

COMMUNITY TRAINING PROGRAMS FOR
DEVELOPMENTALLY DISABLED CLIENTS:
DEVELOPMENTAL CENTERS AND SHELTERED WORKSHOPS

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INTRODUCTION

The Office of Research surveyed developmentally disabled clients in 134 licensed Developmental Centers and Certified Sheltered Workshops throughout the State. This survey was part of a series designed to provide information about developmentally disabled clients in all programs supported by the Department of Social and Health Services.¹ The Department has used these findings to develop a plan for future services.

In the past decade, the number of community training programs for developmentally disabled persons has increased tremendously in Washington State. For example, in 1967, 17 Developmental Centers served 215 developmentally disabled clients. By 1976, more than five times as many centers served approximately 3600 clients. Similarly, vocational training services have increased from 18 Sheltered Workshops in 1970 to 40 in 1975, serving more than twice as many clients.

Training Programs Defined

"The Developmental Center program is a day training and treatment process emphasizing independent living and survival skills, productive work experience, and interpersonal growth for clients with less than 25% normal productivity."² Developmental Centers may provide the following: educational services, pre-vocational training, developmental growth training, recreation, home training and care, consultant services, and transportation. Developmental Centers are funded through public County Developmental Disabilities Boards and the Bureau of Developmental Disabilities (BDD). BDD monitors and evaluates individual Developmental Centers.

¹The other programs surveyed were state institutions for the developmentally disabled, boarding homes and congregate care facilities, group homes for the developmentally disabled, foster homes, and Case Services.

²As reported by Offices of Operations Review Project Plan for Developmental Center/Sheltered Workshop Client Flow Project, 1976.

"The purpose of the Division of Vocational Rehabilitation Sheltered Workshop is to prepare developmentally disabled and other handicapped persons for gainful employment or maximum self-support as an alternative to dependency."¹ Sheltered Workshops may provide diagnostic and evaluation services, counseling, physical and mental restorative services, maintenance, training toward a vocational objective, and placement and follow-up services. Vocational Rehabilitation (VR) Division purchases services from Certified Sheltered Workshops for clients who have a work potential above the 25 percent level of productivity (according to Department of Labor standards).

METHODS

The Office of Research conducted this survey from March to May, 1976 with assistance from the Bureau of Developmental Disabilities (BDD), the Vocational Rehabilitation Division (VR), the County Developmental Disabilities Boards, and the Washington Association for Rehabilitation Industries.

Sampling Procedures

BDD listed 94 licensed Developmental Centers in January, 1976. Figure 1 shows the distribution of these Centers throughout the state. To insure a representative sample, BDD classified the centers into the following categories:

1. Preschool Program: 26 Centers served developmentally disabled children under 5-6 years old and three of these centers also provided infant stimulation programs;
2. Developmental Center for adults: 34 Centers provided services to developmentally disabled adults;
3. Developmental Center for adults affiliated with a Sheltered Workshop: 23 Centers were co-located with a Sheltered Workshop Program;

¹As reported by Office of Operations Review Project Plan for Developmental Center/Sheltered Workshop Client Flow Project, 1976.

4. County Direct Services: Eleven Centers provided services directly to developmentally disabled children and adults in their county, but did not necessarily offer a full-time program in a given facility. Generally, these programs are provided in small or rural counties.

We randomly selected 50% of the Developmental Centers according to region and program category.

VR identified 40 Certified Sheltered Workshops in January 1976. Figure 2 shows the regional distribution of these facilities. We randomly sampled 50% of the 23 Sheltered Workshops affiliated with a Developmental Center and 50% of the remaining 17 Sheltered Workshops.

The administrators of 43 Developmental Centers and 19 Sheltered Workshops agreed to participate in this survey. Thus, the final sample represented 47% of the Developmental Centers and 48% of the Sheltered Workshops in the State as shown in Table 1.

