provide a useful overview of the status of current linkages in states throughout the nation. In addition, they will serve as the basis for planning technical assistance for the Model States.
REFERENCES


CHAPTER THREE - SUMMARY OF INDIVIDUAL RESPONSE WORKSHEETS

The previous chapter summarized the consensus of each team in responding to Worksheets II, III, and IV, and to the Technical Assistance Interest Checklist. In contrast, this chapter deals with the individual team members' responses to Worksheets I and V.

Ninety-four usable copies of each of these worksheets were returned and analyzed by project staff members. Given the open-ended nature of the questions, it was decided that a descriptive rather than a statistical approach be used to report on the information submitted. Thus, for Worksheet I, sample copies are included. Summaries of the team members' comments on Worksheet V are presented in the second half of this chapter.

WORKSHEET I

Each team member was asked to respond to Worksheet I by identifying a linkage agreement that has been established in his or her state, territory or district. Participants were asked to describe specifics of the agreements as they related to the topics on the worksheet.

Project staff received descriptions of a broad range of existing agreements, each designed to meet specific needs and objectives. Though many valuable agreements were returned, limited space dictated that only a few could be chosen as examples. Criteria were identified by project staff for selecting sample agreements. The six agreements selected for this chapter were chosen for their organizational level (i.e., state, regional, or local), geographic distribution, and the combination of agencies participating. The sample worksheets can be seen on pages 24 - 35.
WORKSHEET I - LINKAGE OVERVIEW

Name ___________________________ State ___________________________

Agency State Board of Vocational Education Position Supervisor, Vocational Guidance

Since cooperation can take many forms, it is necessary to obtain an overview of linkage agreements. The objective of Worksheet I is to identify the specific types of linkages that have been established in your State.

This worksheet is to be done by each team member individually. Please think of one linkage agreement with which you are familiar, and respond to the questions. If you wish, you may use additional worksheets to describe other linkage efforts.

Name of Linkage Activity Reported: Counseling Special Needs Students

Participating Agencies: Counseling and Special Needs

Date Initiated: September 1979 Level: Regional State Local X

Ongoing? yes If not, when completed?

WHAT SPECIFIC TYPES OF LINKAGE WERE ESTABLISHED IN THIS AGREEMENT?

<table>
<thead>
<tr>
<th>AREAS OF LINKAGE</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fiscal</td>
<td>Cooperative Budgeting</td>
<td>Utilizing counseling set-aside dollars from Subpart 3 and vocational special needs set-aside dollars to provide funds for personnel in the program.</td>
</tr>
<tr>
<td>2. Personnel</td>
<td>Cooperative Inservice Training Established Liaison Staff</td>
<td>The personnel in the program receive technical assistance from the state supervisor of guidance and the state supervisor of special needs.</td>
</tr>
<tr>
<td>3. Administrative</td>
<td>Interlocking Directives Formal Cooperative Agreement Uniform Policies</td>
<td>The project is administered jointly through the guidance office and the special needs office. Specific objectives have been established for the personnel in the program.</td>
</tr>
</tbody>
</table>
**WORKSHEET I - LINKAGE OVERVIEW**

<table>
<thead>
<tr>
<th>AREAS OF LINKAGE</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Planning/Programmatic</td>
<td>Coordinated Outreach</td>
<td>The objectives were developed by the supervisors in conjunction with the personnel.</td>
</tr>
<tr>
<td></td>
<td>Unified Tracking System</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joint IEP/IWRP Development</td>
<td></td>
</tr>
<tr>
<td>5. Communication</td>
<td>Joint Media Use Policies</td>
<td>The special needs project which includes the counselor as a part of it utilizes the media and referrals come from the directors.</td>
</tr>
<tr>
<td></td>
<td>Referral Procedures</td>
<td></td>
</tr>
<tr>
<td>6. Monitoring</td>
<td>Evaluation of Linkage Agreements</td>
<td>The program is monitored by the supervisor of guidance and supervisor of special needs.</td>
</tr>
<tr>
<td>7. Evaluation</td>
<td>Evaluation of Linkage Procedures</td>
<td>The program is evaluated by the supervisor of special needs and the supervisor of guidance.</td>
</tr>
<tr>
<td>8. Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**WORKSHEET I - LINKAGE OVERVIEW**

Name________________________ State____________________
Agency Department of Rehabilitative Services Position Program Coordination

Since cooperation can take many forms, it is necessary to obtain an overview of linkage agreements. The objective of Worksheet I is to identify the specific types of linkages that have been established in your State.

This worksheet is to be done by each team member individually. Please think of one linkage agreement with which you are familiar, and respond to the questions. If you wish, you may use additional worksheets to describe other linkage efforts.

Name of Linkage Activity Reported: Agreement between Dept. of Rehabilitation Services & Public Schools

Participating Agencies:

- WVSC
- UW-Madison
- 1-1-80

Date Initiated? 7-1-79 Level: Regional State Local Ongoing? since 1968 If not, when completed? started in 1968 but modified every year

**WHAT SPECIFIC TYPES OF LINKAGE WERE ESTABLISHED IN THIS AGREEMENT?**

<table>
<thead>
<tr>
<th>AREAS OF LINKAGE</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fiscal</td>
<td>Cooperative Budgeting</td>
<td>Joint staff paid by respective agency. School donates space, utilities and phone to rehabilitation at no cost.</td>
</tr>
<tr>
<td>2. Personnel</td>
<td>Cooperative Inservice Training</td>
<td>Staff is assigned by both agencies to work as a unit to serve handicapped kid in school.</td>
</tr>
<tr>
<td></td>
<td>Established Liaison Staff</td>
<td></td>
</tr>
<tr>
<td>3. Administrative</td>
<td>Interlocking Directives</td>
<td>Formal agreement. First line supervision by DRS with support and guidance from Director of Vocational Education.</td>
</tr>
<tr>
<td></td>
<td>Formal Cooperative Agreement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Uniform Policies</td>
<td></td>
</tr>
<tr>
<td>AREAS OF LINKAGE</td>
<td>EXAMPLES</td>
<td>SPECIFICS OF THIS AGREEMENT</td>
</tr>
<tr>
<td>------------------</td>
<td>----------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>4. Planning/Programmatic</td>
<td>Coordinated Outreach</td>
<td>Joint training with all schools and administration and sharing of diagnostic and evaluation information. Joint decision on training.</td>
</tr>
<tr>
<td></td>
<td>Unified Tracking System</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joint IEP/IWRP Development</td>
<td></td>
</tr>
<tr>
<td>5. Communication</td>
<td>Joint Media Use Policies</td>
<td>Joint TV and radio shows at time. Client stories in newspaper and agency memo.</td>
</tr>
<tr>
<td></td>
<td>Referral Procedures</td>
<td></td>
</tr>
<tr>
<td>6. Monitoring</td>
<td>Evaluation of Linkage Agreements</td>
<td>A representative from each agency does a mid year evaluation of progress of activities.</td>
</tr>
<tr>
<td>8. Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WORKSHEET I - LINKAGE OVERVIEW

AREAS OF LINKAGE

EXAMPLES

SPECIFICS OF THIS AGREEMENT
WORKSHEET I - LINKAGE OVERVIEW

Name ___________________________ State ___________________________

Agency Vocational Rehabilitation Position Director ________________

Since cooperation can take many forms, it is necessary to obtain an overview of linkage agreements. The objective of Worksheet I is to identify the specific types of linkages that have been established in your State.

This worksheet is to be done by each team member individually. Please think of one linkage agreement with which you are familiar, and respond to the questions. If you wish, you may use additional worksheets to describe other linkage efforts.

Name of Linkage Activity Reported: School Board - Vocational Rehabilitation Center

Participating Agencies: School Board - Vocational Rehabilitation

Date Initiated? 1960 Level: Regional State Local X

Ongoing? yes If not, when completed?

WHAT SPECIFIC TYPES OF LINKAGE WERE ESTABLISHED IN THIS AGREEMENT?

