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ABSTRACT

This manual presents an instrument (the Dakota Parent Satisfaction Survey) and procedures for evaluating parent satisfaction with early intervention programs. The survey procedures have been used to evaluate seven early intervention programs each year since 1985. Development of the Survey is discussed, including the identification of program goals, drafting and refining of questions for each goal, wording of the response scale, use of a response adjustment factor when parents skip a question, and development of evaluation criteria. Use of survey results to develop a Program Evaluation Report is then detailed with a sample form provided. Survey procedures are explained for four phases, including: (1) conducting the survey (a timetable for conducting and analyzing the survey are suggested and sample cover letters included); (2) calculating results (suggestions for tabulating results and compensating for low response rates are offered); (3) establishing and applying criteria (reflecting both parents' expectations and agency expectations); and (4) interpretation. Appendixes provide additional sample forms and results of applying this evaluation approach. Includes 13 references. (DB)

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Parent Expectations of the Program

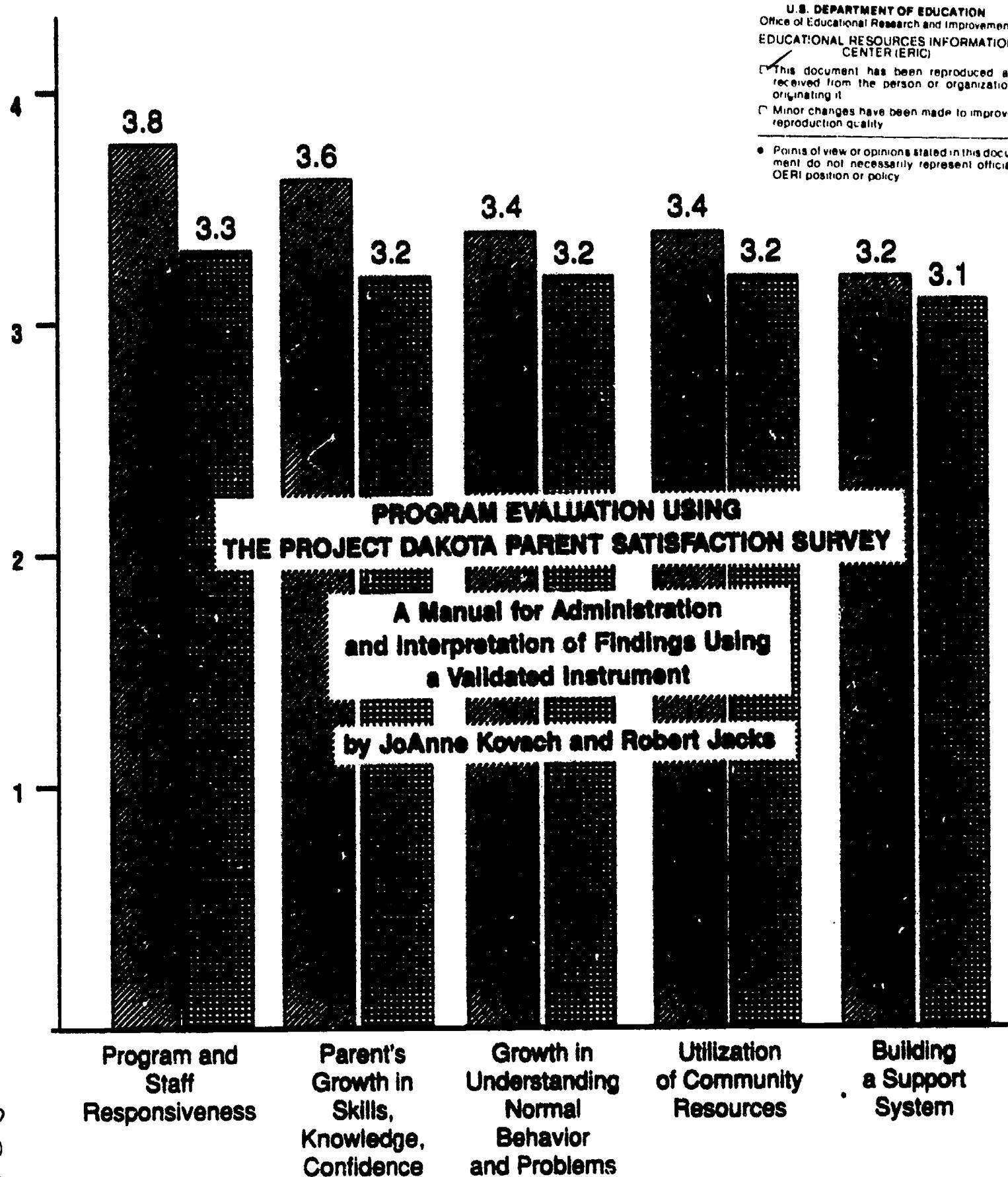
Parent Satisfaction with the Program

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**PROGRAM EVALUATION USING
THE PROJECT DAKOTA PARENT SATISFACTION SURVEY**

**A Manual for Administration
and Interpretation of Findings Using
a Validated Instrument**

by JoAnne Kovach and Robert Jacks

FC 300735
Program and
Staff
Responsiveness

Parent's
Growth in
Skills,
Knowledge,
Confidence

Growth in
Understanding
Normal
Behavior
and Problems

Utilization
of Community
Resources

Building
a Support
System

Project Dakota
680 O'Neill Drive
Eagan, MN 55121
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PROGRAM EVALUATION USING
THE PROJECT DAKOTA PARENT SATISFACTION SURVEY

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and Interpretation of Findings Using
A Validated Instrument

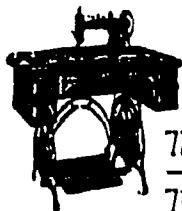
by

JoAnne Kovach

Robert Jacks

June 1989

Project Dakota
Dakota, Inc.
680 O'Neill Drive
Eagan, MN. 55121
(612) 455-2335

ATTENTION

Listed below are clarifications and corrections for users of the manual, Program Evaluation Using The Project Dakota Parent Satisfaction Survey. Thank you for making these adjustments.

1. Turn to page 34. The first paragraph proposes the option of using Dakota's parents' expectation survey results and refers you to Column 8 of the Summary (page 45). Turn to page 45 and find the column titled "PARN'T EXPCT" (parent expectations). If you choose to use Dakota's parents' expectations rather than generating your own then the values shown in Column 8 should be replaced by those shown as POOLED IDEALS on page 72 of the appendix (the right hand column). Using the POOLED IDEAL values provides a more valid indicator of parent expectations because they are built on a larger sample size (N=119). If you choose to poll parents in your own program to establish the parent expectations (page 45, column 8) then compare your adjusted scores (page 45, column 7) with your own program specific values.
2. Turn to page 40. The section titled Parents' Expectation Comparison clearly states that "if the average score, or the adjusted average score for a question is 0.20 or more below the Parents' Expectation score, put a check mark in the " > .2 " column (column 9). This column is more accurately labeled " > .2 ." Please make this correction to the sample summary sheets on page 40 and page 45 and to the blank summary sheet found in Appendix F.
3. Turn to page 6. Goal II, item 3 asks "Because of my participation with the program I enjoy my child more." Many parents have objected to the implication that enjoyment of their child is in any way a function of participation in a program. The resulting responses often score in the disagree range and eventually show up as a program weakness ("training target"). This does not accurately reflect either the intent of the item or of parents' responses. Therefore, we recommend deleting this item from the survey.

* * * * *

Refining a tool like the Parent Satisfaction Survey is an ongoing process. We welcome your comments, questions and suggestions as you apply or adapt the PSS to your program. We also are very interested in learning of results from its implementation. Please address correspondence to: Project Dakota, 680 O'Neill Drive, Eagan, Minnesota 55121.

THANK YOU!

1258J

A Division of Project Dakota

680 O'Neill Drive • Eagan, MN 55121 • 612-945-1000 • FAX 612-945-1002

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INTRODUCTION

Some day soon you will want to ask the parents in your program what they think of the way you are serving the needs of their children - and their own needs as parents. We call this opinion poll the "Dakota Parent Satisfaction Survey" and principally it serves two purposes:

- to tell us what we are doing right and,
- to give us direction in the elements of our program which need improvement.

Unavoidably, you will look upon the results of the survey as a report card, and certainly it will be gratifying to learn that a high percentage of your parents perceive you to be doing a good job. But, more importantly, a good, thorough survey will tell you where the parents think you are missing the mark, and it is here that the survey has its greatest value to the long range effectiveness of your program.

This booklet is the result of several years of program evaluation by Dakota, Inc. The survey procedures presented here have been used to evaluate seven early intervention programs each year since 1985, and by following the step-by-step instructions, you will be able to conduct your own survey and interpret the results. You will have a valid and reliable evaluation of your program.

Developing the Survey Questionnaire

Parent satisfaction surveys are a standard evaluation method in early intervention programs. A review of the results from model programs revealed that they uniformly yielded very positive results, but, the methods used did not provide standards and comparison criteria which could direct the interpretation of results. Since the identification of areas for improvement was a primary Dakota goal, it was decided to standardize the survey instrument and implement strict evaluative techniques.

Begin with Program Goals

The first step was the description of a model or ideal program, and the identification of the best practices in the field. This was accomplished through extensive discussions with staff, consultants, and an in-depth search of the literature. The outcome was the specification of five program goals:

Goal I - to be responsive to the child's and the parent's needs;

Goal II - to provide for growth in the parent's knowledge and skill to plan for and help their child;

Goal III - to assist parents in understanding normal development and behavior;

Goal IV - to help parents in the utilization of community resources; and,

Goal V - to build the family's support system.

Develop Questions for Each Goal

The processes and outcomes which should be addressed by the program services, procedures, and curriculum were identified for each goal. Then, survey questions were drafted describing each process and outcome. A low score on a particular question, therefore, points to remedial action in a specific aspect of programming.

The questions were sorted by goal, supplemented and validated by a panel of eight practicing early childhood special education professionals, each holding at least a Master's Degree in the field. Finally, for clarity and simplicity, the questions were worded at a seventh-grade reading level.

The questions have been refined each year based on the parents' comments and staff input.

Wording and the Response Scale.

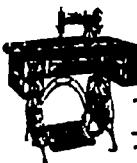
In the survey, each question is presented as a positive statement to which the parents are asked to respond: do they "Strongly disagree?", "Disagree?", "Agree?", "Strongly agree?". This four-item response scale was selected to avoid polite, middle-value responses, and to provide the means for parents to express some degree of satisfaction or dissatisfaction. The positive phrasing is intended to convey that each item should be part of their experience in the program.

The grouping of questions under each goal has been validated by factor analyses. Dakota's experience indicates that including the program goal statement on the survey, and grouping related questions, aids the parent's understanding of the purpose of the survey as well as clarifying program goals and operations.

When Parents Fail to Respond

When a number of parents fail to answer a question, the results from that question present a problem in interpretation. We have developed a "response adjustment factor" which resolves this problem with the assumption that whenever parents skip a question it is in reality a negative response - they are trying to spare us the bad news. While we endorse the use of this factor, try to eliminate the problem by urging your parents to answer every question. (There is more about response rates and their effect on results on page 27.)

Dakota's 1987 questionnaire is shown on the following pages.



Tailor Made Early Intervention
Training and Consultation Services

Project
Dakota

Outreach

PARENT SATISFACTION SURVEY*

Response Number _____

Please indicate how satisfied you are with services you receive from your child's program. For each item put a check to show how strongly you agree or disagree with that statement. Your response to each statement is important - any unanswered items have a negative effect on the final score.

GOAL I - PROGRAM AND STAFF RESPONSIVENESS

STRONGLY DISAGREE	DISAGREE	AGREE	STRONGLY AGREE
----------------------	----------	-------	-------------------

The staff listen and respond to my concerns, questions, and ideas.

SD	D	A	SA
----	---	---	----

In my meetings with staff (for assessments, conferences, monthly updates, etc.), I feel I am an active member of the team and not just a listener.

SD	D	A	SA
----	---	---	----

Although one staff member mainly serves my child, I feel that we receive the expertise of other staff.

SD	D	A	SA
----	---	---	----

Staff give me information that is clear and useful to me.

SD	D	A	SA
----	---	---	----

I feel the program for my child includes what is important to me.

SD	D	A	SA
----	---	---	----

My child's program meets my child's needs.

SD	D	A	SA
----	---	---	----

The help my child is getting is based on his/her individual needs.

SD	D	A	SA
----	---	---	----

I am satisfied with my child's progress since beginning this program.

SD	D	A	SA
----	---	---	----

The help I get fits into our family routines and activities.

SD	D	A	SA
----	---	---	----

The staff respect the limits my family puts on our time and energy for our child's program.

SD	D	A	SA
----	---	---	----

I am informed of a variety of choices for how my child could be served.

SD	D	A	SA
----	---	---	----

* Survey developed by Dakota, Inc., Project Dakota Outreach (612)455-2335

Parent Satisfaction Survey
Page 2

GOAL II - GROWTH IN KNOWLEDGE AND SKILLS FOR HELPING YOUR CHILD

Because of my participation with the program....	STRONGLY DISAGREE	DISAGREE	AGREE	STRONGLY AGREE
....I am more able to look at my child and see what he/she is learning to do.	SD	D	A	SA
....I have learned about helping my child.	SD	D	A	SA
....I enjoy my child more.	SD	D	A	SA
....I know what my child needs to learn.	SD	D	A	SA
....I am aware of how ordinary activities are part of my child's learning and development.	SD	D	A	SA
....I feel more confident about how my family and I are helping our child.	SD	D	A	SA
....I am more aware of how to help my child's development.	SD	D	A	SA
....I have a clearer picture of my child's special needs at this time.	SD	D	A	SA
....I feel satisfied that my child's strengths are being discussed.	SD	D	A	SA
....I know more about how to set goals and strategies for my child.	SD	D	A	SA

Comments: (Please comment if you've checked any items SD or D): _____

Parent Satisfaction Survey
Page 3

GOAL III - GROWTH IN UNDERSTANDING NORMAL BEHAVIOR AND PROBLEMS

Because of my participation with the program....	STRONGLY DISAGREE	DISAGREE	AGREE	STRONGLY AGREE
....I more strongly value my child spending time with children who don't have developmental delays.	SD	D	A	SA
....I am more aware of how my child is like other children.	SD	D	A	SA
....I know more ways to get my child to cooperate.	SD	D	A	SA
....I am getting the help I need to learn about handling my child's behavior.	SD	D	A	SA

Comments: (Please comment if you've checked any items SD or D): _____

GOAL IV - UTILIZATION OF COMMUNITY RESOURCES

Because of my participation with the program....	STRONGLY DISAGREE	DISAGREE	AGREE	STRONGLY AGREE
....I know more about community agencies services, and programs that can help my child or my family.	SD	D	A	SA
....I get help from staff when I want other programs or people to work with me, my child, or my family.	SD	D	A	SA
....I now have contact with services and programs in the community who may help my child or my family.	SD	D	A	SA
....I am satisfied with the communication between my child's team and community resource persons involved in my child's program.	SD	D	A	SA
....I am able to get information that is important to the health and happiness of my family and child.	SD	D	A	SA

Comments: (Please comment if you've checked any items SD or D): _____

Parent Satisfaction Survey
Page 4

GOAL V - BUILDING A SUPPORT SYSTEM

Because of my participation
with the program....