Data Collection Procedures

We collected data on all DSHS clients in these facilities who met Washington State's definition of "developmental disabilities" (See Appendix A). The final sample of 1542 clients included 1286 developmentally disabled adults (747 in Developmental Centers and 539 in Sheltered Workshops) and 256 developmentally disabled children.

Research analysts collected data about individual clients using two questionnaire forms, one for adults (96 items) and one for children (68 items), as shown in Appendix B. Whenever possible, the items were selected from the American Association on Mental Deficiency's Manual on Terminology and Classification in Mental Retardation, 1973 Revision (Grossman, 1973). These items are standardized and reliable.

The adult and children's questionnaires were divided into two sections. Research analysts answered questions in the first section based on individual

client records.¹ This section focused on demographic characteristics, medical diagnosis, and previous history of services.

The second section included questions about current behavior and functional abilities, and were answered by staff who worked with the clients regularly.

Data were numerically coded, keypunched, and analyzed using computer programs referred to as Statistical Package for the Social Sciences (Nie, Hull, Jenkins, Steinbrenner, and Bert, 1975).

Population Projections

The tables in this report project the total number of developmentally disabled clients enrolled at the time we completed the survey. In Developmental Centers, there were 2010 adults and 755 children (based on April 1976 billings and June 1976 residence survey). In Sheltered Workshops there were 1348 clients, of whom 82% or 1112 were developmentally disabled.

In this report clients will be referred to as "BDD" or "VR" according to their primary DSHS funding source. The data will be presented separately for adults and for children.

ADULTS IN TRAINING PROGRAMS

General Population Characteristics for Adults

Substantially more VR clients live independently (12%) than do BDD clients (2%). An estimated 173 adult clients in these training programs live on their own. Many clients live with parents or guardians (32% BDD, 30% VR) or in congregate care facilities and group homes² (32% BDD, 30% VR). A substantial

¹In most programs, Research Analysts reviewed the records of all DSHS clients to identify the developmentally disabled. Occasionally, the facility staff pre-identified clients who were developmentally disabled to protect the confidentiality of other clients. In these cases, only pre-identified records were reviewed.

²The distinction between congregate care facilities, boarding homes, or group homes could not reliably be made from all records, and this were combined.

proportion of BDD clients live in nursing homes (32%), while few VR clients (3%) do. Approximately 3% of BDD and VR clients live in foster homes and another 3% live in state institutions for the mentally retarded. (Table 4)

"Most immediate prior residence" was not in the records of 26% of BDD clients and 17% of VR clients. Still it is possible to see that many clients moved from institutions to community residences. Previously, 761 clients lived in state institutions, whereas only 85 continue to do so. Compare Tables 4 and 5. In the past, more BDD clients (549) than VR clients (212) were institutionalized. Currently, most of these clients live with their family or guardian.

More than 90% of the developmentally disabled clients are referred for services because of their mental retardation. The next most frequent reason for service referral is cerebral palsy (4% BDD, 3% VR). (Table 6)

In Developmental Centers, many individuals (39%) are labeled "mentally retarded" without further specification of level of retardation. Six percent of the clients are considered "borderline" retarded. Quite a few BDD clients are moderately retarded (18%) or mildly retarded (15%). Another 12% of BDD clients are severely retarded, while only 1% are profoundly retarded. (Table 7)

In Sheltered Workshops, the majority are classified in the borderline to mildly retarded range (24% borderline, 36% mildly retarded). Nineteen percent of VR clients are moderately retarded; less than 4% are severely or profoundly retarded. Compared to Developmental Center clients, fewer VR clients are assigned the general label of "mentally retarded" with no further information (13%). (Table 7)

The age group distribution shows that clients attending VR programs are younger than those attending Developmental Centers. Nearly half (49%) of the

VR clients are between 17 and 26 years old, compared with only 37% of BDD clients in the same age range. The proportion of BDD clients over 42 years old is 31%, compared to only 12% of VR clients. (Table 8)