<table>
<thead>
<tr>
<th>AREAS OF LINKAGE</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
</table>
| 1. Fiscal        | Cooperative Budgeting  
|                  | Equipment purchase  
|                  | Supplies  
|                  | Building and Grounds. |
| 2. Personnel     | Cooperative Inservice  
|                  | Training  
|                  | Established Liaison Staff |
| 3. Administrative| Interlocking Directives  
|                  | Formal Cooperative Agreement  
|                  | Uniform Policies |

Individual budgeting costs by each person
Provided by Vocational Rehabilitation
Provided by Vocational Rehabilitation
Provided by School Board

Carried out by Vocational Rehabilitation staff including School Board staff as a mandated regular activity.
Agreements prepared cooperatively by agencies, i.e. Special Education Director and Program Specialists of Vocational Rehabilitation approved by Director.
Staff and faculty governed by same rules, regarding hours, etc. Cooperative agreement provides for management by Vocational Rehabilitation Facility Manager with daily activities planned by Manager.
<table>
<thead>
<tr>
<th>AREAS OF LINKAGE</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Planning/Programmatic</td>
<td>Coordinated Outreach</td>
<td>School board refers clientele; staffing committee accepts with attendance, grading reported by school board staff. Rehabilitation counselor prepares IWRP considering programs offered, IEP with Special Education person preparing this document in cooperation with the rehabilitation staff.</td>
</tr>
<tr>
<td></td>
<td>Unified Tracking System</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joint IEP/IWRP Development</td>
<td></td>
</tr>
<tr>
<td>5. Communication</td>
<td>Joint Media Use Policies</td>
<td>Under control of Facility Manager - in cooperative fashion, Referrals accepted by counselor from facility, school, or others, and rehabilitation case work prepared and follow-ups done by rehabilitation.</td>
</tr>
<tr>
<td></td>
<td>Referral Procedures</td>
<td></td>
</tr>
<tr>
<td>6. Monitoring</td>
<td>Evaluation of Linkage Agreements</td>
<td>Monitored by both agencies for success of program - changes made as need arises. Consideration of all portions involved valued in reorganization or changes.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Evaluation</td>
<td>Evaluation of Linkage Procedures</td>
<td>Review of products of facilities i.e.: able to pursue other training, ability to get jobs etc.</td>
</tr>
<tr>
<td>8. Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Since cooperation can take many forms, it is necessary to obtain an overview of linkage agreements. The objective of Worksheet I is to identify the specific types of linkages that have been established in your State.

This worksheet is to be done by each team member individually. Please think of one linkage agreement with which you are familiar, and respond to the questions. If you wish, you may use additional worksheets to describe other linkage efforts.

Name of Linkage Activity Reported: Career Counseling Institute for Severely Disabled Students
Date Initiated: January 1976
Level: Regional
State X
Local
Ongoing? yes/no If not, when completed? Two summers (two institutes/sw) 1976-1977; planned for 1980 (4 institutes using YETA Funds)

WHAT SPECIFIC TYPES OF LINKAGE WERE ESTABLISHED IN THIS AGREEMENT?

<table>
<thead>
<tr>
<th>AREAS OF LINKAGE</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fiscal</td>
<td>Cooperative Budgeting</td>
<td>Research and development monies of Vocational Rehabilitation funded most of the institutes; vocational education, special education, student support services; provided monies for staff, travel, planning.</td>
</tr>
<tr>
<td>2. Personnel</td>
<td>Cooperative Inservice Training Established Liaison Staff</td>
<td>Shared planning, implementing and evaluation, responsibilities between vocational rehabilitation, student-services; also established communications chains for identifying potential students.</td>
</tr>
<tr>
<td>3. Administrative</td>
<td>Interlocking Directives Formal Cooperative Agreement Uniform Policies</td>
<td>Major administrative rested with vocational rehabilitation; program planning was responsibility of student services.</td>
</tr>
</tbody>
</table>
### AREAS OF LINKAGE

<table>
<thead>
<tr>
<th>4. Planning/Programmatic</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coordinated Outreach</td>
<td></td>
<td>Several planning sessions were held to cooperatively plan summer institution activities, design staffing patterns and plan and conduct inservice of staff.</td>
</tr>
<tr>
<td>Unified Tracking System</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joint IEP/IWRP Development</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Co-ordination</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joint Media Use Policies</td>
<td></td>
<td>Used existing channels of communication but also provided for own communication of ideas, etc., among sponsoring groups coordinated release of information.</td>
</tr>
<tr>
<td>Referral Procedures</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6. Monitoring</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation of Linkage Agreements</td>
<td></td>
<td>Provided by project directors (vocational rehabilitation and student services) through close contact via memos, telephone, visits to field sites.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7. Evaluation</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation of Linkage Procedures</td>
<td></td>
<td>Evaluation was the responsibility of vocational rehabilitation in cooperation with student services. Extensive reports prepared by institute directors (vocational rehabilitation) and institute staff.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8. Other</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presentation by director/staff from vocational rehabilitation, student services, counselor</td>
<td></td>
<td>Dissemination efforts through APCA National Conference (Dallas) - State personnel and Guidance Association presentation, State newsletter, and state and local newspapers.</td>
</tr>
</tbody>
</table>
WORKSHEET I - LINKAGE OVERVIEW

Name ___________________________ State ___________________________
Agency Department of Public Instruction Position Special Needs Supervisor

Since cooperation can take many forms, it is necessary to obtain an overview of linkage agreements. The objective of Worksheet I is to identify the specific types of linkages that have been established in your State.

This worksheet is to be done by each team member individually. Please think of one linkage agreement with which you are familiar, and respond to the questions. If you wish, you may use additional worksheets to describe other linkage efforts.

Name of Linkage Activity Reported: Priorities Committee
Participating Agencies: Two divisions within Department of Public Instruction
Date Initiated? 1985 Level: Regional State X Local
Ongoing? yes If not, when completed?

WHAT SPECIFIC TYPES OF LINKAGE WERE ESTABLISHED IN THIS AGREEMENT?

<table>
<thead>
<tr>
<th>AREAS OF LINKAGE</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fiscal</td>
<td>Cooperative Budgeting, yes</td>
<td>All funding sources having an element which targets handicapped youngsters has a representative on this committee. All projects funded in the state are then reviewed by this committee if they serve handicapped students.</td>
</tr>
<tr>
<td>2. Personnel</td>
<td>Cooperative Inservice Training, Established Liaison Staff</td>
<td>As a result of committee representation the most logical source of funding is directed to meeting whatever goal has been established by a local education agency.</td>
</tr>
<tr>
<td>3. Administrative</td>
<td>Interlocking Directives, Formal Cooperative Agreement, Uniform Policies</td>
<td>Philosophy is that the Division for Handicapped Children is solely responsible for the provision of special education and supportive services. Other programs, such as vocational education, also have similar goals as a result of funding targeted to this objective.</td>
</tr>
</tbody>
</table>
### WORKSHEET I - LINKAGE OVERVIEW

<table>
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<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Planning/Programmatic</td>
<td>Coordinated Outreach</td>
<td>Here again, all program proposals having implications for serving handicapped youngsters are reviewed by this committee. The vocational education representative also reviews them regardless of funding source - SETS PRIORITIES FOR ALL SOURCES.</td>
</tr>
<tr>
<td></td>
<td>Unified Tracking System</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joint IEP/IWRP Development</td>
<td></td>
</tr>
<tr>
<td>5. Communication</td>
<td>Joint Media Use Policies</td>
<td>Monthly meetings</td>
</tr>
<tr>
<td></td>
<td>Referral Procedures</td>
<td></td>
</tr>
<tr>
<td>7. Evaluation</td>
<td>Evaluation of Linkage Procedures</td>
<td>No formal or outside evaluation conducted. Only evaluation would be informally initiated by supervisors of those serving on the committee.</td>
</tr>
<tr>
<td>8. Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Since cooperation can take many forms, it is necessary to obtain an overview of linkage agreements. The objective of Worksheet I is to identify the specific types of linkages that have been established in your State.

This worksheet is to be done by each team member individually. Please think of one linkage agreement with which you are familiar, and respond to the questions. If you wish, you may use additional worksheets to describe other linkage efforts.

Name of Linkage Activity Reported: Cooperative Agreement Between Special Ed., Voc. Ed., and Rehah. Services
Participating Agencies:

Date Initiated? October 1979
Level: Regional X State X Local Activities now going on
Ongoing? If not, when completed?

WHAT SPECIFIC TYPES OF LINKAGE WERE ESTABLISHED IN THIS AGREEMENT?

<table>
<thead>
<tr>
<th>AREAS OF LINKAGE</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fiscal</td>
<td>Cooperative Budgeting</td>
<td>Cooperative funding for workshops and cooperative funding for individual students.</td>
</tr>
<tr>
<td>2. Personnel</td>
<td>Cooperative Inservice Training Established Liaison Staff</td>
<td>1. State Office staff development and training. 2. District office personnel training.</td>
</tr>
<tr>
<td>3. Administrative</td>
<td>Interlocking Directives Formal Cooperative Agreement Uniform Policies</td>
<td>All instate regions have been encouraged to implement the activities of the agreement.</td>
</tr>
<tr>
<td>AREAS OF LINKAGE</td>
<td>EXAMPLES</td>
<td>SPECIFICS OF THIS AGREEMENT</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------------------------------</td>
<td>-------------------------------------------------</td>
</tr>
<tr>
<td>4. Planning/Programmatic</td>
<td>Coordinated Outreach</td>
<td>1. Outreach referrals are a part of the system.</td>
</tr>
<tr>
<td></td>
<td>Unified Tracking System</td>
<td>2. Team approach to services exemplifies unified tracking system.</td>
</tr>
<tr>
<td></td>
<td>Joint IEP/IWRP Development</td>
<td>3. Staff meetings in reference to IEP/IWRP are continuing.</td>
</tr>
<tr>
<td>5. Communication</td>
<td>Joint Media Use Policies</td>
<td>Joint communication through the centralized school news.</td>
</tr>
<tr>
<td></td>
<td>Referral Procedures</td>
<td></td>
</tr>
<tr>
<td>6. Monitoring</td>
<td>Evaluation of Linkage Agreements</td>
<td>All team members participate in evaluation linkage.</td>
</tr>
<tr>
<td>7. Evaluation</td>
<td>Evaluation of Linkage Procedures</td>
<td>Team members report on continuous progress of activities.</td>
</tr>
<tr>
<td>8. Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
WORKSHEET V

On Worksheet V, individual team members were asked to share their opinions regarding influences on linkages at the federal and local levels. They were asked to comment on several specific issues: legislation and regulations; organizational policy statements; funding; environment; interpersonal characteristics; and structural characteristics.