STRONGLY DISAGREE	DISAGREE	AGREE	STRONGLY AGREE
----------------------	----------	-------	-------------------

....my partner/my family are more
involved in my child's learning.

SD	D	A	SA
----	---	---	----

....I have more friends or other children
helping me help my child.

SD	D	A	SA
----	---	---	----

....staff helped the people I know be more
caring and understanding of my child.

SD	D	A	SA
----	---	---	----

....staff helped me get to know other
people who are caring and understanding.

SD	D	A	SA
----	---	---	----

....I have gotten support from other parents.

SD	D	A	SA
----	---	---	----

....I feel less alone as the parent of
my child.

SD	D	A	SA
----	---	---	----

....staff are willing and able to help my
family and friends when we have concerns
or questions about my child.

SD	D	A	SA
----	---	---	----

Comments: (Please comment if you've checked any items SD or D): _____

My child is ____ years ____ months old.

Signature (optional) _____

1092J

THANK YOU FOR GIVING US THIS FEEDBACK!

Parent Satisfaction and Other Variables

A variety of variables (listed below) have been tested for any relationship with parents' satisfaction scores. No correlations were found for the

- child's age
- severity of handicap
- time in the program
- mother employed / mother a homemaker
- frequency of staff contact
- frequency of home visits
- frequency of in-center sessions
- frequency of parent / child sessions
- number of days in community programs.

We did find, however, that programs offering a greater variety of intervention options received higher satisfaction ratings than did those with static and limited service menus.

Develop Evaluation Criteria

A four-point scoring system was used to convert the questionnaire responses to an average score per question. Then, two evaluative criteria were developed for use in interpreting the survey results: one based on what the parents expect from the program (The Parents' Expectation Criteria, see p.33); and one based on the level of parent satisfaction which Dakota expects the program to meet (The Agency Expectation Criteria, p.41). These criteria were applied individually and then in combination to provide a performance rating for every question: "Very Good", "Good", "Marginal", and "Of Concern".

The Program Evaluation Report

The Program Evaluation Report (following two pages) presents the final results of the Parent Satisfaction Survey. It identifies Program Strengths - those program areas rated "Very Good" and "Good" by the survey interpretation procedures, and Training Targets - those program areas rated "Marginal" and "Of Concern".

This is what you are after. It tells you what you need to know about the current status of your program and where to direct your efforts to make it better.

PROGRAM EVALUATION REPORT - 1987

Rating Key: Program Strength (PS) = Very Good (VG), Good (G)
 Training Target (TT) = Marginal (M), Of Concern (OC)

Team	Dakota-8	Rating
		PS : TT

GOAL I PROGRAM AND STAFF RESPONSIVENESS

- | | | |
|----|---|----|
| 1 | Staff listen and respond to my concerns | VG |
| 2 | I am an active team member, not just a listener | VG |
| 3 | We receive the expertise of other staff | VG |
| 4 | Staff give clear, useful information | VG |
| 5 | My child's program includes what is important to me | VG |
| 6 | My child's program meets my child's needs | M |
| 7 | The program is based on individual needs | VG |
| 8 | I am satisfied with my child's progress | M |
| 9 | The programming fits our family routine | VG |
| 10 | Staff respect our family limits of energy and time | VG |
| 11 | I've been given choices of service options | VG |

GOAL II GROWTH IN KNOWLEDGE AND SKILLS FOR HELPING THE CHILD

- | | | |
|----|---|----|
| 1 | I am able to see what my child is learning | M |
| 2 | I've learned about helping my child | VG |
| 3 | I enjoy my child more | VG |
| 4 | I know what my child needs to learn | M |
| 5 | I see how ordinary activities are part of development | VG |
| 6 | I feel more confident about helping my child | G |
| 7 | I am aware of how to help my child's development | M |
| 8 | I have a clearer picture of my child's special needs | M |
| 9 | My child's strengths and needs are discussed | VG |
| 10 | I know more about how to set goals for my child | M |

	Rating
PS	TT

GOAL III GROWTH IN UNDERSTANDING NORMAL DEVELOPMENT & BEHAVIOR

- 1 I value my child's time with other children _____ OC
- 2 I am aware of how my child is like other children _____ M
- 3 I've learned ways to get my child to cooperate _____ OC
- 4 I've gotten help handling my child's behavior _____ M

GOAL IV UTILIZATION OF COMMUNITY RESOURCES

- 1 I know about other community resources for my child/family _____ G
- 2 Staff helps me when I need to know about other resources _____ M
- 3 I have greater contact with community services/programs _____ OC
- 4 Satisfactory communication between staff & other services _____ VG
- 5 I am able to get information important to my child/family _____ M

GOAL V BUILDING A SUPPORT SYSTEM

- 1 My partner/family is more involved with my child _____ OC
- 2 More people are helping me with my child _____ OC
- 3 Staff helped people I know to be more understanding _____ OC
- 4 Staff helped me get to know other caring people _____ M
- 5 I've gotten support from other parents _____ OC
- 6 I feel less alone as parent of my child _____ OC
- 7 Staff will help when family/friends have concerns _____ G

PHASE 1

CONDUCTING THE PARENT SATISFACTION SURVEY

Survey Phases

The table on the facing page shows the order and a general timetable for conducting the survey. It will also serve as a guide to the "Survey Procedures" section (pages 16-50). Note that the overall effort is divided into four phases.

- Phase 1. Conducting the Parent Satisfaction Survey.
- Phase 2. Calculating the Survey Results.
- Phase 3. Establishing Criteria for Interpreting the Survey Results; and,
Identifying Program Strengths and Weaknesses.
- Phase 4. Interpretation.

You can readily see that the process is long. It is important that administrators understand that conducting and interpreting a valid survey takes time and effort. The experience at Dakota, Inc. shows that the results are worth this effort. The survey results focused staff training and brought about significant positive changes in the parents' evaluation of the program.

Note: Phase 3 may be shortened by about one month if you accept Dakota's validated "Parents' Expectation Criteria" instead of developing your own data. These criteria, used in interpreting the survey results, are explained on pp.33-40.

TIMETABLE AND PAGE GUIDE

Pg	WEEK												
	1	-	4	5	6	7	8	9	10	11	12	13	14
<u>PHASE 1 Parents' Satisfaction Survey</u>													
16	Send out questionnaires		*										
18	Send out follow-up letters		-----*										
20	Complete follow-up calls		-----*										
<u>PHASE 2 Calculating Results</u>													
22	Tabulate responses and calculate mean values		-----*										
27	Adjust for survey response rate		-----*										
<u>PHASE 3 Establishing and Applying Criteria</u>													
33	<u>Parents' Expectation Criteria</u>												
36	Select random sample		-----*										
36	Send out questionnaires		-----*										
40	Tabulate responses and calculate mean values		-----*										
40	Apply parents' criteria		-----*										
41	<u>Agency Expectation Criteria</u>												
43	Calculate distributions and apply agency criteria		-----*										
44	<u>Final Rating: Strengths and Training Targets</u>		-----*										
47	<u>PHASE 4 Interpretation</u>												

The Cover Letter

This is a cover letter which accompanied the questionnaire on one of Dakota's surveys.

A cover letter should address the following:

- the purpose of the survey
- the expected response date
- any identity coding
- the effect of non-responding
- who will see their responses
- how the results will be used
- the way the results will be presented.

Anonymity. We have found, as have other researchers, that most parents do not mind signing their name. We made it optional, and assigned an identifying code which permitted tracking survey responses. It is important that any such code be explained.

Respondent Coding. To track those surveys which had not yet been returned, and to facilitate later analyses by client, by training site, by team, and by staff member classification, Dakota developed an identifying code for each questionnaire. The following example is explained below:

127 - 33 - 1 .

127 = Client number.

33 = first digit is the Site number (for Dakota 1 - 7),
second digit is the Team number (1 - 3).

1 = classification of the staff member who has the primary responsibility for the family:

- 1 = teacher,
- 2 = occupational therapist,
- 3 = speech therapist.



DAKOTA
Challenge - a resource
center for parents

February 16, 1987

Dear Parents:

We wish to know how satisfied you are with the services of Dakota, Inc. Your responses to the attached survey will help us to evaluate our services to you and your child. Please complete the questionnaire and return it to the main office by Friday, March 6th. An envelope is provided for you.

The survey is coded for use by the Director of Evaluation so that your responses can be matched with the kinds of service you are receiving (eg. home visit, in-center, community based etc.). This will give us the best understanding of how satisfied families are with the different services we provide. You may choose whether you wish to sign your name but it is important to know that your responses will not be shared individually with anyone. Your responses will be combined with responses from other parents; teams will receive a summary of the feedback provided by a group of parents.

The Parent Satisfaction Survey is intended to be an easy and effective means of getting your input in evaluating services and guiding future decisions. Results will be shared in the Dakota Challenge - watch for them or contact me if you're interested in more information.

Your comments are invited. Your time and willingness to complete the survey are very much appreciated. Thank you!

Sincerely,

DAKOTA, INC.

Jean Mendenhall
Director of Training and Evaluation

PS: Your response counts! We need 100 percent of surveys completed for results to be most valid.

JM:a1
0177J

23

Families With More Than One Child receiving services are not uncommon. In these cases, parents fill out a separate survey for each child. This method reflects the added emphasis on parent satisfaction which we felt was important when parents were coping with more than one special needs child.

Non-Readers. Staff who know of parents who are non-readers or who otherwise have difficulty reading, can suggest to these parents that a friend or a family member can help them to complete the survey or that the office staff are available to give the survey over the telephone.

Follow-up

To boost your response rate you'll need to contact those parents who haven't answered. Two methods are used: first, letters with a new copy of the questionnaire are sent out; then, follow-up phone calls are made.

In Phase 1 of the timetable (p.15), you will note the allowance of three weeks between the initial questionnaire mailing and the follow-up letter, and then two more weeks until the follow-up calls are made. The literature on conducting successful mail surveys recommends these intervals .

The importance of getting more than 70% of your parents to respond is discussed on page 27.



DAKOTA
Developmental Agency for
Kinder, Adolescent & Adult Services

March 16, 1987

Dear

At the risk of being pesky I am sending you another copy of the Parent Satisfaction Survey with my sincere request that you take a few minutes to complete it. Our goal is to hear from all families served by Dakota's Early Intervention staff. Your response is important: if a family does not respond to the survey, the team's overall score is lowered. You can help provide us with valuable guidance in planning services for the future. Your responses will remain confidential.

Please take the time to complete the survey TODAY and return it to me in the enclosed envelope. Thank you!

Sincerely,

DAKOTA, INC.

Jean Mendenhall
Director of Training and Evaluation

JM:sf

Enc.

P.S. Surveys that are not returned and items that are left blank both have a negative effect on survey scores. However, if you choose not to complete the survey, please return the blank form so we will be aware of your decision.

0237J

2

Letters. As surveys are returned, use the identification codes to check them off your master list. Send a second "wave" of letters to those who did not respond. There's an example of a follow-up letter on page 19. It's important to mention in this letter that when a family does not respond to the survey, the non-reply is treated as a negative response and it lowers the overall score.

Again, keep a record of the surveys returned from the second wave. A third effort is made by phone.

Phone calls. The phone call reminder is made 2 weeks after the follow-up letter. It can be a standardized, clerical procedure, as shown below. To help some families (like the non-readers) you might volunteer to fill out a survey form over the phone.

Instructions to Persons Making Phone Calls to Parents

First, identify yourself as from Dakota, Inc. Then say -

1. I'm calling to ask you about the Parent Satisfaction Survey which was mailed to you in (month). Do you recall getting it in the mail? (pink, with self-addressed, stamped envelope)
2. We value the information/feedback that only you can provide. Is there something we can do to encourage or assist you in completing the survey?
3. Do you plan to return your survey?
4. We're holding any analysis until all the surveys are received. How soon can you get it to us?

Record calls completed on the Master List.

Keep a list of parents willing to do the survey by phone. Ask when is a good time to call. Say you will call at their convenience.

PHASE 2

CALCULATING RESULTS

Tabulating Responses

Summarizing the results of the questionnaires is the next step in the parent survey procedure. Once this is done, an average score for each question is calculated. These average scores are the basic output of the survey.

Parent Survey Results

Use this form for summarizing the results of the questionnaires and calculating the average scores.

1. From each questionnaire, enter the response to each question in the appropriate response column using a slash mark.
2. When all of the questionnaires have been tabulated, add the marks in each box and write in the sum. Then, for each question, add these numbers and write the sum in the TOTAL RSPNS (total responses) column. This tells you how many people answered each question.
3. To calculate the score for each question, multiply the number of marks in each box by its column value (e.g. Agree=3) and enter the results in the SCORES column, as shown. Add these scores and write the sum in the TOTAL SCORE column.
4. Divide the TOTAL SCORE by the TOTAL RSPNS to calculate the AVG SCORE (average score) for each question.

You may want to calculate an average score for each program goal. Goal averages are very useful in general descriptions of survey outcomes (for a report to your Advisory Board, for example). To do this, sum the averages for each question in the goal and divide by the number of questions in that goal. See the example in Appendix A.

PARENT SURVEY RESULTS

G C A L Q	STRNG (SD=1)	DISAG (D=2)	AGREE (A=3)	STRONG AGREE (SA=4)	TOTAL RSPNS	SCORES SD+D+A+SA	TOTAL SCORE	AVG. SCORE
I								
1				5		18	23	15+72
2				6		17	23	18+68
3				9		11	20	27+44
4				8		15	23	24+60
5				10		11	22	2+30+44
6				11		9	21	2+33+36
7				7		15	22	21+60
8				11		9	21	2+33+36
9				8		15	23	24+60
10				9		14	23	27+56
11				10		13	23	30+52
II								
1				10		10	21	2+30+40
2				7		14	22	2+21+56
3		2		7		11	20	4+21+44
4				11		9	21	2+33+36
5				9		13	22	27+52
6				12		10	22	36+40
7		2		12		7	21	4+36+28
8		2		10		9	21	4+30+36
9				10		12	22	30+48
10				15		5	20	45+20
III								
1		3		13		7	23	6+39+28
2		3		11		8	22	6+33+32
3		3		14		6	23	6+42+24
4		2		13		6	21	4+39+24
IV								
1				12		8	21	2+36+32
2				9		7	16	27+28
3		2		12		6	18	4+30+24
4		2		8		11	21	4+24+44
5		4		13		5	22	8+39+20
V								
1		4		11		7	22	8+33+28
2				10		4	20	1+20+12+20
3				6		4	12	4+18+16
4				6		8	16	4+18+32
5				6		4	16	12+18+16
6		3		9		4	16	6+27+16
7				12		9	21	36+36

Summary Page Entries

The Summary page (facing) is used for data collection, calculations, and ultimately in the presentation of survey results.