Generally, VR and BDD clients tend to be enrolled for similar time periods. Between 25-35% of the clients have been enrolled less than one year. However, 17% of VR clients have been enrolled less than 3 months compared with only 7% of BDD clients. It is interesting to note that 21% of BDD clients and 17% of VR clients have been at their current facility from 4-15 years. (Table 9)

Most clients previously attended special education classes (37% BDD, 53% VR) or were enrolled in a state institution for the mentally retarded (25% BDD, 17% VR). More than 5% of VR clients graduated from high school or had attended college, while less than 2% of BDD clients had this much schooling experience. More than 100 of the BDD adult clients (6%) never attended school; less than 1% of VR clients had no schooling. (Table 10)

Information available about previous training and work experiences was limited and therefore is not reported here.

Basic Self-Help Skills and Supervision of Medications

Over 90% of the individuals in Developmental Centers and Sheltered Workshops are rated as independent in their eating, dressing, or toileting skills. Less than one percent of the Developmental Center clients have no self-help skills. Most clients have no reported problems in grooming and personal hygiene; however, for those with problems, the proportion is higher for BDD clients (20%) than for VR clients (13%). (Tables 11, 12, 13, and 14)

Nearly half of these clients need no regular medication, (44% BDD and 47% VR). Of those in Developmental Centers known to need medications (34%

of the total population), 35% take their own medications, 19% need to be reminded, and 47% need assistance. In Sheltered Workshops the proportion of clients needing medication is 19% of the total population. Of these, most (73%) take their own medications, with 13% needing a reminder and 14% needing assistance. (Table 15)

Medical Diagnosis and Staff Ratings of Seizures

For the majority of clients, the etiology of their mental retardation is unknown. When etiology is diagnosed, chromosomal abnormality (17%) is the most frequently listed cause, followed by trauma or physical agent (7%), cultural-familial retardation (4%), and infection or intoxication (3%).

(Table 16)

Most clients in these daytime programs have no medically diagnosed sensory impairment (71% BDD clients; 79% VR clients). In Developmental Centers, only 18 individuals (1%) are blind, although another 161 (8%) are visually handicapped. Eight-seven BDD clients (4%) are hearing handicapped, another 22 BDD clients (1%) are deaf. In Sheltered Workshops, only six individuals (1%) are blind and 77 (7%) are hearing handicapped. There are no individuals in either setting who are both deaf and blind, or blind and hearing handicapped. However, 28 clients have both hearing and visual handicaps. (Table 17)

Information about seizures was obtained from facility records as well as from staff interviews. According to records, 1239 BDD clients (64%) and 806 VR clients (73%) have no convulsive disorder. The most frequently diagnosed convulsive disorder for both groups of clients is "other, mixed, or unclassifiable" (BDD 8%, VR 7%). "Major motor seizures" are diagnosed for 62 BDD clients (3%) and 56 VR clients (5%). (Table 18)

(Note: Information from staff was obtained to get an evaluation of

current degree of seizure severity and control. Not surprisingly, there were discrepancies between staff reports and medical records, probably related to the fact that some clients have not had a seizure problem that has been called to the attention of the staff).

Staff reported that some clients (113 BDD clients, 50 VR clients) currently have uncontrolled seizures. (Table 19) Concerning frequency and severity of seizures for these uncontrolled cases, 4% of BDD clients and 3% of VR clients have seizures that occur monthly or more often. (Table 20) Moreover, 64 BDD clients (3%) and 21 VR clients (2%) are rated as having serious seizures that might endanger their lives. A larger proportion of clients have only mild seizures (4% BDD clients, 3% VR clients). (Table 21)

The majority of clients in both settings have no motor dysfunction problems. An equal proportion of BDD and VR clients (6%) have mild to moderate motor dysfunction. Severe motor dysfunction is reported for 46 BDD clients (2%) and only 6 VR clients (1%). (Table 22)