Ninety-four copies of Worksheet V were reviewed and a summary of the comments made by the team members was abstracted. These comments have been grouped by topic areas and then subdivided into those related to federal factors and those related to local. Within each topic, the comments which summarize facilitating and inhibiting factors at the federal level are reported first; local level factors follow.

Legislation/Regulations

Team members generally responded that federal legislation and regulations assist in establishing policies and procedures, and are helpful in coordinating services available to particular target populations. They also provide a framework for implementing programs, and offer guidelines which aid in resolving conflicts. Increased funding sources for program development and clarification of the population to be served were also noted as facilitating factors. Team members stated that federal involvement provides a means for publicity concerning efforts to serve particular populations and creates an impetus to develop linkages at the state and local level.

Participants believed there were some federal level factors which inhibit linkages. There was a general feeling that the language used in the regulations is vague, making it difficult to clarify and understand its intent. Team members commented that there are lengthy delays in the publication of guidelines for implementing legislation and in receiving funds for program development. The consensus of the respondents was that resistance to implementing linkages can develop because of a perceived lack of staff and monies to effectively build programs. Inconsistencies in the regulations pertaining to the agencies involved in
linkage agreements frequently result in confusion. Differences in service population definitions, regulations which create overlapping services among the agencies, and problems in accurately reporting who has been served all were cited as sources of difficulty.

Comments related to the impact of legislation and regulations on the local level were similar to those made about the federal level. However, team members generally stated that regulations and legislation can sometimes inhibit linkage development on the local level. Conflict between federal laws and local needs, lack of matching funds, and turf protection can result in a lack of commitment to linkage efforts locally.

Organizational Policy Statements

Federal organizational policy statements facilitate linkages in that they provide a framework which sets out guidelines, encourages joint planning, and serves as an example of how interagency agreements should be established. Team members also believed that such statements outline the roles and responsibilities of state-level administrators and assist in developing the State Plans.

The inhibiting factors which the team members pointed out centered around the feeling that federal policy statements were vague and fragmented, the terminology used was unclear and confusing, and that some policies issued conflicted with other policies in existence. Participants felt that implementing the intent of the policy statements sometimes is unrealistic, creates more paperwork, and does not always have administrative support. Some comments from the team members reflected a feeling that the policies create guidelines which are inflexible, making cooperative agreements more difficult to establish.

In general, team members responded in a similar fashion to local as they did to federal factors. They indicated that additional inhibiting factors at the local level included the conflict between federal policies and local practices, and a lack of funds and personnel to maintain linkages. Several respondents commented that local input might be helpful in establishing federal and state policies.
Funding

Funding facilitates linkage in that it provides incentives for expanding services and acts as a catalyst for developing agreements and accountability among agencies. The participants believed that a lack of funds enhances the need for linkages and aids in their development. Such factors as set-aside monies, categorical funding, and line-item budgeting were seen as facilitating the linkage process.

Team members reported that linkages are inhibited by delays in receiving funds. This can result in program difficulties because resources are late in being distributed to the state and the amount allocated is insufficient to cover costs. Other factors mentioned were the threat of losing funds once a program is developed; the red tape involved in receiving funds; and a lack of provisions for cooperative budgeting.

While the majority of local comments were in agreement with those made about federal factors, two local level issues related to funding were mentioned. Participants cited as facilitating factors the use of several sources of monies to provide matching funds, and the use of grants as seed money. Inhibiting factors were confusion and lack of guidance regarding cooperative budgeting, and the conflicts sometimes found between mandates and clients' needs for services.

Environment (Internal Resources, External Resources)

Participants generally responded that such factors as the close proximity of staff, availability of personnel for inservice training and the sharing of staff and office space can greatly enhance the linkage process. Other facilitating factors mentioned were effective coordination and communication among cooperating agencies, technical assistance from the federal level or through private organizations, and innovative program planning.

Team members commented further on environmental resources and how they affect linkage by listing inhibiting factors. Problems with maintaining a program due to personnel turnover, lack of federal support through funding and mandates and limited communication among cooperating agencies were mentioned. Difficulties among agencies in reaching an
agreement to share resources and the extensive amount of staff time needed to implement the agreement were also cited. Finally, the team members believed that organizational restructuring on the federal level, while it may result in an improved environment for linkages, raises questions about the status of standing agreements.

Team members generally held similar views of local environmental factors as they did of federal factors. They emphasized that establishing linkages at the local school level is facilitated by the presence of centralized authority and close proximity of educational staff. However, to be fully effective, linkage efforts must include rehabilitation personnel and provide training for all participants.

*Interpersonal Characteristics*

Team members outlined several interpersonal factors necessary for facilitating cooperative agreements. These include a strong network of communication and coordination among agencies, mutual respect for each agency's role, good working relationships among staff, and a clear delineation of staff responsibilities. One area frequently mentioned by the team members was the role that leadership plays in facilitating linkages. It was believed by the group that top administrators should provide strong leadership and set an example of the importance for cooperating by committing their time and effort to working on the linkage agreements. It was also mentioned that the leaders involved in the agreement should possess good negotiating skills and should be knowledgeable of the agencies' needs.

Interpersonal factors inhibiting linkages were cited by team members. Federal agency representatives who appear unaware of issues or who are unfamiliar with the needs of local level personnel are less instrumental in encouraging linkage development. Personality conflicts, lack of interest and commitment, or lack of flexibility can also interfere with establishing cooperative agreements. In addition, a federal representative whose job priorities do not focus on linkages, whose responsibilities are unclear, and who must function within a large bureaucracy may not be as effective as he or she would like. Finally, participants noted that frequent federal staff turnover has a negative impact on established informal relationships.
Participants stated that the necessary interpersonal characteristics for effective linkages on the local level are similar to those on the federal. They noted that personal acquaintance, community and consumer input, and informal relationships play a stronger role within a community setting than on the federal or state level.

**Structural Characteristics**

Such factors as physical proximity and similar administrative structure are important in facilitating linkages. Team members also noted that the presence of a single administrative body responsible for coordinating activities enhances cooperation. Several participants mentioned that the newly formed Department of Education, which houses both Rehabilitation and Education, will further linkage agreements. Team members believed that the lack of funds, differences in operational policies and priorities, and differences in administrative structures can inhibit cooperative agreements. Other issues raised were lack of leadership and protection of turf.

Commenting on the local level, respondents reiterated their views concerning structural characteristics of the federal level. In addition, they noted that the smaller size of local organizations renders linkage efforts more responsive to client concerns.
APPENDIX A

Worksheet Packet
Used During State Team Meetings
Since cooperation can take many forms, it is necessary to obtain an overview of linkage agreements. The objective of Worksheet I is to identify the specific types of linkages that have been established in your State.

This worksheet is to be done by each team member individually. Please think of one linkage agreement with which you are familiar, and respond to the questions. If you wish, you may use additional worksheets to describe other linkage efforts.

Name of Linkage Activity Reported: ____________________________

Participating Agencies: ____________________________

Date Initiated? __________ Level: Regional State Local __________

Ongoing? __________ If not, when completed? __________

<table>
<thead>
<tr>
<th>AREAS OF LINKAGE</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
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</thead>
<tbody>
<tr>
<td>1. Fiscal</td>
<td>Cooperative Budgeting</td>
<td></td>
</tr>
<tr>
<td>2. Personnel</td>
<td>Cooperative Inservice Training</td>
<td>Established Liaison Staff</td>
</tr>
<tr>
<td>3. Administrative</td>
<td>Interlocking Directives</td>
<td>Normal Cooperative Agreement Uniform Policies</td>
</tr>
</tbody>
</table>
## WORKSHEET I - LINKAGE OVERVIEW

<table>
<thead>
<tr>
<th>AREAS OF LINKAGE</th>
<th>EXAMPLES</th>
<th>SPECIFICS OF THIS AGREEMENT</th>
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<tbody>
<tr>
<td>4. Planning/Programmatic</td>
<td>Coordinated Outreach</td>
<td></td>
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<tr>
<td></td>
<td>Unified Tracking System</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joint IEP/IWRP Development</td>
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<tr>
<td>5. Communication</td>
<td>Joint Media Use Policies</td>
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<td></td>
<td>Referral Procedures</td>
<td></td>
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<tr>
<td>6. Monitoring</td>
<td>Evaluation of Linkage Agreements</td>
<td></td>
</tr>
<tr>
<td>7. Evaluation</td>
<td>Evaluation of Linkage Procedures</td>
<td></td>
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<tr>
<td>8. Other</td>
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</table>
This is a two-part activity. First, please complete this exercise individually. Based on your general experience with linkages, consider the following factors and rank those that provide impetus for successful linkage development. Consider only those variables which are applicable to your State. In ranking, use the number 1 for the factor you feel is most influential.