The Average Scores and the Total Responses are entered on the Summary page under the BASIC RESULTS heading (Col.3 and Col.4).

SUMMARY

G O A L O	BASIC RESULTS		RESPONSE ADJ		AGENCY CRITERIA TEST										FINAL RATING		
	AVG	TTL	RSPN	N	ADJ	PARN	>	STRNG	SD+D	STRNG	Cum	AGREE	PS	TT	PS	TT	
I	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	3.78	23															
2	3.74	23															
3	3.55	20															
4	3.65	25															
5	3.45	22															

Other items from the Parent Survey which should be entered at this time are the number of responses in each box for the Strongly Disagree, Disagree, and Strongly Agree answers. These are entered in the appropriate "n" columns (10,12,15) under the AGENCY CRITERIA TEST heading (discussed later). Note: Be Careful! the "Agree" responses are not used in this test.

SUMMARY

G O A L O	BASIC RESULTS		RESPONSE ADJ		AGENCY CRITERIA TEST										FINAL RATING		
	AVG	TTL	RSPN	N	ADJ	PARN	>	STRNG	SD+D	STRNG	Cum	AGREE	PS	TT	PS	TT	
I	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1								-	-				18				
2								-	-				17				
3								-	-				11				
4								-	-				15				
5								-	/				11				
6								-	/				9				

Also, in the "Expected Responses" space at the bottom of the page, enter the total number of questionnaires sent out.

Expected Responses = 27 (Number of questionnaires sent out.)

SUMMARY

G O A L L O	BASIC RESULTS			RESPONSE ADJ			> EXPCT.	2 n	AGENCY CRITERIA TEST			FINAL RATING						
	AVG SCOR	TTL RSPN	RSPN %	C H N G	ADJ SCOR	PARNT			STRNG DISAG	SD+D DISAG	Cum n	STRNG AGREE	RATNG	PS	TT			
	3	4	5	6	7	8			9	10	11	12	13	14	15	16	17	18
I	1																	
I	2																	
I	3																	
I	4																	
I	5																	
I	6																	
I	7																	
I	8																	
I	9																	
I	10																	
I	11																	
II	1																	
II	2																	
II	3																	
II	4																	
II	5																	
II	6																	
II	7																	
II	8																	
II	9																	
II	10																	
III	1																	
III	2																	
III	3																	
III	4																	
IV	1																	
IV	2																	
IV	3																	
IV	4																	
IV	5																	
V	1																	
V	2																	
V	3																	
V	4																	
V	5																	
V	6																	
V	7																	

Expected Responses = _____ (Number of questionnaires sent out.)

SURVEY RESPONSE RATE

There is a curious thing about surveys: the longer people wait to respond, the lower, or more neutral, their satisfaction ratings. Researchers have analyzed responses by the date of return and they have found that when less than 70% of the sample respond, their scores are biased on the high side.

The following table provides guidelines for adjusting the average scores for lower response rates. (See References: Daniel, W.W., 1975.)

<u>If the RESPONSE RATE is</u>	<u>Reduce the AVERAGE SCORE by</u>
70% or more	No Change
65 - 69%	.10
60 - 64%	.20
55 - 59%	.30
50 - 54%	.40
45 - 49%	.50
40 - 44%	.60

If, for example, the response rate is 50% and the average score is 3.20 for a question, the score would probably have been closer to 2.80 if the response rate had been 70%. These adjustments are based on Dakota's experience and they are supported by the figures of other researchers.

The application of the survey response rate factor is shown in the RESPONSE ADJUSTMENT section of the Summary sheet.

Response Adjustment

As we noted above, if less than 70% of the families answer a question, the average score may represent only the more satisfied parents. To identify the average scores which need to be adjusted, we must calculate the response rate.

$$\text{RSPNS \%} = \frac{\text{Total Responses}}{\text{Expected Responses}} \times 100$$

1. On the Summary form, the data for the average score (AVG SCOR) and total response (TTL RSPN) columns (3 & 4) were entered earlier from the PARENT SURVEY RESULTS. The Expected Responses number is at the bottom of the page. (In the example, 27.)
2. The response percentage (RSPN %), column 5, is calculated using the formula above.

Simplification note: Since we are only concerned with those questions where the TTL RSPN provides a RSPN % which is less than 70%, multiply the Expected Responses by 0.70 to find the breakpoint. In the example, the

$$\text{Breakpoint} = 27 \times .70 = 18.9 ,$$

which means the Response Adjustment will only be applied to those questions where the TTL RSPN is 18, or less.

SUMMARY

G O A L Q	BASIC RESULTS		RESPONSE ADJ		AGENCY CRITERIA TEST										FINAL RATING					
	Avg	TTL	RSPN	%	C	H	STRNG	SD+D	STRNG	Cum	AGREE	n	%	n	%	n	%	RATNG	PS	TT
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
V	1	3.14	22																	
	2	2.65	20																	
	3	3.17	12	44																
	4	3.38	16	59																
	5	2.88	16	59																
	6	3.06	16	59																
	7	3.43	21																	

Expected Responses = 27 (Number of questionnaires sent out.)

3. The amount of the reduction in the average score is found in the response adjustment chart, page 27. It is entered in the "Change" (CHNG) column 6.

4. Subtracting the amount of change from the average score provides the entry in the adjusted score (ADJ SCOR) column 7.

SUMMARY

G O A L O	BASIC RESULTS		RESPONSE ADJ			AGENCY CRITERIA TEST										FINAL RATING							
	AVG	TTL	RSPN	C H N G	ADJ	PARNT	>	STRNG	SD+D	STRNG	Cum	AGREE	EXPCT.	2	n	%	n	%	n	%	RATNG	PS	TT
	3	4	5	6	7		8	9	10	11	12	13	14	15	16	17	18	19					
V	1	3.14	22																				
	2	2.65	20																				
	3	3.17	12	44	.60	2.57																	
	4	3.38	16	59	.30	3.08																	
	5	2.88	16	59	.30	2.58																	
	6	3.06	16	59	.30	2.76																	
	7	3.43	21																				

Expected Responses = 27 (Number of questionnaires sent out.)

PHASE 3
ESTABLISHING AND APPLYING
CRITERIA

Criteria: What Do the Scores Mean?

Once the average scores have been calculated, the question is "What do they mean?". On our four point scale, a score of 3.2 is a positive result, but how good is it? Does a score of 2.8 mean that the majority of the parents are not satisfied?

Dakota has developed evaluation procedures which provide criteria for interpreting survey results on two levels:

Part A - The Parents' Expectations

- ideally, what do the parents value?

Part B - The Agency's Expectations

- to what degree do we expect the program to be satisfactory to most of the families?

The following sections are devoted to a discussion of these procedures.

PART A

The Parents' Expectation Criteria

A separate survey is required to develop the Parents' Expectation Criteria. It uses the same questionnaire format as the general survey. Parents are asked to rate each question on the basis of "How important is it?" Possible responses are: "not important at all", "little importance", "it is important", "very important". (See the example of this survey on page 35.) In scoring, the four-point scale is used, as before, and the same procedures described in the previous section are used to calculate an average score for each question. These averages are called the "Parents' Expectations".

Dakota has made the parents' expectation survey an extension of the overall parents' satisfaction process each year. You have the option to

- follow the instructions, below, and do your own parents' expectation survey, or ;
- use Dakota's parents' expectation survey results (Col.8 of the Summary, p.45), which is a valid alternative. It will save you at least a month and a lot of hard work. See Appendix C on this subject.

When to Conduct the Survey (If you decide to do your own.)

Questionnaires are sent out two months after the general survey is sent out. While the expectation survey is in progress, work on the general survey and the Agency Expectation Criteria (Part E) can be completed. However, the principal reason for the separation between surveys is to define them as two distinct activities, which are conducted for different purposes.

Sampling

The Parents' Expectation data is developed from a random sample of the total number of families. This sample needs to be selected so that it is likely that it represents the views of everyone. Two factors are involved: the number of families in the sample, and the selection of the families to be in the sample.

IMPORTANCE RATING

Dakota, Inc.

Response Number _____

How IMPORTANT is each item to you?

GOAL I - PROGRAM AND STAFF RESPONSIVENESS

NOT IMPT AT ALL	LITTLE IMPORTANCE	IT IS IMPT	VERY IMPT
--------------------	----------------------	---------------	--------------

The staff listen and respond to my concerns, questions, and ideas.

NI	LI	I	VI
----	----	---	----

In my meetings with staff (for assessments, conferences, monthly updates, etc.), I feel I am an active member of the team and not just a listener.

NI	LI	I	VI
----	----	---	----

Although one staff member mainly serves my child, I feel that we receive the expertise of other staff.

NI	LI	I	VI
----	----	---	----

Staff give me information that is clear and useful to me.

NI	LI	I	VI
----	----	---	----

I feel the program for my child includes what is important to me.

NI	LI	I	VI
----	----	---	----

My child's program meets my child's needs.

NI	LI	I	VI
----	----	---	----

The help my child is getting is based on his/her individual needs.

NI	LI	I	VI
----	----	---	----

I am satisfied with my child's progress since beginning this program.

NI	LI	I	VI
----	----	---	----

The help I get fits into our family routines and activities.

NI	LI	I	VI
----	----	---	----

The staff respect the limits my family puts on our time and energy for our child's program.

NI	LI	I	VI
----	----	---	----

I am informed of a variety of choices for how my child could be served by Dakota (goals, strategies and services).

NI	LI	I	VI
----	----	---	----

How many? The following chart shows the minimum sample size you will need.

TOTAL NUMBER OF FAMILIES	% YOU WILL NEED	NUMBER OF RESPONDENTS YOU NEED
10	100%	10
20	68%	14
30	55%	17
40	47%	19
50	40%	20
60	34%	20
70	29%	20
80	25%	20
90	22%	20
100	20%	20

- If there are more than 100 families, then the sample should be at least 20% of the total.
- Generally, you will have to send out 30 surveys to get 20 back. Keep sending until you receive the number you need.

Who's in the sample? There is a table of random numbers on the following page which is used to facilitate the selection of things "at random". For example, to select thirty families (out of one hundred) to receive the Parents' Expectation Survey:

- a. take a list of the family names numbered consecutively from 1 to 100;
- b. starting at any point in the table, move down the column reading thirty 2-digit numbers, as shown; then
- c. match the numbers selected with the corresponding names on the list.

Random Numbers

Line \ Col.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	10180	15011	01530	02011	81047	01040	00170	14104	02500	30207	20000	00570	01201	00700
2	22308	40573	25505	85303	30005	80108	27082	53102	03005	34005	52000	10174	30015	00505
3	24130	48300	22527	07205	70303	04800	15170	24830	40340	32081	30080	10055	03348	58020
4	42107	03003	00243	01080	07850	10370	30440	53537	71341	57004	00840	74017	07768	10370
5	37570	→ 30075	81837	10050	00121	01782	.00408	81305	40084	00072	14110	00027	01203	54013
	<i>END</i>													
6	77021	00007	11008	42751	27750	53408	18002	70050	00055	15053	21010	81825	44304	42880
7	00502	72005	50420	00004	08872	01010	71104	18738	44013	48640	03213	21000	10034	12052
8	00301	01077	05403	07072	18870	20022	04605	50800	00014	00045	18426	84003	42608	32307
9	80370	14342	03001	10281	17453	18103	57740	84378	26331	12500	58078	44047	05686	50041
10	85175	80357	53342	53088	53000	50533	38807	02300	08158	17083	10430	11458	18593	64052
11	28018	00678	88231	33270	70007	70030	50805	05850	00100	31505	01547	85500	91010	78188
12	03553	40001	48235	03427	40020	00445	18003	72005	52180	20847	12234	00511	33703	00322
13	00420	03000	52030	02737	88074	33488	30320	17017	30015	08272	84115	27150	30013	74052
14	10305	01120	87520	86089	48237	52207	07080	03304	01511	20358	85104	20285	20075	80808
15	07110	07036	71048	08178	77233	13010	47504	81050	07735	85077	20372	74401	28551	00707
16	51085	12705	51821	51250	77452	10308	00750	02144	40442	53000	70000	03000	75001	40710
17	02408	21382	52404	00208	80308	10885	55322	44810	01188	05255	04835	44010	05044	55157
18	01011	51002	33302	04004	31273	04140	18504	20852	71585	85030	51132	01015	02747	04051
19	52102	53010	40300	58580	23210	14513	83140	08730	23405	04350	04738	17752	35150	35740
20	07050	07028	33787	00008	42008	00001	70088	13002	51851	40104	88010	10500	25025	58104
21	48003	01245	85828	14340	00172	30108	00229	04734	50103	22178	30421	01000	00004	32812
22	54104	58502	22421	74103	47070	25300	70408	20384	58151	00040	21524	15227	00000	44502
23	32030	32303	05507	24200	13303	38005	04342	28728	35800	06012	17012	04101	18200	22851
24	20334	27001	87037	87308	58731	00250	46834	15308	40557	41135	10307	07084	30188	18510
25	02488	33002	28834	07351	10731	02420	00052	01280	50001	07058	82580	80070	50720	04053

The following page shows a cover letter which accompanied the Parents' Expectation questionnaire on one of Dakota's surveys.



DAKOTA
Parent Satisfaction Survey
Evaluation Resource Committee

April 20, 1987

Dear

The parent satisfaction survey that you filled out in May or early June asked you to rate how satisfied you were with our services. Thanks for doing that.

The questions on the survey came from Dakota's agency goals. We now need to learn how important each of these are to you. You can give this information by filling out this form. It has the same statements as the satisfaction survey. This time, we'd like you to check how important each item is for you. This will help us improve our services.

Check one of the four choices for each question from "very important" to "not important at all". Send the form back to me in the enclosed envelope by April 31, 1987. Feel free to make comments or to add more goals.

Thank you for your time.

Sincerely,

DAKOTA, INC.

Jean Mendenhall
Director of Evaluation

JM:sf

Enc.

0210J

Part A Results: The Parents' Expectation

As mentioned earlier, the results of the Parents' Expectation survey are summarized in the same way as in the general survey, using essentially the same form as that shown on page 23, and leading to the calculation of an average score for each question. This average score becomes the "Parents' Expectation".

The scores calculated from the Satisfaction survey data are now compared to these expectations and rated. Evaluators have found that a difference of 0.2 is meaningful. (See References: Davis, L.N., 1974). A score of 3.1 on a question in the general survey, for example, will not be rated satisfactory if the Parents' Expectation level is 3.5.