Ambulation, Wheelchair Skills, Arm-Hand Use, Sensory Capabilities and Spasticity

Almost all clients can walk. Of the Developmental Center clients who cannot walk (5%), all but a few are in wheelchairs and most have some mobility and transfer skills. Only 3 VR clients use wheelchairs. (Tables 23, 24, and 25)

Clients also were rated as very capable in arm-hand use. More than 90% of both BDD and VR clients have no coordination problems or manage fairly well. Very few clients require extensive help (3% BDD, 4% VR) and only in Developmental Centers are there individuals (4%) with no arm-hand use. (Table 26)

Staff ratings indicate that 71-91% of clients in both groups have no apparent problems seeing or hearing. Almost twice the proportion of BDD

clients (15%) as VR clients (7%) have some difficulty with vision. Less than 1% of either group have great visual difficulty. Seven percent of BDD clients have some difficulty hearing and 2% have great difficulty. A total of 32 individuals have no usable hearing (1% BDD, 1% VR).

(Tables 27 and 28)

Ten percent of BDD clients are mildly or moderately spastic. Few VR clients (2%) are mildly spastic and only 1% are moderately spastic. Severely spastic individuals were found only in Developmental Centers (2.3%).

(Table 29)

Basic Communication Skills

At least 60% of the clients in adult day programs understand complex sentences. Another 27% understand simple phrases or words. Proportionately more BDD clients can only understand simple phrases (6%), compared to 3% VR clients. Less than 2% of the clients respond only to gestures and very few clients (.3%) have no receptive language skills at all. (Table 30)

The distribution of productive communication skills is similar to that of receptive language skills. That is, more than 85% of the clients in both settings speak in sentences, and many are capable of expressing complex concepts. (Table 31) However, 21% of BDD clients and 16% of VR clients are reported to be "somewhat difficult to understand." In addition, 9% of VR clients and 13% of BDD clients are rated as "hard to understand."

(Table 32) There is a higher proportion of individuals in Developmental Centers (17%) who are limited to using only a few words, gestures, or sounds, or who do not communicate at all than there is in Sheltered Workshops (10%). (Table 31)

Social Skills

More than 60% of BDD clients and 77% of VR clients are rated as able to

initiate most of their own activities or as asking someone for direction. A higher proportion of BDD clients (32%) would "sit all day if not directed to an activity," compared with 16% of VR clients. Less than 1% of individuals in either group was described as unwilling to do any assigned activities. (Table 33)

Over 50% of clients in these programs interact cooperatively and frequently with others. Almost one-third of BDD and VR clients were rated as "interacting with others, but very little." Fewer than 4% of individuals were rated by staff as completely unresponsive to others. In Developmental Centers, 12% of the clients were described as "frequently inappropriate" in their behavior compared to 7% of VR clients. A small proportion (3% BDD, 2% VR) were described as almost always behaving inappropriately with others. Clearly, the majority of clients are judged by staff to interact appropriately (more than 75% of BDD and VR clients). (Tables 34 and 35)

Most BDD and VR clients participate in group activities either spontaneously or with encouragement. A fair proportion are initiators or leaders of group activities, (9% BDD clients, 14% VR clients). Fewer than 10% of the clients in either group were described as "isolates." (Table 36)

Fifty percent of BDD clients and 54% of VR clients are usually dependable and able to accept responsibility. Proportionately more VR clients (27%) than BDD clients (16%) are rated as very conscientious and responsible. Also, fewer VR clients (12%) than BDD clients (21%) are considered "unreliable." Some clients (7% BDD, 3% VR) are never given responsibility, because they are not considered capable. (Table 37)

Community Skills

About half of BDD and VR clients (46-59%) have friends in the community

and also participate in outside organized social activities. (Note, there is a high proportion of "unknowns" on these questions.) Many more (80% were described as having friends within the facility. More VR clients are able to use public transportation (65%) and have a driver's license (7%) than BDD clients (21% and 1% respectively). Half of the clients in Developmental Centers reside with other clients from the same facility, whereas only 32% of the VR clients do. (Table 38)

Academic Skills

The academic skills rated were reading, writing, number concepts, money handling, time and sense of direction. In general, at least one-quarter and sometimes three-quarters of the clients received a top rating in each skill, with proportionately more of the VR clients than BDD clients receiving the highest ratings.