Second, discuss your individual results and come to a group consensus using the same ranking conditions. An additional sheet has been included in the Chairperson's packet to record the team consensus.

- Complementary Resources
- Fiscal Conservation
- Locality
- Mandates
- Mutual Needs
- Service Accountability
- Service Populations
- Similar Goals
- Other (specify)
WORKSHEET III - ISSUES AFFECTING LINKAGE

The first two activities identified linkages and factors that influence their initiation. The intent of Worksheet III is to obtain a more complete picture of the effect that the following issues have on ongoing linkage efforts.

Please discuss these questions as a team and determine a general consensus of your State. An additional sheet has been included in the Chairperson’s packet to record the team consensus.

1. What type of administrative structure best facilitates linkage?

2. Does the type of effective administration vary depending on who is collaborating? How?

3. What staff positions in each agency are most critical for successful linkages?

4. What are the relative merits of formal and informal linkages? Under what circumstances?

5. Are there any prior coordination attempts between programs that might enhance or interfere with current linkage efforts?

6. Explain how advocacy and/or advisory groups need to be taken into account while pursuing linkage.
WORKSHEET III - ISSUES AFFECTING LINKAGE

7. What internal organization "political" issues are affected by linkage efforts?

8. Are there legislative committees whose approval is necessary to carry out linkages? What is the best way to deal with them and who is best to do it?

9. What advantages have resulted for handicapped individuals from linkage activities in your State? Please consider the areas of: 1) vocational rehabilitation, 2) special education, 3) counseling and guidance, and 4) vocational education.

10. What advantages have resulted for direct service staff from linkage activities in your State? Please consider the areas of: 1) vocational rehabilitation, 2) special education, 3) counseling and guidance, and 4) vocational education.

11. What advantages have resulted for administrative staff from linkage activities in your State? Please consider the areas of: 1) vocational rehabilitation, 2) special education, 3) counseling and guidance, and 4) vocational education.
Please complete the following section as a team. Based on your group experience, review linkage efforts in your State and indicate to what degree cooperative agreements have generally resulted in the following:

<table>
<thead>
<tr>
<th>(Lesser Degree)</th>
<th>(Greater Degree)</th>
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<tbody>
<tr>
<td>1</td>
<td>2</td>
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<tr>
<td>3</td>
<td>4</td>
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<td>5</td>
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<tbody>
<tr>
<td>(benefits of cooperation outweigh costs of participating)</td>
<td>(each agency accepts that the goals and activities of the other participating agencies are appropriate for cooperation)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
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<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>e. Least Restrictive Environment/Mainstreaming</th>
<th>f. Vocational Assessment</th>
<th>g. Vocational Counseling</th>
<th>h. Vocational Training</th>
</tr>
</thead>
<tbody>
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<tr>
<td>1</td>
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<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
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<table>
<thead>
<tr>
<th>i. Job Placement</th>
<th>j. Followup</th>
<th>k. Program Evaluation</th>
</tr>
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<tbody>
<tr>
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<td>1</td>
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<td>5</td>
<td>6</td>
<td>7</td>
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<table>
<thead>
<tr>
<th>l. Monitoring</th>
<th>m. Prevocational Programming</th>
<th>n. Vocational Programming</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
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<tr>
<td>1</td>
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<td>5</td>
<td>6</td>
<td>7</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>o. Work Sampling</th>
<th>p. On-the-job Training</th>
<th>q. Curriculum Modification and Development</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2</td>
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<td>5</td>
<td>6</td>
<td>7</td>
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<table>
<thead>
<tr>
<th>Name</th>
<th>State</th>
<th>Position</th>
</tr>
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<tbody>
<tr>
<td></td>
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<tr>
<td></td>
<td>(Lesser Degree)</td>
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<td>---</td>
<td>----------------</td>
<td>---</td>
</tr>
<tr>
<td>r. Remedial and Support Services</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>s. Adapting Equipment and Providing Special Aids</td>
<td></td>
<td></td>
</tr>
<tr>
<td>t. Facility Accessibility</td>
<td></td>
<td></td>
</tr>
<tr>
<td>u. Communication with Community</td>
<td></td>
<td></td>
</tr>
<tr>
<td>v. Other</td>
<td></td>
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</tr>
</tbody>
</table>

Comments:
WORKSHEET V - FEDERAL AND LOCAL FACTORS AFFECTING LINKAGE

Name ___________________________  State ___________________________
Agency ___________________________  Position ___________________________

In the previous worksheets you have focused on linkage at the State level. The goal of Worksheet V is to explore your perceptions of the factors affecting linkage at the Federal and local levels. Please complete this form individually, using experiences in your agency as a reference point.

1. **FEDERAL LEVEL**
   - **FACILITATING FACTORS**
   - **INHIBITING FACTORS**

   a. Legislation/Regulations

   b. Organizational Policy Statements

   c. Funding

---

WVSC
UW-Madison
1-1-80
## Worksheet V - Federal and Local Factors Affecting Linkage

### Federal Level

<table>
<thead>
<tr>
<th>Facilitating Factors</th>
<th>Inhibiting Factors</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>d. Environment</strong></td>
<td></td>
</tr>
<tr>
<td>(Internal Resources</td>
<td></td>
</tr>
<tr>
<td>External Resources)</td>
<td></td>
</tr>
<tr>
<td><strong>e. Interpersonal Characteristics</strong></td>
<td></td>
</tr>
<tr>
<td><strong>f. Structural Characteristics</strong></td>
<td></td>
</tr>
<tr>
<td><strong>g. Other</strong></td>
<td></td>
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</tbody>
</table>

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**Environment (Internal Resources External Resources)**

**Interpersonal Characteristics**

**Structural Characteristics**

**Other**
<table>
<thead>
<tr>
<th>LOCAL LEVEL</th>
<th>FACILITATING FACTORS</th>
<th>INHIBITING FACTORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Legislation/Regulation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Organizational Policy Statements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Funding</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| d. Environment (Internal Resources External Resources) | | }
<table>
<thead>
<tr>
<th>LOCAL LEVEL</th>
<th>FACILITATING FACTORS</th>
<th>INHIBITING FACTORS</th>
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<tbody>
<tr>
<td>e. Interpersonal Characteristics</td>
<td></td>
<td></td>
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<tr>
<td>f. Structural Characteristics</td>
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<td></td>
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<tr>
<td>g. Other</td>
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WORKSHEET V - FEDERAL AND LOCAL FACTORS AFFECTING LINKAGE
Vocational Education Models for Linking Agencies Serving the Handicapped

TECHNICAL ASSISTANCE INTEREST CHECKLIST
Survey of Linkage Activities

State ____________________________________________
Team Chairperson ______________________________________
Date ____________________________________________

Please complete this form only if your team would like to participate as a Model State. The three States will be selected to develop or enhance linkage models to meet the vocational education needs of handicapped students.

Technical assistance provided to the Model States during a nine month period will emphasize programming and accessibility to programs in vocational education. Technical assistance will include onsite support from project staff and funding for a part-time onsite linkage coordinator. This coordinator will assist in the areas of: 1) communication links, 2) program cooperation, and 3) process evaluation.

The Model States will be selected based on the following criteria:

A. Commitment
- expressed willingness to participate
- active involvement of high level decision makers

B. Organizational Structure of State’s Service Delivery Agencies
- planning
- community needs assessment
- funding
- implementation
- monitoring
- personnel development
- review of quality and effectiveness
- evaluation of entire system

C. Status and Effectiveness of Current Interagency Linkages
- States demonstrating extensive involvement in linkages and those initiating linkage efforts will be included

D. Demographic Characteristics
- geography, size, transportation, communication, region
Please mark an x in the yes or no column on the right margin.

**COMMITMENT**

1. Would your State Team be interested in participating in the technical assistance phase of the USOE project, "Vocational Education Models for Linking Agencies Serving the Handicapped?"