Parents' Expectation Comparison

1. Entries in the Parents Expectation (PARNT EXPT) column of the Summary page (Col.8) are taken from the results of the Parents' Expectation Survey, as shown.
2. If the average score, or the adjusted average score for a question is 0.20 or more below the Parents' Expectation score, put a check mark in the ".2" column (Col.9).

SUMMARY

G	O	A	L	BASIC		RESPONSE ADJ		PAK	>	AGENCY CRITERIA TEST						FINAL					
				RESULTS	C	H	N			DISAG	DISAG	SD+D	STRNG	Cum	AGREE	n	%	n	%	RATNG	PS
V	Q	A	SCOR	RSPN	%	G	SCOR	EXFC	2	10	11	12	13	14	15	16	17	18	19	PS	TT
1	2	-								3.43											
2	2.65									2.47											
3										2.57											
4										3.15											
5										2.58											
6										2.76											
7	3.43									3.61											

Expected Responses = _____ (Number of questionnaires sent out.)

PART B
Agency Expectation Criteria

The Parents' Expectation score is based on a comparison of average values only. This exposes us to some hazard because an important dimension is missing: the distribution of the responses - how many people checked each response?

Consider the following two distributions which have the same average (mean) score.

	NUMBER OF RESPONSES *				TOTAL RSPNS	TOTAL SCORE	AVG. SCORE
	STRONG DISAGREE	DISAGREE	AGREE	STRONG AGREE			
	(SD=1)	(D=2)	(A=3)	(SA=4)			
CASE A	1	8	91	0	100	290	2.90
CASE B	1	36	35	28	100	290	2.90

*Since the Total Responses = 100, the individual response numbers convert readily to the same number of percentage points.

If the Parents' Expectation is 2.90, then we are meeting this standard in both cases. However, in Case A, no parent expresses high satisfaction; and in Case B, 37% of the parents are not satisfied with the service they are receiving. The distribution of responses is information which is critical if our goal is to identify program areas needing improvement. This information is lost if only the mean is used in comparing outcomes.

The Agency Criteria test addresses this problem. It uses combinations of the distributions of responses for Strongly Disagree (SD), Disagree (D), and Strongly Agree (SA) to provide a performance rating for each question, as shown below in tabular and graphic form. Note: This test does not use the "Agree" rating, which is regarded as neither strength nor weakness.

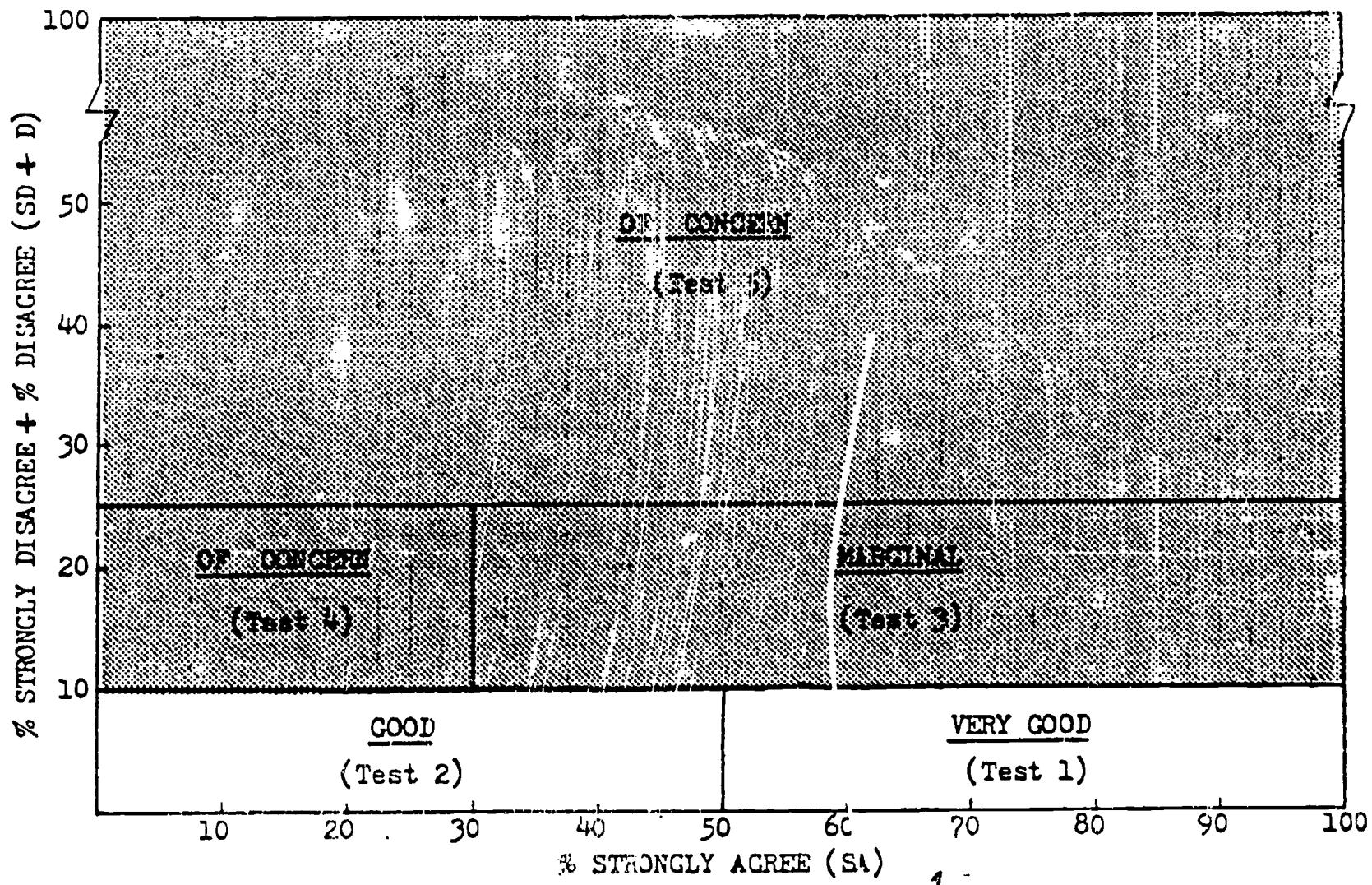
<u>TEST</u>	<u>CRITERIA TABLE</u>			<u>RATING</u>
1	If SD+I = 10% or less,	<u>and</u>	SA = 50% or more	Very Good
2	If SD+D = 10% or less,	<u>and</u>	SA = less than 50%	Good
3	If SD+D = 11% to 25%	<u>and</u>	SA = 30% or more	Marginal
4	If SD+D = 11% to 25%	<u>and</u>	SA = less than 30%	Of Concern
5	If SD+D = 26% or more			Of Concern

Using these criteria:

Case A (SD+D=9% & SA=0%) would be rated "Good" (test 2); and,
 Case B (SD+D=37%) would be rated "Of Concern" (test 5).

CRITERIA GRAPH

This graph provides a quick reference to the Agency Criteria, above. It shows that initially the "SD+D" score determines the rating level as either a program strength or a weakness (shaded area); then, the degree of strength or weakness is determined by the "SA" score.



The procedures for calculating the distribution percentages and applying the Agency Criteria are described in the next section.

Agency Criteria Test

1. On the Summary page, the "n" values for the STRONG DISAGREE, DISAGREE, and STRONG AGREE columns are taken directly from the PARENT SURVEY RESULTS page (you've probably entered them in Col.10, 12, 15 already).
2. Each "n" value is divided by its corresponding total response value (TOTAL RSPNS, Col.4) and then multiplied by 100 to calculate the distribution percentage (%) for each column (Col.11, 13, 16).

If there are entries in both Col.11 and 13, add them and enter the "Cumulative %" in Col.14.

(Goal I, Q1) STRONGLY AGREE = $18/23 \times 100 = 78\%$

(Goal V, Q2)	STRONGLY DISAGREE	=	$1/20 \times 100 = 5\%$
	DISAGREE	=	$10/20 \times 100 = 50\%$
	SD+D	=	55%

STRONGLY AGREE = $5/20 \times 100 = 25\%$

3. Apply the agency criteria to determine the performance rating.

RATING

(Goal I, Q1) SD+D = 0 and SA = 78% Very Good (VG)

(Goal V, Q2) SD+D = 55% and SA = 25% Of Concern (OC)

SUMMARY

G	BASIC		RESPONSE		C	AGENCY CRITERIA TEST												FINAL RATING	
	RESULTS		H			STRNG		DISAG	DISAG	Cum	STRNG	AGREE							
A	AVG	TTL	RSPN	N	ADJ	PARNT	>	SCOR	EXPCT.	2	n	%	n	%	n	%	RATNG	PS	TT
L	Q	SCOR	RSPN	%	G	SCOR	EXPCT.	2	n	11	12	13	14	15	16	17		18	19
V																			
1		22								4	18		7	32	M				
2		20								5	10	50	55	5	25	O			
3		2								2	17		4	33	M				
4		.								2	13		8	50	M				
5		.								6	36		4	25	O				
6		.								3	19		4	25	O				
7		.											9	43	G				

Expected Responses = _____ (Number of questionnaires sent out.)

Final Rating

For each question, we now have on the Summary page (p. 45):

1. Col.3 - the Basic Average Score ;
2. Col.7 - the Adjusted Average Score, applicable when the parents' response rate to the question fell below 70% ;
3. Col.8 - the Parents' Expectation average score ;
4. Col.9 - a check mark, showing when the Basic Average Score, or the Adjusted Average Score, is less than the Parents' Expectation average score by at least .20 ;
5. Col.17 - the Agency Criteria rating, which is based on the number of "strong disagree", "disagree", and "strong agree" responses.

The Agency Criteria rating is the final rating, except for those questions which did not meet the Parents' Expectation test (check mark). Lower the rating on these questions by one grade. For example, in Goal I, question 6, change the Agency Criteria rating of "Good" to a final rating of "Marginal".

1. Enter all Very Good (VG) and Good (G) ratings in Col.18, to identify them as Program Strengths (PS).
2. Enter all Marginal (M) and Of Concern (OC) ratings in Col.19, to identify them as Training Targets (TT).

This completes the calculations and ratings (Congratulations!).

Now you are ready to attach meanings to the scores and look for patterns. In the next section we'll examine how the Program Strengths and Training Targets are used to develop a comprehensive evaluation of your program.

SUMMARY

GOAL	BASIC RESULTS		RESPONSE ADJ					>	AGENCY CRITERIA TEST								FINAL RATING			
	AVG	TTL	RSPN	C	H	N	G		ADJ	PARNT	EXPCT.	STRNG	SD+D	STRNG	Cum	AGREE	RATNG			
	L	O	SCOR	RSPN	8	6	7		SCOR	8	9	10	11	12	13	14	15	16	17	PS
I	1	3.78	23						3.90								18	78	VG	VG
	2	3.74	23						3.57								17	74	VG	VG
	3	3.55	20						3.43								11	55	VG	VG
	4	3.65	23						3.70								15	65	VG	VG
	5	3.45	22						3.47				1	5			11	50	VG	VG
	6	3.38	21						3.87	✓			1	5			9	43	G	M
	7	3.68	22						3.83								15	68	VG	VG
	8	3.38	21						3.63	✓			1	5			9	43	G	M
	9	3.65	23						3.43								15	65	VG	VG
	10	3.61	23						3.50								14	61	VG	VG
	11	3.57	23						3.40								13	57	VG	VG
II	1	3.43	21						3.63	✓			1	5			10	49	G	M
	2	3.59	22						3.77				1	5			14	64	VG	VG
	3	3.45	20						3.60				2	10			11	55	VG	VG
	4	3.39	21						3.67	✓			1	5			9	43	G	M
	5	3.54	22						3.63								13	59	VG	VG
	6	3.45	22						3.63								10	45	G	G
	7	3.24	21						3.70	✓			2	10			7	33	G	M
	8	3.33	21						3.67	✓			2	10			9	43	G	M
	9	3.55	22						3.60								12	55	VG	VG
	10	3.25	20						3.47	✓							5	25	G	M
III	1	3.17	23						3.40	✓			3	13			7	30	M	OC
	2	3.23	22						3.27				3	13			8	36	M	M
	3	3.13	23						3.43	✓			3	13			6	26	OC	OC
	4	3.19	21						3.55	✓			2	10			6	29	G	M
IV	1	3.33	21						3.40				1	5			8	38	G	G
	2	3.44	16	59	.30	3.14	3.53		✓							7	44	G	M	
	3	3.22	18	67	.10	3.12	3.43		✓				2	11			6	33	M	OC
	4	3.43	21						3.33				2	10			11	52	VG	VG
	5	3.05	22						3.46	✓			4	18			5	23	OC	OC
V	1	3.14	22						3.43	✓			4	18			7	32	M	OC
	2	2.65	20						2.97	✓	1	5	10	50	55	5	25	OC	OC	
	3	3.17	12	44	.60	2.57	2.90		✓				2	17			4	33	M	OC
	4	3.38	16	59	.30	3.08	3.10					2	13			8	50	M	M	
	5	2.88	16	59	.30	2.58	3.03		✓				6	38			4	25	OC	OC
	6	3.06	16	59	.30	2.76	3.13		✓				3	19			4	25	OC	OC
	7	3.43	21						3.60								9	43	G	G

Expected Responses = 27 (Number of questionnaires sent out.)

PHASE IV
INTERPRETATION

Interpretation

It is easiest to see the big picture by transferring the final ratings from the Summary page to the Program Evaluation Report, which was designed for this purpose (see pp.11, 12).

The interpretation of the ratings for the questions within each goal are discussed below.

GOAL I PROGRAM AND STAFF RESPONSIVENESS

1	Staff listen and respond to my concerns	VG
2	I am an active team member, not just a listener	VG
3	We receive the expertise of other staff	VG
4	Staff give clear, useful information	VG
5	My child's program includes what is important to me	VG
7	The program is based on individual needs	VG
9	The programming fits our family routine	VG
10	The staff respect our family limits of energy and time	VG
11	I've been given choices of service options	VG
6	My child's program meets my child's needs	M
8	I am satisfied with my child's progress	M

This program is doing an extremely thorough job in collaborating with parents and in being responsive to child and family needs and priorities. The two questions receiving Marginal ratings were identified by Parents' Expectations, and they are critical "outcome questions". It is important that we understand why program performance is not meeting the parents' expectations. Looking closely at clusters of questions and responses can provide clues.