A large proportion of clients have at least some reading skills, with 45% of BDD clients and 67% of VR clients able to recognize practical words or signs. Over one quarter of BDD clients (27%) and nearly half of the VR clients (43%) can read books or magazines. Over half of the BDD clients and two-thirds of the VR clients possess some elementary writing skills, with 21% of BDD clients and 39% of VR clients able to write sentences. (Tables 39 and 40)

Almost half of the VR clients (48%) can add and subtract numbers compared to 26% of BDD clients. Many BDD clients (39% either have no understanding of numbers at all or can only discriminate between "one" and "many," compared with 15% of VR clients who function at these levels. (Table 41)

Money handling skills differ considerably between BDD and VR clients. Almost half of the VR clients (45%) independently use money and can be trusted to go on shopping errands, while only 14% of BDD clients were so rated. In

addition, a quarter of BDD and VR clients are able to use money but are not capable of making correct change. (Table 42)

A similar difference between BDD and VR clients appears in their ability to tell time. Three-quarters of clients in Sheltered Workshops can tell time correctly compared to only 37% of BDD clients. Half of the BDD clients have no concept of time or can discriminate only between day or night, compared to 17% of VR clients. (Table 43)

The majority of these adult clients have some sense of direction and can move around the facility grounds without getting lost (73% BDD clients, 87% VR clients). Forty-five percent of BDD clients and 72% of VR clients leave the facility grounds without getting lost. (Table 44)

Work Skills, Attendance, and Possibilities for Placement

A definite pattern appears in the ratings on complexity, speed, and accuracy in task completion. Not surprisingly, VR clients are consistently rated as more capable than are BDD clients, since Sheltered Workshops focus on providing training in these areas. Similar proportions of BDD and VR clients are rated as moderate or average in their work skills and fewer VR clients (20-35%) received the highest rating "seldom makes mistakes after learning task" on the accuracy question. In comparison, on the complexity and speed questions, only 12-20% of the clients received the top ratings. (Tables 45, 46, and 47)

Concerning motivation, tolerance of change, and problem solving ability, VR clients are rated as more capable than BDD clients. Both groups of clients were judged as highly adaptable, with 33% of BDD clients and 46% of VR clients rated "tolerates changes and obstacles well." In contrast, only 11% of BDD clients and 18% of VR clients were rated in the top category for good judgment and problem solving. (Tables 48, 49, and 50)

More than half of the adult clients in day programs were rated as performing at a stable level in their training situation. However, almost one-third of BDD clients are highly variable and unpredictable, as are 22% of VR clients. (Table 51) Many clients willingly accept supervision of their work--52% of BDD clients and 62% of VR clients. Almost equal proportions of BDD clients (28%) and VR clients (27%) have some difficulty accepting supervision. Serious problems accepting supervision were reported for 8% of BDD clients and 7% of VR clients. (Table 52)

At least 75% of clients in both programs do attend the program regularly. Less than 10% are frequently absent from training. (Table 53)

In an overall rating of the client, 17% of VR clients are judged as almost ready for competitive employment compared to 5% of BDD clients. A large portion of both groups (46% BDD, 30% VR) are rated as "unlikely to achieve a level of performance needed for competitive employment." (Table 54)

Major Behavior Problems

The proportion of BDD clients with specific major behavior problems is almost always higher than for VR clients. The four most frequently reported serious behavior problems for BDD clients are: (1) temper tantrums - 13%, (2) very aggressive towards others - 10%, (3) withdrawn - 10%, and (4) repetitive abnormal or unusual behavior - 8%. For VR clients, the four most often identified are: (1) very aggressive towards others - 8%, (2) temper tantrums - 7%, (3) severe hyperactivity - 5%, and (4) withdrawn - 5%. (Table 55)