2. Will each of the 4 agency directors send a written statement of support for participating in a linkage model?
   - Vocational Education
   - Vocational Rehabilitation
   - Special Education
   - Counseling and Guidance

3. How many of your State's four Team members attended the State Interagency Linkage meeting?

4. Was your State Team able to bring the majority of linkage documents requested?

**PLANNING**

1. Does your State have existing linkages among human service agencies?

2. Are these linkages formal or informal?

3. If the answer to #1 is yes, are the linkages sequential between secondary and post-secondary programs?

4. Do secondary and post-secondary vocational education programs coordinate curricula they teach?

5. Does your State have a Task Force or Advisory Committee on Interagency Linkage?

6. When was it established?

7. What agencies are represented?

8. Are different levels of personnel represented on the task force?

9. Does the task force meet regularly? How often?

10. To whom are task force reports distributed?
11. Does one specific agency have primary responsibility for initiation and maintenance of linkage efforts?

12. If yes, which agency? ___________________________

13. If no, does each agency appoint a representative to serve on a coordination committee?

NEEDS ASSESSMENT

1. Has your State participated in a needs assessment to identify existing gaps or needs in services?

2. If yes, when? ___________________________

3. What changes, if any, resulted?

4. Is there a services complaint process in existence?

5. If yes, who is responsible for monitoring this complaint process?

IMPLEMENTATION OF VOCATIONAL EDUCATION SERVICES

1. Does vocational education instruction use a competency-based approach?

2. Is the spectrum of vocational education services for handicapped students provided in a sequential fashion, with formal linkages between secondary and post-secondary agencies?

3. Are relevant job performance tasks analyzed before vocational-technical instruction begins?

4. Are post-secondary schools in your State flexible in granting incoming students advanced standing and school credits for past learning experiences?

5. Is there a task force on curriculum development with representatives from both secondary and post-secondary levels?

6. Is there any unnecessary duplication of effort in the provision of vocational education services?
7. If the answer to #6 is yes, please explain. ____________________________________________

8. Do vocational instructors deal directly with agency representatives (such as Vocational Rehabilitation counselors)?

9. Is there formal career exploration provided for handicapped students?

10. Is such career exploration provided for a broad range of occupations?

FUNDING

1. Do funding procedures create difficulties for cooperative program development activities?

Vocational Education
Vocational Rehabilitation
Special Education
Counseling and Guidance

2. Is your agency funded categorically?

Vocational Education
Vocational Rehabilitation
Special Education
Counseling and Guidance

PERSONNEL DEVELOPMENT

1. Is there separate training in the handicapped services area required of all new employees?

Vocational Education
Vocational Rehabilitation
Special Education
Counseling and Guidance

2. Do staff members receive ongoing inservice training in the area of handicapped services?

Vocational Education
Vocational Rehabilitation
Special Education
Counseling and Guidance
3. Do staff members receive inservice training concerning the services, policies, and procedures of other agencies?
   - Vocational Education ___ ___
   - Vocational Rehabilitation ___ ___
   - Special Education ___ ___
   - Counseling and Guidance ___ ___

4. Who is responsible for inservice provision in the following agencies?
   - Vocational Education
   - Vocational Rehabilitation
   - Special Education
   - Counseling and Guidance

5. Who facilitates the inservice presentations in:
   - Vocational Education
   - Vocational Rehabilitation
   - Special Education
   - Counseling and Guidance

6. Are there certification requirements for staff serving disabled individuals?
   - Vocational Education ___ ___
   - Vocational Rehabilitation ___ ___
   - Special Education ___ ___
   - Counseling and Guidance ___ ___

7. Are staff at all levels informed of interagency linkages through written reports?
   - Inservices ___ ___

MONITORING SERVICE DELIVERY

1. Is there a coordinated intake procedure for human service delivery agencies in your State?

2. Do intake forms function systemwide for referral purposes?

3. Who is responsible for intake coordination?
   - Vocational Education
   - Vocational Rehabilitation
   - Special Education
   - Counseling and Guidance

4. Are client services reviewed on a regular basis?
   - Vocational Education ___ ___
   - Vocational Rehabilitation ___ ___
   - Special Education ___ ___
   - Counseling and Guidance ___ ___
5. If yes, how often?
   Vocational Education
   Vocational Rehabilitation
   Special Education
   Counseling and Guidance

6. Are client plans (IEP, IWRP) developed by representatives of more than one agency?

REVIEW OF QUALITY AND EFFECTIVENESS OF SERVICE DELIVERY

1. Does your State have a client tracking system?

2. If yes, please explain

3. How long has your State used this system?

4. Is it computerized?

5. Are there specific procedures to review quality and effectiveness of service delivery in your State?

6. Does your agency have more potential clients than you are able to serve?
   Vocational Education
   Vocational Rehabilitation
   Special Education
   Counseling and Guidance

7. Does your State have a formal procedure to avoid or eliminate unnecessary duplication of services?

8. If yes, please explain

9. If no, is such a procedure needed?

CURRENT LINKAGE EFFORTS

1. Are there written joint linkage agreements among human service agencies in your State?

2. Do communities have local linkage agreements?

   If the answers to #1 and #2 are yes, please answer the following, checking both the state and local columns.
3. Are the agreements enforced?

4. Are the agreements monitored?

5. Do these agreements define expectations of the benefits for each agency?

6. Are responsibilities clearly assigned and delineated?

7. Do agency personnel involved with implementing the agreement perceive it as beneficial?

8. Do personnel perceive it as effective?

9. Has there been a cost/benefit analysis of the linkage agreement?

10. Has there been an evaluation of the effectiveness of the agreement?

11. If yes, how was the effectiveness evaluated?

12. Do you perceive a need for increased linkage efforts?

DEMOGRAPHIC CHARACTERISTICS

1. Please list any service delivery problems that are unique to your State (geographical, cultural, financial.)
APPENDIX B

Members of the Project Advisory Committee
FEDERAL BUREAU REPRESENTATIVES (ex-officio)

Dr. Dick Carlson  
NIE Associate  
National Institute of Education  
U.S. Department of Education  
1200 19th Street, Room 7120  
Washington, DC 20208  
202-254-6070 or 7548

Charlotte Conaway  
Office of Vocational and Adult Education  
U.S. Department of Education, ROB #3  
7th and D Streets, S.W.  
Washington, DC 20202  
202-245-0636

Ellen Lyles  
Education Program Specialist  
Office of Elementary and Secondary Education Guidance and Counseling Branch  
Division of State Educational Assistance  
U.S. Department of Education  
400 Maryland Avenue, S.W.  
ROB #3  
Room 3010  
Washington, DC 20202  
202-472-1357

Michael Ward  
Office of Special Education and Rehabilitative Services  
Division of Assistance to the States  
U.S. Department of Education  
Room 4030 Donoho  
400 Maryland Avenue, S.W.  
Washington, DC 20202  
202-472-3740

Bob Wernet  
Rehabilitation Program Specialist  
Office of Special Education and Rehabilitative Services Rehabilitation Services Administration  
U.S. Department of Education  
Room 3024 Switzer Building  
3rd and D Streets, S.W.  
Washington, DC  
202-245-0925 or 3024
ORGANIZATIONAL REPRESENTATIVES

Council of State Administrators of Vocational Rehabilitation
Bruce A. Archambault
Chief State Department of Education
Division of Rehabilitation
105 London Road
Building #3
Concord, NH 03301
603-271-3221

National Association of State Directors of Special Education
Dr. Victor J. Conrucci
Assistant State Superintendent
Wisconsin Department of Public Instruction
Wisconsin Hall
126 Langdon Street
Madison, WI 53702
608-266-1649

American Personnel and Guidance Association
Dr. Don Linkowski
President Association of Rehabilitation Counselors
George Washington University
Washington, DC
202-676-7204

National Association of State Directors of Vocational Education
Dr. Robert B. Sorensen
State Director
Wisconsin Board of Vocational, Technical and Adult Education
4802 Sheboygan Avenue, 7th Floor
Madison, WI 53702
608-266-1770
ADVISORY MEMBERS FROM VOCATIONAL AND SPECIAL EDUCATION AND REHABILITATION BACKGROUNDS

Basil Antenucci  
State of Michigan  
Department of Rehabilitation Services  
P.O. Box 30010  
Lansing, MI 48909  
517-373-3390

Dr. James Barge  
Director, Special Needs Programs  
Division of Vocational Education  
State Department of Education  
Knott Building  
Tallahassee, FL 32301  
904-488-7153

William Eddy  
Equal Opportunity Specialist  
Compliance and Enforcement Division  
Office for Civil Rights  
Department of A.E.W., Room 4412  
330 Independence Avenue, S.W.  
Washington, DC 20201  
202-245-7641

Michael Falconer  
Executive Director  
Governor's Committee on People with Disabilities  
One South Park  
5th Floor  
Madison, WI 53715  
608-266-5378

Dr. James Folsom  
Director, I.C.D. Rehabilitation & Research Center  
340 East 24th Street  
New York, NY 10010  
212-679-0100

Paul Hippolitus  
The President's Committee on Employment of the Handicapped  
Washington, DC 20210  
202-653-5059

Dr. Atsuo Horuchi  
Special Education Unit  
Colorado Department of Education  
State Office Building  
201 E. Colfax  
Denver, CO 80203  
303-839-2727
Dr. Marc Hull
Vermont State Department of Education
Montpelier, VT 05602
802-828-3141