GOAL II GROWTH IN KNOWLEDGE AND SKILLS FOR HELPING THE CHILD

- | | | |
|---|---|----|
| 2 | I've learned about helping my child _____ | VG |
| 3 | I enjoy my child more _____ | VG |
| 5 | I see how ordinary activities are part of development _____ | VG |
| 6 | I feel more confident about helping my child _____ | G |
| 9 | My child's strengths and needs are discussed _____ | VG |

- | | | |
|----|--|---|
| 1 | I am able to see what my child is learning _____ | M |
| 4 | I know what my child needs to learn _____ | M |
| 7 | I am aware of how to help my child's development _____ | M |
| 8 | I have a clearer picture of my child's special needs _____ | M |
| 10 | I know more about how to set goals for my child _____ | M |

These are "process questions" and on half of them the staff is doing very well. The "Marginal" ratings continue a pattern started in Goal I: parents think their collaboration with staff is not fully preparing them to know and work with their child.

GOAL III GROWTH IN UNDERSTANDING NORMAL DEVELOPMENT & BEHAVIOR

- | | | |
|---|--|----|
| 1 | I value my child's time with normal children _____ | OC |
| 2 | I am aware of how my child is like normal children _____ | M |
| 3 | I've learned ways to get my child to cooperate _____ | OC |
| 4 | I've gotten help handling my child's behavior _____ | M |

Each of these questions identifies aspects of processes which should be happening - but aren't. They probably answer the "why" of the Marginal ratings of the first two Goals. The programming may well be focusing so much on the children's special needs - as found on developmental check lists - that parents do not raise questions on the functional elements of home life; eating, bedtime, shopping trips. These are all elements which every parent must deal with, but the parents of special children, often lacking contact with normally developing children, may not recognize typical behavior.

GOAL IV UTILIZATION OF COMMUNITY RESOURCES

- 1 I know about other community resources for my child/family ____ G
 4 satisfactory communication between staff & other services ____ VG
- 2 Staff helps me when I need to know about other resources ____ M
 3 I have greater contact with community services/programs ____ OC
 5 I am able to get information important to my child/family ____ M

Communication is the strong positive in this set of questions, with a 'good' rating for knowing about community resources. But, the parents are also saying that they want to be more in touch with community resources. In other words, they want the benefits of interagency collaboration. It is likely that the thrust of the program is on staff direct service to children, which does not provide sufficient emphasis on community and peer contact.

GOAL V BUILDING A SUPPORT SYSTEM

- 7 Staff will help when family/friends have concerns ____ !G
- 1 My partner/family are more involved with my child ____ OC
 2 More people are helping me with my child ____ OC
 3 Staff helped people I know to be more understanding ____ OC
 4 Staff helped me get to know other caring people ____ M
 5 I've gotten support from other parents ____ OC
 6 I feel less alone as parent of my child ____ OC

It is only recently that research has recognized the importance of a strong family support system in programming for children with special needs. These ratings again support the need for collaborating with agencies and people which can add this dimension to the program. Realigning staff priorities to include a focus on family support may also be indicated. For example, the staff can work with parents to identify those activities for their child which can be carried out by siblings, grandparents, friends, and children in the neighborhood.

AND IN CONCLUSION -----

The actions which comprise the Dakota Parent Satisfaction Survey (PSS) are now complete. In this booklet we have explained

- How to conduct your own Parent Satisfaction Survey, including a sample questionnaire;
- How to calculate results;
- How to establish and apply evaluative criteria to identify program strengths and weaknesses (training targets); and
- How to develop a broad interpretation of the training targets into overall goals for achievement.

The Project Dakota Parent Satisfaction Survey has been .
enormously valuable at Dakota, Inc. for portraying program
competence and guiding program improvement. We hope that your
experience will be as rewarding. Should you have questions or
comments about this tool and/or this manual please feel free
to call or write:

Project Dakota Outreach
Dakota, Inc.
680 O'Neill Drive
Eagan, MN 55121

(612)-455-2335

References

Alwin, D.F., (1978). Survey Design and Analysis Current Issues. Beverly Hills: Sage Publications.

Borg, W.R., & Gall, M.D. (1979). The methods and tools of survey research in Educational Research. New York: Longman pp.285-325.

Cousins, J.B., & Leithwood, K.A., (1986). Current empirical research on evaluation utilization. Review of Educational Research 56:3, pp.331-364.

Cronbach, L.J., (1982). Designing Evaluations of Educational and Social Programs. San Francisco: Josey-Bass, 1.

Daniel, W.W., (1975). Nonresponse in sociological surveys: A review of some methods for handling the problem. Soc. Methods and Research 3:291-307.

Davis, L.N., (1974). Planning, Conducting, and Evaluating Workshops. Austin, Texas: Learning Concepts.

Judd, C.E., (1987). Combining process and outcome evaluation. M.M. Mark & R.L. Shotland (Eds.) New Directions for Program Evaluation 35; Fall, pp.23-41.

Karnes, M.B., Linnemeyer, S.A., & Shwedel, A.M., (1981). A survey of federally funded model programs for handicapped infants: Implications for research and practice. Journal of the Division for Early Childhood 2, April, pp.25-39.

Kovach, J., (1987). Final Report Project Dakota: 1983-1986. Eagan, Minnesota, Dakota, Inc.

Oppenheim, A.N., (1977). Questionnaire Design and Attitude Measurement. New York: Basic Books.

Tull, D.S., & Hawkins, D.I., (1980). Sampling and research: Determining sample size. In Marketing Research Measurement and Method. New York: Macmillan, pp.404-437.

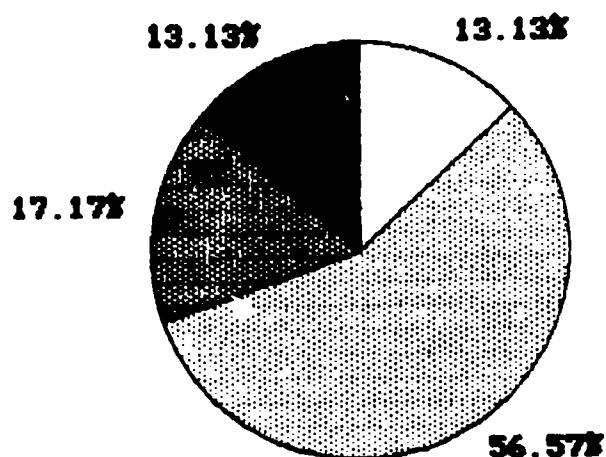
Vigderhous, G., (1978). Analysis of patterns of response to mailed questionnaires. D.F. Alwin (Ed.). Survey Analysis and Design Current Issues. Beverly Hills: Sage Publications.

Wolery, M., & Bailey, D.B. (1984). Alternatives to impact evaluations: Suggestions for program evaluation in early intervention. Journal of the Division for Early Childhood 9:1, pp. 27-37.

Appendix A
Samples of Using Goal Averages for
Parent and Board Reports

**PSS Strengths and Weaknesses
in the Past Three Years**

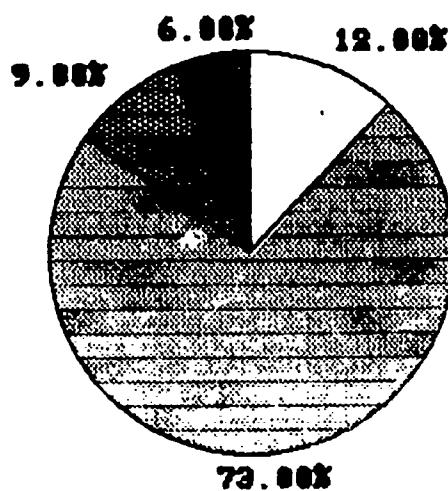
1985



This data combines results from seven different programs administered by Dakota, Inc. These programs have the same goals and administration.

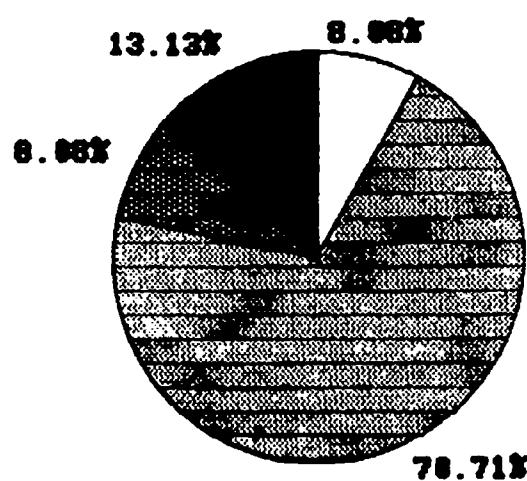
- Very Good
- Good
- Marginal
- Of concern

1986



In 1985 final ratings from the Parent Satisfaction Survey (PSS) identified 30% of the items as training targets.

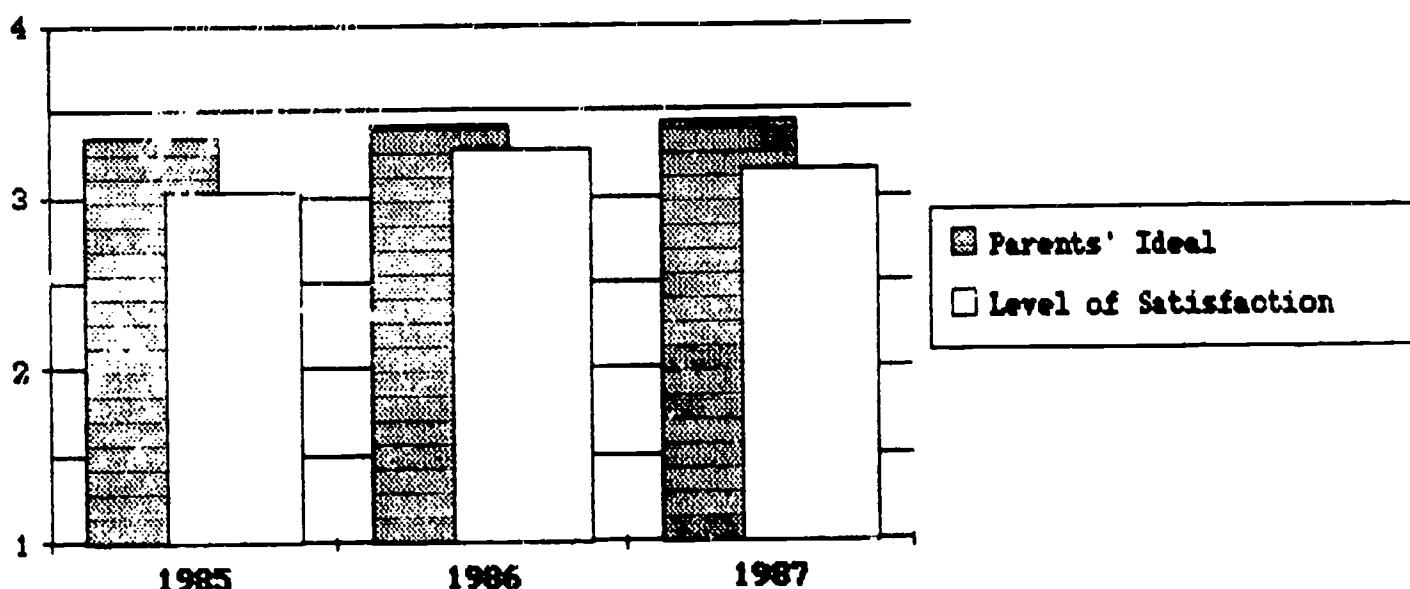
1987



In 1986 and 1987 final ratings identified 15%, and 21% of the PSS items as training targets. This impressive change occurred despite frequent staff turnover experienced during this time.

This chart compares yearly Parent Satisfaction Survey (PSS) scores from all seven programs for all questions with each year's Parent Expectation Criteria (Ideals). Parent Expectation scores were collected each year and show slight changes; see Appendix E.

Parents' Ideals and Levels of Satisfaction

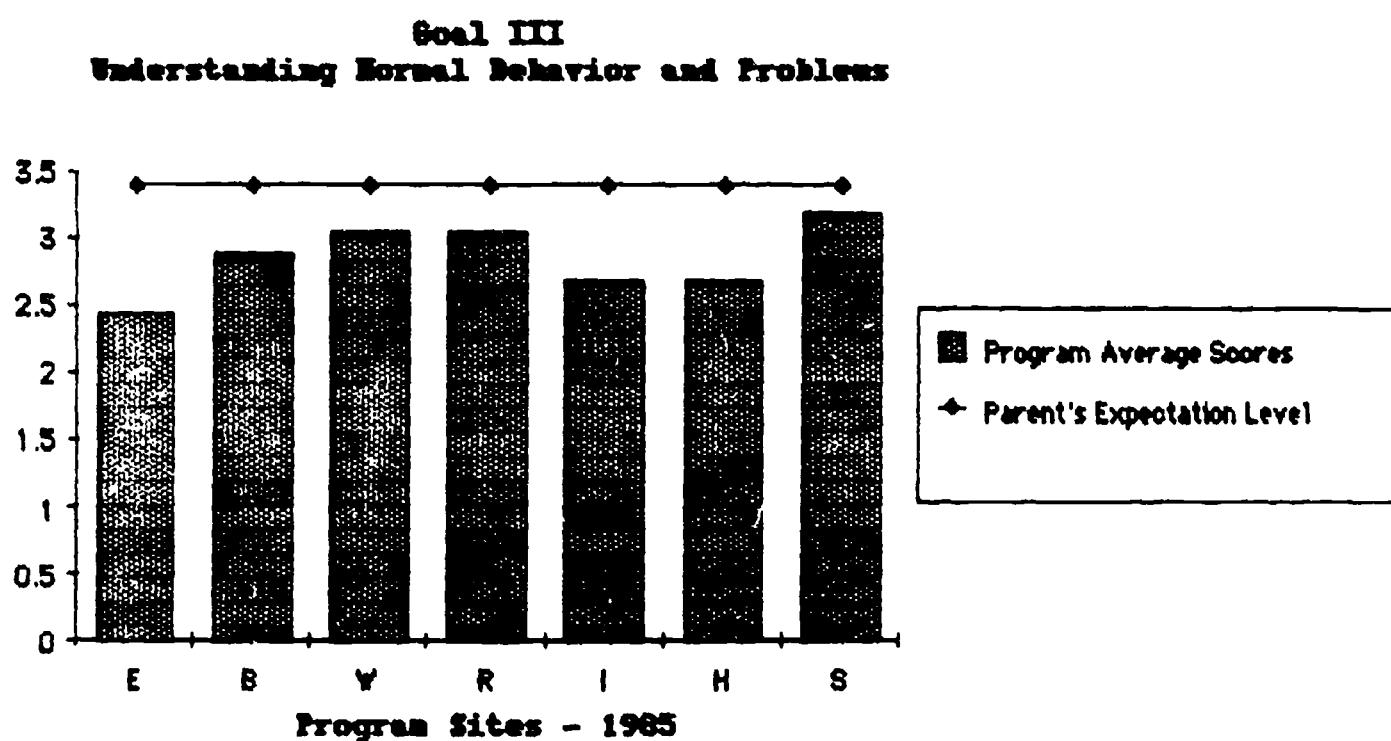


The 70% response rate in 1985 could be assumed to provide a representative sample. 1986 and 1987 data, despite much higher response rates (76.8%, 61.2%), demonstrate the agency's firm commitment to specific goals and the implementation of a targeted and structured inservice training program.

Excerpt from the 1985 report to the Board of Directors:

"The composite averages show that agency programs came close to meeting parents' expectations but ratings from strong programs mask the problems that exist in weaker ones."

By comparing this chart with the previous one it can be seen how between-program differences are masked by a composite score. The between-program differences on this goal were statistically significant in 1985 and 1986.



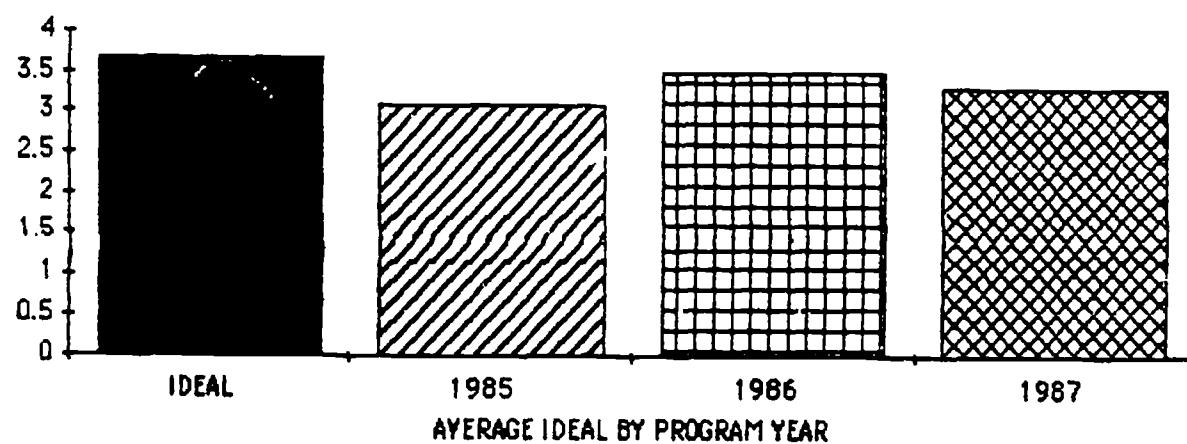
Excerpt from the 1985 report to the Board of Directors:

Goal III Normal Behavior and Problems.

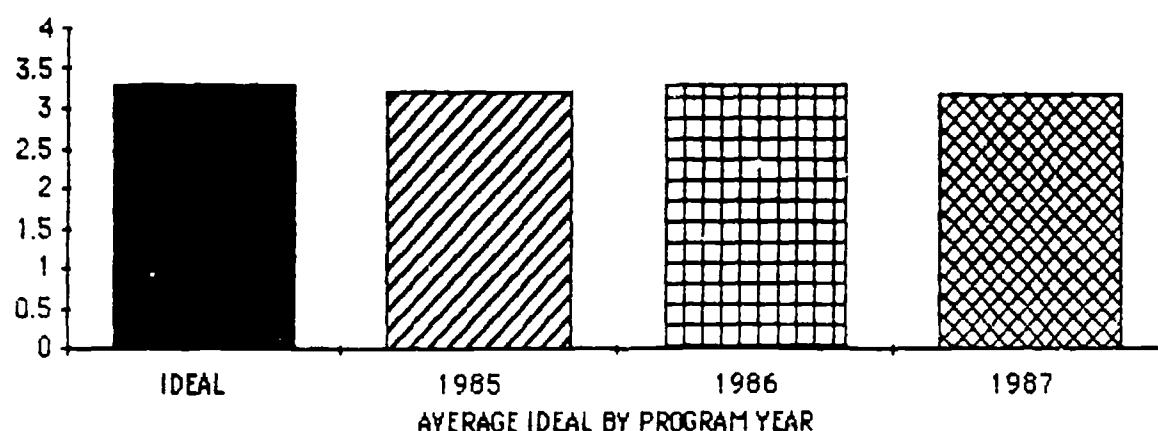
"There is over half a scale point difference between the composite agency rating (avg. 2.3 from 128 replies) and the parents' importance ratings (avg. 3.4) with regard to learning about normal behavior. Agency programs are NOT meeting parents' expectations with regard to the "normal" aspects of their child and his/her behavior. Agency staff may be too focused on the "special" to the detriment of "normal".

"It was not previously thought that parents of handicapped children placed high value on this knowledge. It is apparent that ... it is highly valued by parents."

**GOAL I
PROGRAM AND STAFF
RESPONSIVENESS**



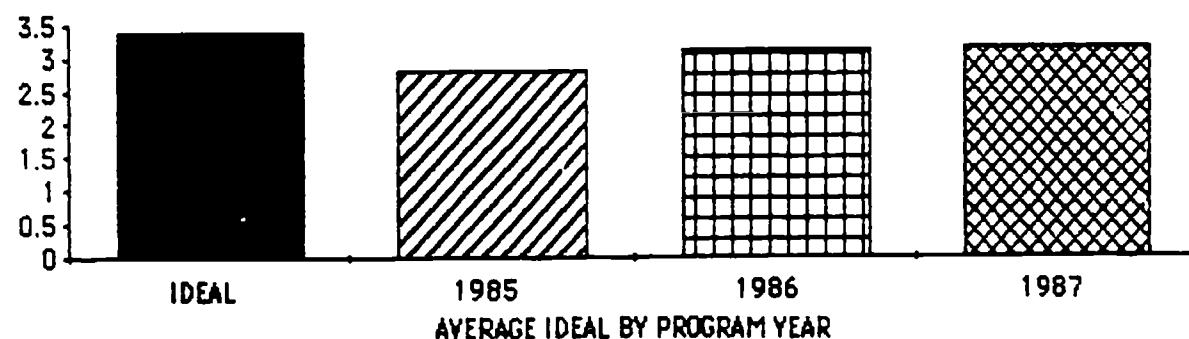
**GOAL II
PARENTS' GROWTH IN KNOWLEDGE
AND SKILL TO HELP THEIR CHILD**



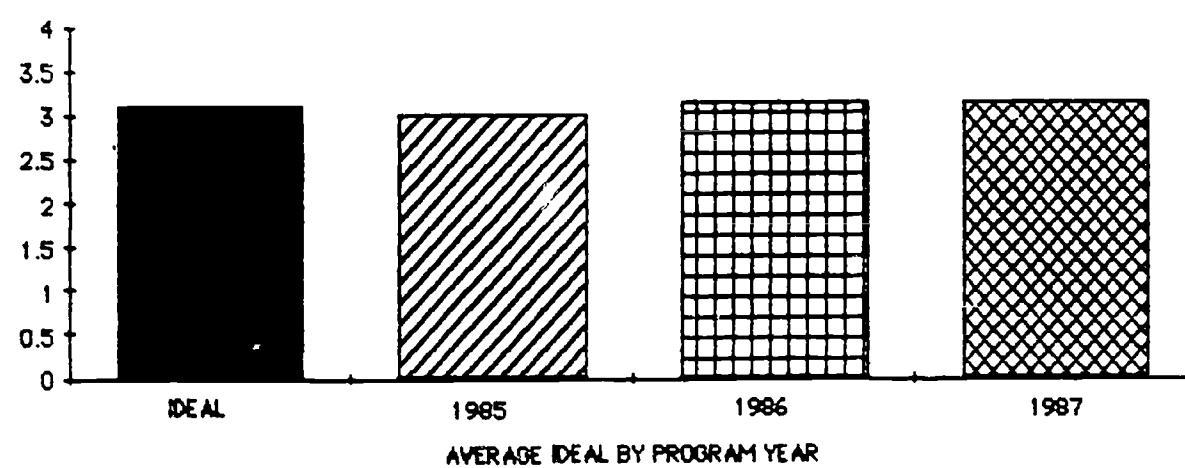
These charts use only one set of criteria for comparison standards. They compare each year's composite agency performance (the average of all seven programs) with the pooled Parent Expectations (average of all three years). The latter are labeled IDEAL. Data is presented for each goal to highlight results of targeted training areas. Targets during 1986 were Goals III and IV in particular. Goal V was targeted in 1987. Service data from other sources validates these outcomes.

Somewhat lower agency scores are noted during 1987; During 1986 and 1987 legislation transferred portions of children served by these programs to the public schools resulting in high staff turnover. For example, from Jan. 1986 to Jan 1987 there was a 46% turnover in staff. Under these circumstances it is commendable that overall performance remained high. Other factors impacting scores are sample size and response rate.

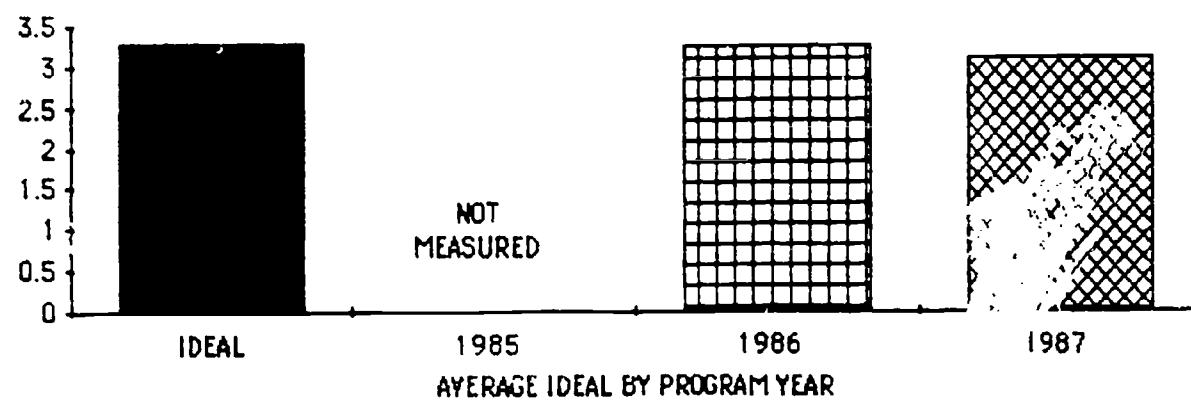
GOAL III
PARENTS' UNDERSTANDING OF
NORMAL DEVELOPMENT AND
BEHAVIOR



GOAL IV
USE OF COMMUNITY RESOURCES
FOR PROGRAMMING



GOAL V
EXTENSION OF THE FAMILY
SUPPORT SYSTEM



Appendix B
Sample Report to Parents

DAKOTA CHALLENGE

Dakota Inc. is a private non-profit agency

How Are We Doing?

"Our teacher doesn't try to get us to do things with our son that wouldn't fit into our way of life; she includes our other children so beautifully," wrote a parent in our recent Parent Satisfaction Survey.

Dakota's early intervention services are "tailor made" to match each family's needs and priorities for their child. To measure the success of our services, we annually ask parents how we're doing through the survey. It is a structured, validated tool allowing us to learn about differences between teams and how we change from year to year.

This year, 150 parents, or 82% of families served by Dakota, answered our questions. The level of parent satisfaction remains high for 1987:

Are we responding to the family's needs and concerns?

Parents said "yes!" More than half of the parents who responded STRONGLY AGREED with the statements. "The staff listen and respond to my concerns, questions and ideas", and, "In my meetings with staff I feel I am an active member of the team and not just a listener."

"I really appreciate that staff always asks how I'm doing with all of our problems."

Are we helping parents increase their own skills in working with the child's strengths?

Half of the parents STRONGLY AGREED that "I am aware of how ordinary activities are part of my child's learning and development." More than 25% of parents DISAGREED with the statement. "I know how to set goals and strategies for my child."

Parents gave mixed responses to questions about how Dakota staff help parents build support for themselves and their family:

More parents DISAGREED THAN AGREED with the statement, "I have more friends or other children helping me help my child." Yet there was considerable AGREEMENT with the statement, "Staff are willing and able to help my family and friends when we have concerns or questions about my child."

We are grateful to the families who took the time to respond to this year's survey. This review from the perspective of our consumers is one way that we can step back and see where more tailoring is necessary and where the staff-parent

"I don't feel like my husband and I are in this alone any more."

partnership is working best. We do read each response carefully. And, we work to ensure that the insights we gain lead directly to improved services for families.

"The program gave us confidence that what we were doing was on target and they gave us many suggestions and ideas of what to do to help."

Dakota offers consultation and training to other early intervention programs interested in using the Parent Satisfaction Survey. Contact Linda Kjerland, Dakota, Inc., 680 O'Neill Drive, Eagan, MN 55121. Phone 455-2335.

Appendix C

Three Years of Dakota Parent Expectations

This booklet has described how to go about validating parents' expectations for use in evaluating the outcome of your survey of parent satisfaction. It must be emphasized that through the examination of the Parents' Expectation values and the written comments on the surveys, the agency staff more fully understood what parents wanted from their Early Intervention Program. While this is a time consuming effort it gives you a firm basis for understanding what the parents you serve value. Appendix E contains some demographic data describing Dakota's parents and validation information.

We include here three years of Dakota's Parents' Expectations (you will find them identified as IDEALS on some of the charts). By following the chart you will see how questions were added or deleted over the three years; during the second year we added a new goal; and the questions underwent substantive wording changes the third year. Overall there was relatively little change in Parents' Expectations. Some of the changes are probably related to the addition/deletion or rewording of questions.

Please remember that Parents' Expectations are only one of two sets of criteria to be used in combination for examining survey results. We found that the distribution of responses (Agency Criteria) yields far more relevant information than use of the standard deviation from the Expectations. It is for that reason we have listed the average standard deviation for goals - but not for questions.

PARENT EXPECTATIONS - YOUNGER & OLDER

	1985	1986	1987	PEOPLE		
	n=30	n=50	n=39	N=119		
	MEAN	S.D.	MEAN	S.D.	IDEALS	S.D.