Eugene Lehrmann
President American Vocational Association (1980-1981)
Wisconsin Vocational Studies Center
University of Wisconsin-Madison
964 Educational Sciences Building
1025 West Johnson Street
Madison, WI 53706
608-263-6979

Dr. Gary Meers
Special Vocational Education
105 Bancroft Hall
University of Nebraska
Lincoln, NE 68588
402-472-2365

Dr. Linda Parrish
Vocational Special Needs Teacher Coordinator
Texas A & M University
College Station, TX 77843
713-845-6816

Pail Perencevic
Special Education Teacher
Vista Del Mar School
3200 Motor Avenue
Los Angeles, CA 90034
213-836-1223 ext. 376

Dr. Allen Phelps
Department of Vocational and Technical Education
Office of Vocational Education Research
345 Education Building
University of Illinois at Urbana-Champaign
Urbana, IL 61801
217-333-0185

Jane Razeghi
Education Coordinator
American Coalition of Citizens with Disabilities, Inc.
Room 816, 1346 Connecticut Avenue, N.W.
Washington, DC 20036
202-785-4265
Edward V. Roberts  
Director  
Department of Rehabilitation  
830 K. Street Mall, Room 322  
Sacramento, CA 95814  
916-445-3971  

S. Glee Saunders  
Apartment 315A  
251 West DeKalb Pike  
King of Prussia, PA 19406  
215-337-2065  

Lillian Seymour  
California Association for Neurologically Handicapped Children  
Vocational Committee  
11291 McNab Street  
Garden Grove, CA 92641  
714-539-2711
APPENDIX C

Summary of Project Advisory Committee's Comments from Meeting Held April 24-25, 1980
SUMMARY OF ADVISORY COMMITTEE COMMENTS ABOUT DEVELOPING STATE AND LOCAL LINKAGE MODELS TO MEET THE VOCATIONAL EDUCATION NEEDS OF HANDICAPPED PERSONS

A. Introduction

Members of the Advisory Committee to the project, "Vocational Education Models for Linking Agencies Serving the Handicapped" met in Madison, Wisconsin on April 24-25, 1980. During this two-day meeting, committee members were asked to share their thoughts, experiences, and opinions regarding every phase of local and state linkages. Their remarks were analyzed, and broad content categories were identified. This section of the report summarizes the group's thoughts on developing linkage systems at both the state and local level. Summaries of the group's comments on implementing linkages, technical assistance, and evaluation and monitoring are also being prepared.

B. State-Level Linkages

Three main topic areas surfaced in the analysis of the Advisory Committee's discussion of state-level linkage development. These were:

1) various patterns of leadership of the system;
2) membership or participation in the system; and
3) objectives or activities which could be performed by the linkage organization. Charts One, Two, and Three detail the Committee members' thoughts on these topics. General comments made by the committee concerning state level linkage systems follow the charts.

C. Local Linkage Concerns

Comments made by Advisory Committee members on local linkage efforts can best be summarized as they relate to the case management process through which an individual is served. These thoughts are outlined on Chart Four. Some general comments made by the committee regarding local linkage systems follow Chart Four.
### Chart One
Possible Sources of Leadership Input into the State Linkage Organization

<table>
<thead>
<tr>
<th>Activities and Leadership Opportunities:</th>
<th>Comments:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participating in the existing linkage systems.</td>
<td>Consumers, parents, advocacy group members, teachers, administrators, and others could be included, along with state agency representatives.</td>
</tr>
<tr>
<td>Develop a task force, council or committee to institute and implement linkages.</td>
<td>Possibly State Directors of vocational education or vocational rehabilitation.</td>
</tr>
<tr>
<td>Consider your agencies in a lead agency role.</td>
<td>Rotating chair could avoid turf problems.</td>
</tr>
<tr>
<td>Equalize agency participation.</td>
<td></td>
</tr>
<tr>
<td>Appoint a full-time linkage coordinator.</td>
<td>To serve as a liaison between the state linkage team and local persons, and to coordinate linkage activities.</td>
</tr>
<tr>
<td>Appoint a Secretary or Assistant Secretary from Chief, State School Officer's or Governor's office.</td>
<td>Oversees state agencies and their linkage efforts, with fiscal control over each.</td>
</tr>
</tbody>
</table>
Chart Two

Suggested Participants in the State Linkage Effort

Core Membership:
These agencies should be included on the linkage team:
- Vocational Education
- Special Education
- Vocational Rehabilitation
- Counseling and Guidance

Additional Groups to Consider:
The representatives from these various groups could be included on the linkage team or could serve in an advisory capacity:
- CETA
- Adult Education
- Advocate Groups
- Consumers/Parents
- LEA involvement
- Broker service agencies (e.g. Easter Seals Society)
### Chart Three

**Suggestions for State Linkage Activities**

<table>
<thead>
<tr>
<th>Activities</th>
<th>Comments</th>
</tr>
</thead>
</table>
| Select structure of linkage system | - Participant identification  
| Communicate linkage efforts | - How often to meet  
| Identify gaps and barriers in linkage efforts | - Broad goals, specific objectives, and tasks  
| Establish joint planning agreements for linkage | - Determine utilization of resources  
| Coordinate state plans of vocational education, special education, and vocational rehabilitation | Could publish newsletter or disseminate meeting minutes beyond state level  
| Review policies, set or suggest new policies, carry out policies | Identify areas of duplication of services  
| Arrange for outside consultant to assist in developing objectives or evaluate linkage objectives | State needs to involve local practitioners for effective coordination  

**Comments:**
- Participant identification
- How often to meet
- Broad goals, specific objectives, and tasks
- Determine utilization of resources

Could publish newsletter or disseminate meeting minutes beyond state level

Identify areas of duplication of services

State needs to involve local practitioners for effective coordination

Written provision for review of linkage process
**Chart Three**  
**Suggestions for State Linkage Activities (continued)**

<table>
<thead>
<tr>
<th>Activities</th>
<th>Comments:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public education</td>
<td>Concerning laws, regulations, funding constraints and possibilities, importance of communication, etc</td>
</tr>
<tr>
<td>Enhance linkages at the consumer level</td>
<td>Vocational rehabilitation could share facilities with education</td>
</tr>
<tr>
<td>Encourage co-location for effective linkage at the local and state level</td>
<td>Disseminate exemplary local linkage efforts</td>
</tr>
<tr>
<td>Help LEAs use IEPs effectively to plan prevocational and vocational programs for handicapped students</td>
<td>Determine service gaps</td>
</tr>
<tr>
<td>Conduct needs assessment to prioritize state and local objectives</td>
<td></td>
</tr>
<tr>
<td>Study effective uses of resources</td>
<td></td>
</tr>
<tr>
<td>Conduct follow-up studies of handicapped students and dropouts</td>
<td></td>
</tr>
</tbody>
</table>
Committee members also noted that state-level linkage efforts are improved if the leadership of the system and/or the participants have decision-making authority within their respective agencies. Communication of incentives for linking, such as increased effectiveness of funds usage, was also mentioned as an important facilitator of the linkage process.

The Committee raised three issues related to state-level linkage teams' efforts to enhance local linkages. First, it was emphasized that local personnel may need more information about P.L. 94-142, the All Handicapped Children's Act, and Sections 503 and 504 of the Rehabilitation Act of 1973. It is important when conveying this information not to give them the sense that compliance is solely a matter of force. Second, the Committee felt it was necessary for the state to offer technical assistance to local personnel in establishing, funding, and evaluating their linkage efforts. The third issue raised was one of improving the use of state plans for proactive program development: involving local individuals in the process and coordinating plans of vocational education; special education; and rehabilitation were recommended techniques to meet this goal.
<table>
<thead>
<tr>
<th>Case Management Process</th>
<th>Suggested Agencies/Persons Involved</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identify handicapped persons</td>
<td>&quot;Case Manager&quot;</td>
<td>A system of case management for each student could help prevent him or her &quot;falling through the cracks&quot; after high school.</td>
</tr>
<tr>
<td></td>
<td>Local education agency</td>
<td>Given mandatory attendance laws, the school system has the major role in identifying handicapped persons ages 3-18.</td>
</tr>
<tr>
<td></td>
<td>Rehabilitation</td>
<td>Rehabilitation counselors need to work closely with special education and vocational education to provide services to students before and at graduation. Reorganization and/or co-location may facilitate closer working relationships between education and rehabilitation. Rehabilitation assumes major burden of identification and case management for persons who are out of school.</td>
</tr>
<tr>
<td></td>
<td>Parents/self</td>
<td>A major effort toward educating parents and handicapped individuals concerning the laws and regulations regarding handicapped persons, and the services which are available in the local area needs to be made. Parents can both identify persons needing services and advocate for the delivery of these services.</td>
</tr>
<tr>
<td>Prescribe needed services</td>
<td>Special Education, Vocational Education, Counseling and Guidance, Rehabilitation, Parents, Consumer</td>
<td>a) Communication and coordination among those involved is of prime importance. Mutual understanding of definitions, terms, services available, and service constraints should be achieved. IEP and IWRP forms should be coordinated.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b) A full range of career development activities should be available to handicapped students. Counselors should help the student consider the full range of training options, from college to workshop placements.</td>
</tr>
<tr>
<td>Case Management Process</td>
<td>Suggested Agencies/Persons Involved</td>
<td>Comments</td>
</tr>
<tr>
<td>-------------------------</td>
<td>------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>2. (continued) Prescribe needed services</td>
<td></td>
<td>Vocational educators should be involved in preparing the IEPs of students who are to be involved in vocational programs. Specific goals should be based on student interests, aptitudes, and assessment results. The IEP should include specific pre-vocational and vocational objectives. Special education and vocational education plans to cooperatively provide training should be detailed.</td>
</tr>
<tr>
<td>3. Provide identified services</td>
<td>Special Education Vocational Education Counseling and Guidance CETA Vocational Rehabilitation</td>
<td>Inservice training should be provided to insure that vocational educators and special educators can mutually develop cooperative lesson plans. Can provide training for handicapped students who drop out, those who leave school with inadequate vocational skills, and adults. Becomes case manager for students who leave high school without employable skills, as well as supplementing training of students in high school when special tools or equipment are needed.</td>
</tr>
<tr>
<td>4. Provide placement and followup</td>
<td>Special Education Vocational Education Counseling and Guidance Vocational Rehabilitation CETA</td>
<td>Linkage system should provide means to follow students' progress during and after high school. Common terms and definitions should be developed and utilized in followup efforts. May provide followup training after student completes high school program.</td>
</tr>
</tbody>
</table>
General Comments

The Advisory Committee's comments about developing local linkage systems are summarized in the following statements:

1) Linkage agreements seem to have the most success when each agency has a clear identity, but each shares joint responsibility for the client.

2) A written local agreement should detail:
   - each agency's responsibilities under present legislation
   - how each group interfaces with the others
   - what services can be expected from each
   - how resources can most effectively be utilized, and
   - the responsibilities each agency accepts.

3) Local linkage systems should take evaluation and monitoring into account; responsibilities for checking the system's effectiveness should be planned and clearly delineated.

4) Local systems should include advocate groups and consumers.

5) Parents should be briefed about the need for linkages, as well as the goals and objectives of the system.

Three cautions were added regarding the preparation of IEPs. First, that a health screening ought to be provided in each student's plan. Second, Office of Civil Rights regulations must be obeyed in preparing IEPs. A third, and very major concern was that studies have shown that the majority of vocational teachers are completely unfamiliar with the IEP process; most have never been included in such program planning.
<table>
<thead>
<tr>
<th>Medium</th>
<th>Content</th>
<th>Audience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brochures developed by state-level vocational education personnel</td>
<td>Vocational education services available for handicapped students</td>
<td>Special educators, parents, students, advocacy groups, other agencies.</td>
</tr>
<tr>
<td>TV, radio public service announcements</td>
<td>Toll-free telephone number and purpose of service</td>
<td>Public</td>
</tr>
<tr>
<td>Toll-free telephone</td>
<td>Vocational assessment, vocational rehabilitation, and vocational education services available for handicapped individuals in the state</td>
<td>Callers</td>
</tr>
<tr>
<td>1 page information sheets, headed &quot;Did you know...?&quot;, distributed monthly, designed to be posted on bulletin boards</td>
<td>Services available to and for handicapped students, and information about special needs vocational education issues</td>
<td>Special and vocational education teachers, counselors, rehabilitation counselors, others</td>
</tr>
<tr>
<td>Information sessions</td>
<td>Services available at community colleges or postsecondary vocational schools</td>
<td>Parents, persons from referring agencies, consumers</td>
</tr>
<tr>
<td>Educational TV, cable TV seminars</td>
<td>Rights of and services available to handicapped individuals</td>
<td>Public</td>
</tr>
<tr>
<td>TV, radio public service announcements</td>
<td>- Advertise services available to handicapped persons</td>
<td>Public</td>
</tr>
<tr>
<td></td>
<td>- Advertise that 1981 is the International Year of the Disabled Individual</td>
<td></td>
</tr>
<tr>
<td>Medium</td>
<td>Content</td>
<td>Audience</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Training sessions led by consumer advocate groups</td>
<td>Needs, rights and aspirations of handicapped persons</td>
<td>Parents, public</td>
</tr>
<tr>
<td>Booklet developed by State Education Agency</td>
<td>Handicapped students' rights</td>
<td>Parents, other interested individuals</td>
</tr>
<tr>
<td>Legislative hearings</td>
<td>Views of consumer groups, advisory committees, advocacy groups, and others regarding vocational education services for handicapped individuals</td>
<td>Legislators, public</td>
</tr>
</tbody>
</table>
### Wisconsin Vocational Studies Center
University of Wisconsin - Madison

**ADVISORY COMMITTEE MEMBERS' THOUGHTS ON VARIOUS ELEMENTS OF THE IMPLEMENTATION PHASE OF INTERAGENCY LINKAGE ORGANIZATIONS**

<table>
<thead>
<tr>
<th>Resources available to improve interagency linkages could be identified.</th>
<th>The state could facilitate the development of a local case management system for handicapped persons, possibly based on the age of the individual.</th>
<th>The local education agency could provide space in a school building for vocational rehabilitation personnel in exchange for vocational assessment or other services.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work with the legislature to improve consistency among eligibility criteria of various agencies could be undertaken.</td>
<td>The state could publish field bulletins or policy statements to encourage the development of local linkage agreements.</td>
<td>Administrative leadership and commitment to linkages should be recognized as critical to their success.</td>
</tr>
<tr>
<td>A computerized listing of agency personnel and programs could be developed.</td>
<td>A manual on how to establish interagency linkages could be developed and disseminated to local personnel.</td>
<td>Sharing resources through linkage agreements can minimize difficulties caused by funding cut-backs.</td>
</tr>
<tr>
<td>One office could be identified as a clearing-house for information regarding vocational education services for handicapped persons.</td>
<td>Improved data collection and reporting processes could be developed to enhance linkage efforts.</td>
<td></td>
</tr>
<tr>
<td>Administrative leadership and commitment to linkages should be recognized as critical to their success.</td>
<td>Monties should be made available for cross-agency/cross-discipline training.</td>
<td></td>
</tr>
<tr>
<td>Publicity regarding the idea that sharing resources through linkage agreements can minimize difficulties caused by funding cut-backs should be increased.</td>
<td>State money could help initiate programs at a regional or local level.</td>
<td></td>
</tr>
<tr>
<td>Consultants could be utilized in solving specific linkage problems.</td>
<td>The state should identify and disseminate information about innovative uses of funds and program elements, which improve services to clients.</td>
<td>Mechanisms to insure that input on training needed and funding priorities should be established.</td>
</tr>
</tbody>
</table>
### STATE-LOCAL

<table>
<thead>
<tr>
<th><strong>Funds</strong></th>
<th><strong>TRIANG</strong></th>
<th><strong>TRAINING</strong></th>
<th><strong>ADVOCACY/ADVOCACY GROUPS</strong></th>
<th><strong>IEP</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>The state should identify for dissemination exemplary local linkage efforts.</td>
<td>The state could provide training for local vocational teachers in special education and legal issues; these trainees could then return home and train local peers.</td>
<td>The state should share information on what funding is available, how categorical funds can be used, and innovative uses of money and program elements with local administrators.</td>
<td>Combined cross-training sessions for mutual understanding of roles, rules, and responsibilities of vocational education, special education, counseling, and vocational rehabilitation personnel should be organized.</td>
<td>Money and staff time should be set aside for inservice training.</td>
</tr>
<tr>
<td>State linkage participants could provide workshops for state-level special education, vocational education, rehabilitation, and general education personnel regarding the rights of handicapped persons, the regulations affecting each agency, and current state linkage efforts.</td>
<td>State personnel should be active in communicating to groups and the public through such activities as public hearings, public service announcements, and seminars.</td>
<td>Advocacy group members may be helpful in establishing or monitoring Individualized Education Plans.</td>
<td>Increased communication among members of various boards and advisory groups should be a goal of linkages.</td>
<td>Parents should be included with all others who work with handicapped persons in training sessions on the I.E.P., the rights of handicapped individuals and programs available to them.</td>
</tr>
<tr>
<td>Money and staff time should be provided for inservice training.</td>
<td>Groups can perform a strong lobbying role with the state legislature.</td>
<td>The lobbying mechanism currently used by professional organizations can be used to help linkages.</td>
<td>State vocational education advisory board should have a person representing handicapped persons' concerns.</td>
<td>Advocacy group members may be helpful in establishing or monitoring Individualized Education Plans.</td>
</tr>
</tbody>
</table>