I: PROGRAM AND STAFF RESPONSIVENESS

GOAL I	3.63	.46	3.65	.50	3.61	.50	3.63	.49
--------	------	-----	------	-----	------	-----	------	-----

II GROWTH IN KNOWLEDGE AND SKILL TO HELP THEIR CHILD

GOAL II	3.32	.47	3.57	.53	3.64	.52	3.51	.51
---------	------	-----	------	-----	------	-----	------	-----

III GROWTH IN UNDERSTANDING OF NORMAL BEHAVIOR AND PROBLEMS

GOAL III	3.38	.63	3.27	.80	3.41	.69	3.35	.71
----------	------	-----	------	-----	------	-----	------	-----

IV UTILIZATION OF COMMUNITY RESOURCES

GOAL IV	3.09	.67	3.26	.78	3.43	.71	3.26	.72
---------	------	-----	------	-----	------	-----	------	-----

V BUILDING A SUPPORT SYSTEM

GOAL V	-	-	3.33	.76	3.17	.82	3.25	.79
--------	---	---	------	-----	------	-----	------	-----

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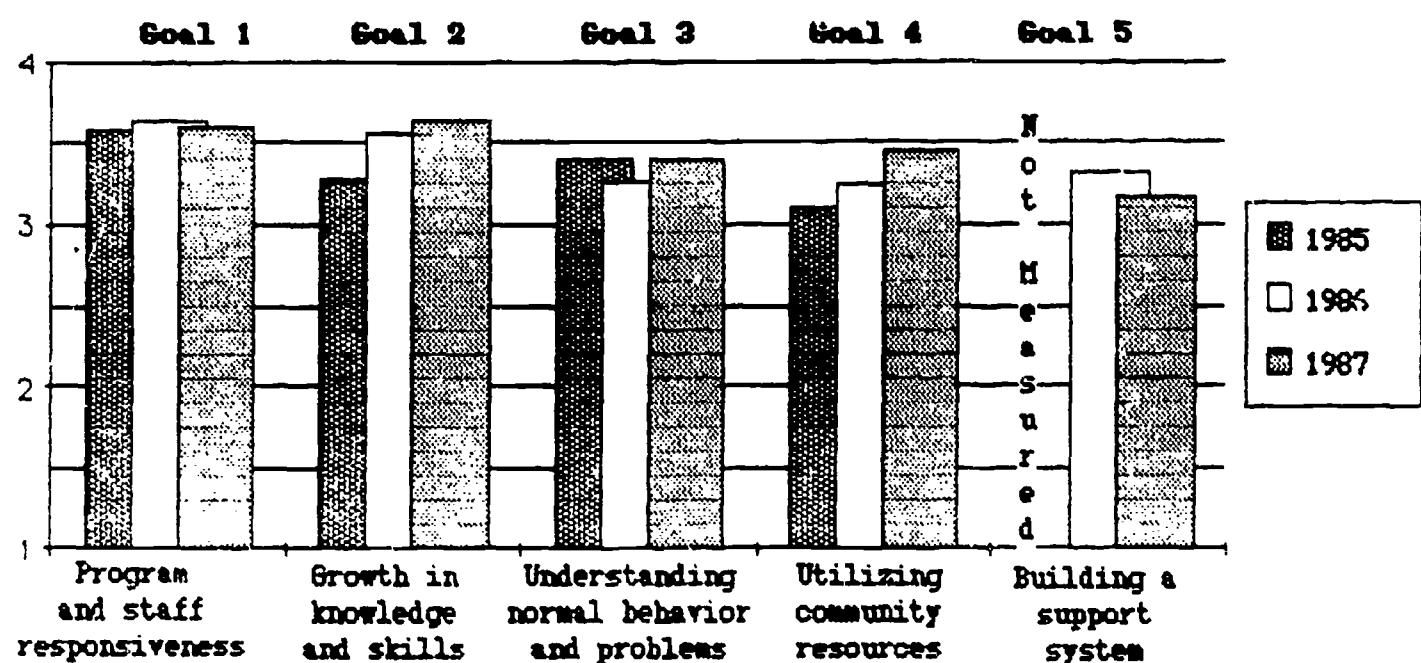
72

THREE YEARS PARENT EXPECTATIONS (IDEALS)

	1985 n=30 MEAN	1986 n=50 MEAN	1987 n=39 MEAN	POOLED N=119 IDEALS
GOAL I PROGRAM AND STAFF RESPONSIVENESS				
GOAL I	3.63	3.65	3.61	3.63
1. staff listen and respond	3.89	3.89	3.90	3.89
2. I am an active team memb	3.59	3.72	3.57	3.63
3. receive expertise of other staff	-	-	-	-
4. staff give clear,useful information	-	3.49	3.43	3.46
5. child's program includes what is important to me	-	-	-	-
6. program meets child's need	3.50	3.50	3.47	3.45
7. help is based on individ. needs	3.61	3.81	3.87	3.76
8. satisfied with progress	-	3.90	3.83	3.76
9. fits family routines	-	3.79	3.63	3.71
10. respects family limits	-	3.39	3.43	3.41
11. given choices of service	-	3.40	3.50	3.45
II GROWTH IN KNOWLEDGE AND SKILL TO HELP THEIR CHILD				
GOAL II	3.32	3.57	3.64	3.51
1. able to see what child is learning	-	3.60	3.63	3.64
2. learned about helping child more	3.93	3.73	3.77	3.81
3. more confident in deciding on special education for child	-	-	3.60	3.66
4. know what child needs to learn	3.57	3.60	-	-
5. know what child needs to learn	3.62	3.62	3.67	3.70
6. another adult takes part in development	3.40	3.60	3.63	3.54
7. confident about helping child	3.48	3.51	3.63	3.54
8. aware how to help develop child	3.54	3.61	3.70	3.62
9. picture of special needs	3.78	3.48	3.67	3.64
10. child strengths discussed	-	3.49	3.60	3.54
11. know more to set goals	3.61	3.50	3.47	3.53
+ access to help family w/child (3.68)	-	-	-	-
III GROWTH IN UNDERSTANDING OF NORMAL BEHAVIOR AND PROBLEMS				
GOAL III	3.38	3.27	3.41	3.35
1. able to relate time with child to problems	-	3.39	3.46	3.48
2. able to relate others	3.55	3.11	3.21	3.25
3. able to get child to cooperate	-	-	3.10	3.11
4. able to handle behavior	3.39	3.26	3.55	3.43
5. help handling behavior	-	3.61	3.55	3.43
IV UTILIZATION OF COMMUNITY RESOURCES				
GOAL IV	3.09	3.26	3.43	3.26
1. Know more community prog	2.93	3.21	3.40	3.19
2. help when I need to know about other programs	3.25	3.29	3.53	3.36
3. greater contact with community programs/services	-	3.21	3.43	3.32
4. ok communication with staff and community	-	3.29	3.33	3.31
5. able to get information	-	3.30	3.46	3.38
V BUILDING A SUPPORT SYSTEM				
GOAL V	-	3.33	3.17	3.25
+ know more caring people	-	(3.41)	-	-
+ more family/friends help	-	(3.20)	-	-
1. family more involved	-	3.20	3.43	3.40
2. more people helping	-	-	3.93	3.97
3. staff helped people to be more caring & understanding	-	-	2.90	2.97
4. staff helped me get to know caring people	-	-	3.10	3.10
5. support from othr parents	-	-	3.03	3.03
6. feel less alone	-	3.16	3.13	3.16
7. staff help when fam/fnds have concerns re: child	-	3.52	3.60	3.56

* indicates a question which was significantly reworded or deleted.

**Changes in Parent Ideals
for Each Goal Area
During Three Year Period**



Appendix D

Team and/or Individual Staff Performance Reports

Coding survey responses by program site, team, and facilitator (primary contact person or case manager) allows analysis of results for in-depth team and individual performance evaluation. Thus, staff training can be individualized.

All the examples on the following pages are from the 1986 Parent Satisfaction Survey (PSS). There was overall improvement in all goal areas compared to the 1985 survey, but there remained significant differences between programs, teams, and staff.

The first example shows between-program differences.

	<u>Strong Disagree</u>	<u>Disagree</u>	<u>Agree</u>	<u>Strong Agree</u>	<u>Program Avg.</u>	<u>Pooled Ideal*</u>
<u>Goal III question 4 ...handle behavior...</u>						
Program H	8%	33%	56%	0	2.5	3.3
Program E	11%	16%	74%	0	2.6	3.1
<u>Goal III question 1 ...know community programs...</u>						
Program I	0	27%	60%	13%	2.8	3.1
Program S	0	0	85%	15%	3.2	3.1

* Average of '85 & '86 Parent Ideals

The data can also identify differences between teams as well as individual staff differences within a team.

Goal III Question 4

Distribution of Parents' Responses to "...learned to handle ... behavior"

	<u>Strong Disagree</u>	<u>Disagree</u>	<u>Agree</u>	<u>Strong Agree</u>	<u>Team Average</u>	<u>Pooled Ideal*</u>
<u>Program I - Team 1</u>						
Teacher	0	20.0%	80.0%	0	2.8	3.3
O.T.	0	37.5%	62.5%	0		
Sp. Lang.	0	0	100.0%	0		
<u>Program F - Team 1</u>						
Teacher	0	0	66.7%	33.3%	3.1	3.3
O.T.	0	33.3%	33.3%	33.3%		
Sp. Lang.	0	0	85.7%	14.3%		

* Average of '85 & '86 Parent Ideals

Cont: Performance Reports

Children's IEPs were the source of the following data. Community settings are those outside the family where the child is with normal, developing peers as a part of an IEP. This data is directly relevant to specific responses on Goal III Community Resources and indirectly to Goal III Understanding Normal Behavior and Problems. Examples on the following pages will show the relatedness of these and other issues.

Overall agency data is given first, then the average of the three teams at that program site, each team, and each individual on each team.

This example once again uses Program I, Teams 1 & 2. Notice that while the teachers on Team 1 and Team 2 have children similar in age, their use of community program time is very different. A supervisor should also consider staff experience and children's severity levels before drawing judgments from this data.

Mean Half-Days/Wk Children Spend in
Community Settings for Programming

	Avg. 1/2 days/wk	N=	Children's Avg. Age in Months
Agency-wide whole	1.34	315	36.0
<hr/>			
Team 1	1.50	29	43.7
<hr/>			
Team 1	.57	21	
Teacher	1.00	6	43.7
O. T.	0.00	7	22.8
Sp. Lang	.75	8	36.7
Team 2	3.90	21	
Teacher	6.89	8	44.6
O. T.	3.00	8	36.0
Sp. Lang	.60	5	34.4
Team 3	1.37	27	
Teacher	.20	5	17.8
O. T.	.20	10	25.0
Sp. Lang	2.83	12	42.9

Cont: Performance Reports

When children participate in community-based programs as well as special education programs parents experience support from more people interested in helping their child. Thus use of Goal IV Using Community Resources is strongly related to Goal V Building a Support System.

This data is from the same program (Program 1) shown in the previous examples. Notice here how the teacher on Team 1 - whose cases averaged 1 half day per week programming in community settings - received much lower PSS ratings than did the teacher on Team 2 - whose same-age cases averaged nearly 7 half days per week in community settings.

Goal V - Question 2Mean of Parents' Responses to Having "More
Persons to Help With Child's Program"

	<u>Avg.</u>	<u>N=</u>
Agency as a Whole	3.1	226
		8.9% did not reply to this question
-----	-----	-----
Program 1	2.9	35
-----	-----	-----
Team 1	2.5	8
		5% did not reply to to this question
Teacher	2.8	4
O. T.	2.5	8
Sp. Lang	2.5	6
Team 2	3.4	17
		100% response to this question
Teacher	3.7	6
O. T.	3.3	6
Sp. Lang	3.2	5

Appendix E

PSS Validation Data

7.

Demographics

Dakota, Inc. is a private nonprofit agency in Dakota County, Minnesota. It is located just south of the Twin Cities metropolitan area and includes urban, suburban, and rural areas. The early intervention programs operated by Dakota, Inc. serve between 300 and 400 families having developmentally disabled children.

Family income information is not available to the agency, but is known to cover a wide economic range. The model program which originated this evaluation instrument served families on public assistance to those earning up to \$45,000 per year. Of the two-parent families 41.1% had incomes under \$15,000; of the single parents 53.9% were on public assistance and 30.8% had incomes up to \$15,000. The proportion of single parents served by the intervention program varies from year to year and between programs. It was as high as 51%, for others as low as 20%.

Expectations

The following table provides information essential to the validation of the Parent Expectations and their use as standards for comparison of evaluation results. For each year a minimum of 20% of the respondents provided the expectations data. Additional information on Expectations is in Appendix C.

<u>PARENT EXPECTATIONS</u>			
	1985	1986	1987
% =	30	50	39
OVERALL MEAN	3.36	3.41	3.45
RANGE OF MEANS	2.9-3.9	3.2-3.9	3.0-3.9
MODE	3.6	3.6	3.6
AVERAGE S.D.	.56	.67	.65
RANGE OF S.D.	.18-.88	.31-.92	.31-.93

Survey Outcome Data

The following table briefly summarizes some of the voluminous data derived from three years of PSS surveys. The emphasis of this effort was to aiding identify individual targets for program improvement; research per se has a secondary goal. However, statistically significant differences were found between programs in 1985 and 1986 indicating that the instrument was sensitive to between-program differences. This is an important aspect of the validation process because all seven programs shared the same goals and administration. Factor analysis on each year's results confirmed the assignment of questions to goals.

AGENCY PSS RESULTS

	1985	1986	1987
N=	128	248	149
RESPONSE RATE	62.6%	76.8%	82.2%
RESPONSE RANGE FROM SEVEN PROGRAMS			
	47%-77%	64%-89%	71%-96%
AGENCY-WIDE MEAN SCORE			
	3.03	3.28	3.45
RANGE OF S.D. IN SEVEN PROGRAMS			
	.31-.89	.32-1.02	.31-.90
COEFFICIENT ALPHAS - INTERNAL RELIABILITY			
	.95	.96	.96

Appendix F

Sample Forms, Letters, and Surveys

PARENT SURVEY RESULTS

G O A L Q	STRNG DISAG (SD=1)	DISAG (D=2)	AGREE (A=3)	STRONG AGREE (SA=4)	TOTAL RSPNS	SCORES SD+D+A+SA	TOTAL SCORE	AVG. SCORE
I	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	10							
	11							
II	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	10							
III	1							
	2							
	3							
	4							
IV	1							
	2							
	3							
	4							
	5							
V	1							
	2							
	3							
	4							
	5							
	6							
	7							

SUMMARY

GOAL	BASIC RESULTS		RESPONSE ADJ			PARNT >	AGENCY CRITERIA TEST							FINAL RATING			
	AVG SCOR	TTL RSPN	RSPN 8	C H	N ADJ		SCOR EXPCT.	STRNG	SD+D	STRNG	DISAG	LISAG	Cum	AGREE	PS	TT	
	3	4	5	6	7		8	9	10	11	12	13	14	15	16	17	18
I	1																
I	2																
I	3																
I	4																
I	5																
I	6																
I	7																
I	8																
I	9																
I	10																
I	11																
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III	1																
III	2																
III	3																
III	4																
IV	1																
IV	2																
IV	3																
IV	4																
IV	5																
V	1																
V	2																
V	3																
V	4																
V	5																
V	6																
V	7																

Expected Responses = _____ (Number of questionnaires sent out.)

PROGRAM EVALUATION REPORT

Rating Key: Program Strength (PS) = Very Good (VG), Good (G)
Training Target (TT) = Marginal (M), Of Concern (OC)

Team	Rating PS	Rating TT
------	--------------	--------------

GOAL I PROGRAM AND STAFF RESPONSIVENESS

- 1 Staff listen and respond to my concerns _____
- 2 I am an active team member, not just a listener _____
- 3 We receive the expertise of other staff _____
- 4 Staff give clear, useful information _____
- 5 My child's program includes what is important to me _____
- 6 My child's program meets my child's needs _____
- 7 The program is based on individual needs _____
- 8 I am satisfied with my child's progress _____
- 9 The programming fits our family routine _____
- 10 Staff respect our family limits of energy and time _____
- 11 I've been given choices of service options _____

GOAL II GROWTH IN KNOWLEDGE AND SKILLS FOR HELPING THE CHILD

- 1 I am able to see what my child is learning _____
- 2 I've learned about helping my child _____
- 3 I enjoy my child more _____
- 4 I know what my child needs to learn _____
- 5 I see how ordinary activities are part of development _____
- 6 I feel more confident about helping my child _____
- 7 I am aware of how to help my child's development _____
- 8 I have a clearer picture of my child's special needs _____
- 9 My child's strengths and needs are discussed _____
- 10 I know more about how to set goals for my child _____

Rating	
PS	TT

GOAL III GROWTH IN UNDERSTANDING NORMAL DEVELOPMENT & BEHAVIOR

- | | | | |
|---|---|--|--|
| 1 | I value my child's time with other children | | |
| 2 | I am aware of how my child is like other children | | |
| 3 | I've learned ways to get my child to cooperate | | |
| 4 | I've gotten help handling my child's behavior | | |

GOAL IV UTILIZATION OF COMMUNITY RESOURCES

- | | | | |
|---|--|--|--|
| 1 | I know about other community resources for my child/family | | |
| 2 | Staff helps me when I need to know about other resources | | |
| 3 | I have greater contact with community services/programs | | |
| 4 | Satisfactory communication between staff & other services | | |
| 5 | I am able to get information important to my child/family | | |

GOAL V BUILDING A SUPPORT SYSTEM

- | | | | |
|---|---|--|--|
| 1 | My partner/family is more involved with my child | | |
| 2 | More people are helping me with my child | | |
| 3 | Staff helped people I know to be more understanding | | |
| 4 | Staff helped me get to know other caring people | | |
| 5 | I've gotten support from other parents | | |
| 6 | I feel less alone as parent of my child | | |
| 7 | Staff will help when family/friends have concerns | | |

DAKOTA

Assisting the community
and people challenged by disabilities
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Director of Training and Evaluation

Dear

At the risk of being pesky I am sending you another copy of the Parent Satisfaction Survey with my sincere request that you take a few minutes to complete it. Our goal is to hear from all families served by Dakota's Early Intervention staff. Your response is important: if a family does not respond to the survey, the team's overall score is lowered. You can help provide us with valuable guidance in planning services for the future. Your responses will remain confidential.

Please take the time to complete the survey TODAY and return it to me in the enclosed envelope. Thank you!

Sincerely,

DAKOTA, INC.

Jean Mendenhall
Director of Training and Evaluation

JM:sf

Enc.

P.S. Surveys that are not returned and items that are left blank both have a negative effect on survey scores. However, if you choose not to complete the survey, please return the blank form so we will be aware of your decision.

0237J

SC

PARENT SATISFACTION SURVEY*

Response Number _____

Please indicate how satisfied you are with services you receive from your child's program. For each item put a check to show how strongly you agree or disagree with that statement. Your response to each statement is important - any unanswered items have a negative effect on the final score.

GOAL I - PROGRAM AND STAFF RESPONSIVENESS

STRONGLY DISAGREE	DISAGREE	AGREE	STRONGLY AGREE
------------------------------	-----------------	--------------	---------------------------

The staff listen and respond to my concerns, questions, and ideas.

<u>SD</u>	<u>D</u>	<u>A</u>	<u>SA</u>
-----------	----------	----------	-----------

In my meetings with staff (for assessments, conferences, monthly updates, etc.), I feel I am an active member of the team and not just a listener.

<u>SD</u>	<u>D</u>	<u>A</u>	<u>SA</u>
-----------	----------	----------	-----------

Although one staff member mainly serves my child, I feel that we receive the expertise of other staff.

<u>SD</u>	<u>D</u>	<u>A</u>	<u>SA</u>
-----------	----------	----------	-----------

Staff give me information that is clear and useful to me.

<u>SD</u>	<u>D</u>	<u>A</u>	<u>SA</u>
-----------	----------	----------	-----------

I feel the program for my child includes what is important to me.

<u>SD</u>	<u>D</u>	<u>A</u>	<u>SA</u>
-----------	----------	----------	-----------

My child's program meets my child's needs.

<u>SD</u>	<u>D</u>	<u>A</u>	<u>SA</u>
-----------	----------	----------	-----------

The help my child is getting is based on his/her individual needs.

<u>SD</u>	<u>D</u>	<u>A</u>	<u>SA</u>
-----------	----------	----------	-----------

I am satisfied with my child's progress since beginning this program.

<u>SD</u>	<u>D</u>	<u>A</u>	<u>SA</u>
-----------	----------	----------	-----------

The help I get fits into our family routines and activities.

<u>SD</u>	<u>D</u>	<u>A</u>	<u>SA</u>
-----------	----------	----------	-----------

The staff respect the limits my family puts on our time and energy for our child's program.

<u>SD</u>	<u>D</u>	<u>A</u>	<u>SA</u>
-----------	----------	----------	-----------

I am informed of a variety of choices for how my child could be served.

<u>SD</u>	<u>D</u>	<u>A</u>	<u>SA</u>
-----------	----------	----------	-----------

* Survey developed by Dakota, Inc., Project Dakota Outreach (612) 55-2335

Parent Satisfaction Survey

Page 2

GOAL II - GROWTH IN KNOWLEDGE AND SKILLS FOR HELPING YOUR CHILD

Because of my participation with the program....	STRONGLY DISAGREE	DISAGREE	AGREE	STRONGLY AGREE
....I am more able to look at my child and see what he/she is learning to do.	SD	D	A	SA
....I have learned about helping my child.	SD	D	A	SA
....I enjoy my child more.	SD	D	A	SA
....I know what my child needs to learn.	SD	D	A	SA
....I am aware of how ordinary activities are part of my child's learning and development.	SD	D	A	SA
....I feel more confident about how my family and I are helping our child.	SD	D	A	SA
....I am more aware of how to help my child's development.	SD	D	A	SA
....I have a clearer picture of my child's special needs at this time.	SD	D	A	SA
....I feel satisfied that my child's strengths are being discussed.	SD	D	A	SA
....I know more about how to set goals and strategies for my child.	SD	D	A	SA

Comments: (Please comment if you've checked any items SD or D): _____

Parent Satisfaction Survey
Page 3

GOAL III - GROWTH IN UNDERSTANDING NORMAL BEHAVIOR AND PROBLEMS

	STRONGLY DISAGREE	DISAGREE	AGREE	STRONGLY AGREE
	SD	D	A	SA
Because of my participation with the program....				
....I more strongly value my child spending time with children who don't have developmental delays.	SD	D	A	SA
....I am more aware of how my child is like other children.	SD	D	A	SA
....I know more ways to get my child to cooperate.	SD	D	A	SA
....I am getting the help I need to learn about handling my child's behavior.	SD	D	A	SA

Comments: (Please comment if you've checked any items SD or D): _____

GOAL IV - UTILIZATION OF COMMUNITY RESOURCES

	STRONGLY DISAGREE	DISAGREE	AGREE	STRONGLY AGREE
	SD	D	A	SA
Because of my participation with the program....				
....I know more about community agencies, services, and programs that can help my child or my family.	SD	D	A	SA
....I get help from staff when I want other programs or people to work with me, my child, or my family.	SD	D	A	SA
....I now have contact with services and programs in the community who may help my child or my family.	SD	D	A	SA
....I am satisfied with the communication between my child's team and community resource persons involved in my child's program.	SD	D	A	SA
....I am able to get information that is important to the health and happiness of my family and child.	SD	D	A	SA

Comments: (Please comment if you've checked any items SD or D): _____

GOAL V -- BUILDING A SUPPORT SYSTEM

Because of my participation
with the program....

STRONGLY
DISAGREE
DISAGREE

AGREE

STRONGLY
AGREE

....my partner/my family are more
involved in my child's learning.

SD D A SA

....I have more friends or other children
helping me help my child.

SD D A SA

....staff helped the people I know be more
caring and understanding of my child.

SD D A SA

....staff helped me get to know other
people who are caring and understanding.

SD D A SA

....I have gotten support from other parents.

SD D A SA

....I feel less alone as the parent of
my child.

SD D A SA

....staff are willing and able to help my
family and friends when we have concerns
or questions about my child.

SD D A SA

Comments: (Please comment if you've checked any items SD or D):

My child is ____ years ____ months old.

Signature (optional) _____

1092J

THANK YOU FOR GIVING US THIS FEEDBACK!

DAKOTA

Assisting the community
and people challenged by disabilities
to live and work together

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DAKOTA, INC.
Community Resource Committee
Evaluation

Dear

The parent satisfaction survey that you filled out in May or early June asked you to rate how satisfied you were with our services. Thanks for doing that.

The questions on the survey came from Dakota's agency goals. We now need to learn how important each of these are to you. You can give this information by filling out this form. It has the same statements as the satisfaction survey. This time, we'd like you to check how important each item is for you. This will help us improve our services.

Check one of the four choices for each question from "very important" to "not important at all". Send the form back to me in the enclosed envelope by April 31, 1987. Feel free to make comments or to add more goals.

Thank you for your time.

Sincerely,

DAKOTA, INC.

Jean Mendenhall
Director of Evaluation

JM:sf

Enc.

0210J

IMPORTANCE RATING

Response Number _____

How IMPORTANT is each item to you?

GOAL I - PROGRAM AND STAFF RESPONSIVENESS

NOT IMPT AT ALL	LITTLE IMPORTANCE	IT IS IMPT	VERY IMPT
--------------------	----------------------	---------------	--------------

The staff listen and respond to my concerns, questions, and ideas.

NI	LI	I	VI
----	----	---	----

In my meetings with staff (for assessments, conferences, monthly updates, etc.), I feel I am an active member of the team and not just a listener.

NI	LI	I	VI
----	----	---	----

Although one staff member mainly serves my child, I feel that we receive the expertise of other staff.

NI	LI	I	VI
----	----	---	----

Staff give me information that is clear and useful to me.

NI	LI	I	VI
----	----	---	----

I feel the program for my child includes what is important to me.

NI	LI	I	VI
----	----	---	----

My child's program meets my child's needs.

NI	LI	I	VI
----	----	---	----

The help my child is getting is based on his/her individual needs.

NI	LI	I	VI
----	----	---	----

I am satisfied with my child's progress since beginning this program.

NI	LI	I	VI
----	----	---	----

The help I get fits into our family routines and activities.

NI	LI	I	VI
----	----	---	----

The staff respect the limits my family puts on our time and energy for our child's program.

NI	LI	I	VI
----	----	---	----

I am informed of a variety of choices for how my child could be served.

NI	LI	I	VI
----	----	---	----

* Survey developed by Dakota, Inc., Project Dakota Outreach (612)455-2335

Importance Rating
Page 2

GOAL II - GROWTH IN KNOWLEDGE AND SKILLS FOR HELPING YOUR CHILD

Because of my participation
with the program....

NOT IMPT AT ALL	LITTLE IMPORTANCE	IT IS IMPT	VERY IMPT
--------------------	----------------------	---------------	--------------

....I am more able to look at my child and see
what he/she is learning to do.

NI	LI	I	VI
----	----	---	----

....I have learned about helping my child.

NI	LI	I	VI
----	----	---	----

....I enjoy my child more.

NI	LI	I	VI
----	----	---	----

....I know what my child needs to learn.

NI	LI	I	VI
----	----	---	----

....I am aware of how ordinary activities are part
of my child's learning and development.

NI	LI	I	VI
----	----	---	----

....I feel more confident about how my family
and I are helping our child.

NI	LI	I	VI
----	----	---	----

....I am more aware of how to help my child's
development.

NI	LI	I	VI
----	----	---	----

....I have a clearer picture of my child's
special needs at this time.

NI	LI	J	VI
----	----	---	----

....I feel satisfied that my child's strengths
are being discussed.

NI	LI	I	VI
----	----	---	----

....I know more about how to set goals and
strategies for my child.

NI	LI	I	VI
----	----	---	----

Comments: (Please comment if you've checked any items NI or LI): _____

Importance Rating

Page 3

GOAL III - GROWTH IN UNDERSTANDING NORMAL BEHAVIOR AND PROBLEMS

Because of my participation
with the program....

NOT IMPT AT ALL	LITTLE IMPORTANCE	IT IS IMPT	VERY IMPT
--------------------	----------------------	---------------	--------------

....I more strongly value my child spending
time with children who don't have
developmental delays.

NI	LI	I	VI
----	----	---	----

....I am more aware of how my child is like
other children.

NI	LI	I	VI
----	----	---	----

....I know more ways to get my
child to cooperate.

NI	LI	I	VI
----	----	---	----

....I am getting the help I need to learn
about handling my child's behavior.

NI	LI	I	VI
----	----	---	----

Comments: (Please comment if you've checked any items NI or LI): _____

GOAL IV - UTILIZATION OF COMMUNITY RESOURCES

Because of my participation
with the program....

NOT IMPT AT ALL	LITTLE IMPORTANCE	IT IS IMPT	VERY IMPT
--------------------	----------------------	---------------	--------------

....I know more about community agencies,
services, and programs that can help
my child or my family.

NI	LI	I	VI
----	----	---	----

....I get help from staff when I want
other programs or people to work with
me, my child, or my family.

NI	LI	I	VI
----	----	---	----

....I now have contact with services and
programs in the community who may help
my child or my family.

NI	LI	I	VI
----	----	---	----

....I am satisfied with the communication
between my child's team and community
resource persons involved in my child's
program.

NI	LI	I	VI
----	----	---	----

....I am able to get information that is
important to the health and happiness
of my family and child.

NI	LI	I	VI
----	----	---	----

Comments: (Please comment if you've checked any items NI or LI): _____

Importance Rating
Page 4

GOAL V - BUILDING A SUPPORT SYSTEM

Because of my participation with the program....	NOT IMPT AT ALL	LITTLE IMPORTANCE	IT IS IMPT	VERY IMPT
....my partner/my family are more involved in my child's learning.	NI	LI	I	VI
....I have more friends or other children helping me help my child.	NI	LI	I	VI
....staff helped the people I know be more caring and understanding of my child.	NI	LI	I	VI
....staff helped me get to know other people who are caring and understanding.	NI	LI	I	VI
....I have gotten support from other parents.	NI	LI	I	VI
....I feel less alone as the parent of my child.	NI	LI	I	VI
....staff are willing and able to help my family and friends when we have concerns or questions about my child.	NI	LI	I	VI

Comments: (Please comment if you've checked any items NI or LI): _____

My child is _____ years _____ months old.

Signature (optional) _____

1093J

THANK YOU FOR GIVING US THIS FEEDBACK!