**IEP** | **STATE-LOCAL** | **STATE-LOCAL** |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Conferences on vocational education services for handicapped individuals could be offered on a regional or local level.</td>
<td>The state could provide training for local vocational teachers in special education and legal issues; these trainees could then return home and train local peers.</td>
<td>The state should share information on what funding is available, how categorical funds can be used, and innovative uses of money and program elements with local administrators.</td>
</tr>
</tbody>
</table>

A directive could be issued stating that when a vocational program is being considered for a handicapped student, a vocational teacher must be present at the IEP meeting. | State personnel should be active in communicating to groups and the public through such activities as public hearings, public service announcements, and seminars. | Advocacy group members may be helpful in establishing or monitoring Individualized Education Plans. | Increased communication among members of various boards and advisory groups should be a goal of linkages. | Local linkage agreements should include representation from such groups as women, minorities, and disabled persons. | Individualized Education Plan meetings should be attended by a representative of special education, vocational education, rehabilitation, counseling, regular education, and parents. |
### Methods and Tools for Evaluation

<table>
<thead>
<tr>
<th>Methods and Tools for Evaluation</th>
<th>Possible Content Areas</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency self-evaluation</td>
<td>Analyze degree of attainment of agency goals related to interagency cooperation</td>
<td>Could help identify barriers to linkages</td>
</tr>
<tr>
<td>Survey conducted before and six-nine months after initiation of linkage project</td>
<td>Determine whether linkage agreements exist and to what extent the goals of these agreements were achieved</td>
<td>An aspect of the pre- and post-surveys could be to determine if there is duplication of services and whether agreements assisted in alleviating such duplication</td>
</tr>
<tr>
<td>Review of annual reports</td>
<td>Identify areas of commonality in the annual plans submitted by participating agencies in the linkage organization</td>
<td>Goals, objectives and plans of action can be coordinated among participating agencies</td>
</tr>
<tr>
<td>Checklist</td>
<td>Compile information about frequency of interagency meetings and individual participants' attendance</td>
<td>To assist in analyzing participants' commitment and effectiveness of the linkage organization</td>
</tr>
<tr>
<td>Informal evaluation</td>
<td>Determine effectiveness of agreement</td>
<td>Check on an informal basis to determine whether information is being shared</td>
</tr>
<tr>
<td>Linkage committee self-evaluation</td>
<td>Develop a report on linkage organization activities</td>
<td>Could be a report to governor or legislature with possible benefits awarded by legislature for successful linkages</td>
</tr>
<tr>
<td>Methods and Tools for Evaluation</td>
<td>Possible Content Areas</td>
<td>Comments</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Third party</td>
<td>Evaluate development of linkage system and its activities</td>
<td>Could be useful to linkage committee in planning of annual goals and objectives</td>
</tr>
<tr>
<td>Evaluation of programs through civil rights mandates</td>
<td>State agency resource people, consumer/parents/advocacy groups</td>
<td>Monitoring through 504 and Title IX mandates</td>
</tr>
<tr>
<td>Monitor due process cases</td>
<td>Agencies</td>
<td>Evaluate categories of unmet needs of students</td>
</tr>
</tbody>
</table>
### ADVISORY COMMITTEE SUGGESTIONS FOR EVALUATION AND MONITORING OF LOCAL-LEVEL VOCATIONAL EDUCATION SERVICES FOR HANDICAPPED PERSONS.

<table>
<thead>
<tr>
<th>Methods</th>
<th>Participants</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluate inservice efforts</td>
<td>Local education agency</td>
<td>Compare pre- and post-test results measuring educators' knowledge of the IEP process and of the content of P.L. 94-142 and of other pertinent legislation</td>
</tr>
<tr>
<td>Periodic review of Individualized Education Program - Individualized Written Rehabilitation Program</td>
<td>Parents/consumers/agencies</td>
<td>Evaluate number of services provided which are prescribed through the IEP-IWRP.</td>
</tr>
<tr>
<td>Individualized Education Program - Individualized Written Rehabilitation Program interface</td>
<td>Parents/consumers/advisory councils/agencies</td>
<td>Check effectiveness of system by looking at the number of cross referrals</td>
</tr>
<tr>
<td>Evaluate the number of people served</td>
<td>Agencies</td>
<td>Determine population of handicapped persons and determine what percentage were served</td>
</tr>
<tr>
<td>Evaluate vocational follow-up data and vocational rehabilitation annual reports</td>
<td>Vocational education/vocational rehabilitation</td>
<td>Compare local employment statistics of handicapped vocational graduates with employment statistics of general population, non-handicapped graduates, untrained handicapped persons</td>
</tr>
<tr>
<td>Methods</td>
<td>Participants</td>
<td>Comments</td>
</tr>
<tr>
<td>---------------------------------</td>
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</tr>
<tr>
<td>Cost effectiveness of programs</td>
<td>Agencies</td>
<td>Evaluate the amount of money spent to prepare students for employment and number of handicapped students employed in their area of training</td>
</tr>
<tr>
<td>Survey of program satisfaction</td>
<td>Consumers/parents/employers</td>
<td>Receive input on satisfaction with training both at consumer level and employer level</td>
</tr>
</tbody>
</table>
POSSIBLE TECHNICAL ASSISTANCE ACTIVITIES

The following chart contains suggestions made by the advisory committee concerning potential technical assistance activities. These ideas should not be considered a comprehensive list, but should be used for initial planning regarding the needs of your state in utilizing technical assistance. On-site visits, conference calls, and written reports could be used as means for communicating among model states, project staff, and consultants. Your input concerning your specific needs will determine the method or methods in which the technical assistance will be designed for your state.

<table>
<thead>
<tr>
<th>Process</th>
<th>Possible Technical Assistance Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Develop Model</td>
<td>Project staff could:</td>
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<tr>
<td></td>
<td>- research published models</td>
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<tr>
<td></td>
<td>- provide examples of state, local, and cliented-oriented linkages</td>
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<tr>
<td></td>
<td>- identify and facilitate communication with consultants</td>
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<tr>
<td></td>
<td>- other</td>
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<tr>
<td>II. Perform needs assessment</td>
<td>Project staff could:</td>
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<tr>
<td></td>
<td>- help develop needs assessment instruments or techniques</td>
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<td></td>
<td>- help utilize information already available (e.g. VEDS)</td>
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<td></td>
<td>- identify and facilitate communication with consultants from other states</td>
</tr>
<tr>
<td></td>
<td>- other</td>
</tr>
<tr>
<td>III. Identify goals and objectives</td>
<td>Project staff could:</td>
</tr>
<tr>
<td></td>
<td>- provide examples of goals and objectives developed in other states, and through research efforts</td>
</tr>
<tr>
<td>Process</td>
<td>Possible Technical Assistance Activities</td>
</tr>
<tr>
<td>---------</td>
<td>-----------------------------------------</td>
</tr>
<tr>
<td>III. Identify goals and objectives (cont.)</td>
<td>- help analyze gaps, barriers, and duplications of services in present linkage systems&lt;br&gt;- facilitate coordination efforts and delineation of responsibilities&lt;br&gt;- identify and facilitate communication with consultants from states with exemplary linkage systems&lt;br&gt;- other</td>
</tr>
<tr>
<td>IV. Implement plans</td>
<td>Project staff could: &lt;br&gt;- assist in planning to provide information to parent, advisory, professional, and other groups regarding State linkage project&lt;br&gt;- facilitate the identification of services or materials which could be used in the linkage effort&lt;br&gt;- assist in planning inservice education program&lt;br&gt;- identify and facilitate communication with consultants in the specific linkage area(s) of concern&lt;br&gt;- other</td>
</tr>
<tr>
<td>V. Evaluate linkage efforts</td>
<td>Project staff could: &lt;br&gt;- assist in identifying process or product measures to be used in evaluation&lt;br&gt;- provide examples of linkage evaluation techniques&lt;br&gt;- assist in designing the state's specific evaluation plan&lt;br&gt;- facilitate communication with consultants&lt;br&gt;- other</td>
</tr>
</tbody>
</table>
Wisconsin Vocational Studies Center
University of Wisconsin-Madison

The Wisconsin Vocational Studies Center at the University of Wisconsin-Madison was reorganized with the support of the Wisconsin Board of Vocational, Technical, and Adult Education within the School of Education in 1971. The function of the center is to serve the State of Wisconsin in a unique way by bringing the resources of the University to bear on identified problems in the delivery of vocational and manpower programs—vocational education, technical education, adult education, career education, and manpower training—to citizens of all ages in all communities of the state. The center focuses upon the delivery of services including analyses of need, target groups served, institutional organization, instructional and curriculum methodology and content, labor market needs, manpower policy, and other appropriate factors. To the extent that these goals are enhanced and the foci of problems widened to encompass regional and national concerns, the center engages in studies beyond the boundaries of the state.

Merrill E. Strong, director
Roger H. Lambert, associate director

964 Educational Sciences Building 1025 W. Johnson St. Madison, Wisconsin 53706