Comparison of VR and BDD Adult Clients

Table 99 compares developmentally disabled adults in BDD versus VR training programs. The statistical methods for generating the groups are described elsewhere (Landesman-Dwyer and Brown, 1976). Basically, the major finding is that there is considerable overlap between the client groups--particularly for the more capable groups with no serious medical or behavioral problems. Specifically, more than 75% of BDD and VR clients fall into this classification.

CHILDREN IN DEVELOPMENTAL CENTERS

Since the questions and the ratings by staff differed for children who are developmentally disabled, these findings are reported in separate tables.

The children in these Developmental Center programs range widely in age, although most (75%) are under seven years of age and attend preschools or infant programs. (Table 56) Some of the children over 7 years participate in part-time or County Direct Services that supplement their public school attendance.

Ninety-five percent live with their parents and five percent live in foster homes. (Table 57)

This is the first training program for the majority of children (70%). Some had previous experience in preschools or infant stimulation programs, and others attended public schools. (Table 58) Over 50% have been enrolled for less than 12 months in their current program, and 7% have been receiving services for over three years. (Table 59) More boys (401) than girls (354) are enrolled. (Table 60) Some children require special prescribed medications (24%). Almost all require help with taking medications. (Tables 61, 62, and 63)

Approximately 10% of the children in Developmental Centers are not considered mentally retarded. Further analysis of the characteristics of these 74 children shows that 21 are cerebral palsied, 9 have hearing defects, 3 are blind, 3 are autistic, 3 are deaf, 3 have psychiatric problems, and another 33 have "other" problems. In this group of 74 children, 40% have ambulation problems and 76% have behavior problems. Nearly half of the non-retarded children are under 6 years old (48%), and many are between the ages of 6 and 12 years (36%). A large group of children (136 or 18%) have no label of

retardation in the record, but appear functionally retarded, according to other evidence in their records. Many children are only borderline (45 or 6%) or mildly retarded (61 or 8%); while fewer are severely (23 or 3%) or profoundly retarded (9 or 1%). The single largest group of children attending daytime programs simply had the general label of "mentally retarded" but were not further classified. (Table 64) The primary reasons for admission to the program include cerebral palsy (11%), hearing handicaps (4%), seizures (2%), spasticity (2%), visual problems (1%), and blindness (1%), as well as the most frequent reason of mental retardation (58%). Other reasons and secondary problems are shown in Table 65.

For children, ratings of self-help skills were made by staff relative to norms for their age. More children are functioning at age-appropriate levels in eating than in either dressing or toileting. Many children are severely delayed in toilet use skills (9%) and dressing skills (10%), and even more have no skills whatsoever and are judged by staff to be unable to benefit from training (10% in toileting, 9% in dressing). Only 7% of the children are severely delayed in eating skills, and 5% have no skills. (Tables 66, 67, and 68)

Concerning cause of mental retardation, the most frequently listed reasons are: (1) chromosomal abnormality (usually Down's Syndrome) for 18%, (2) cultural-familial retardation for 8%, (3) trauma or physical agent for 6%, and (4) unknown prenatal influence for 5%. (Table 69) Many children have diagnosed visual handicaps and/or hearing impairments. A total of 163 children are affected. (Table 70) At least 18% of these children have a diagnosed seizure disorder. (Table 71) The majority of these children's seizures are not entirely controlled by medication, over half had seizures within the last 6 months, and many have seizures more often than once a

month. (Table 72) Fortunately, most of these seizures are classified as not life-threatening; although 44 children (6%) do have very serious, life-threatening uncontrolled seizures. (Table 73)

More than 20% of the children are nonambulatory--12% are total bed patients, 11% can at least crawl, scoot, or use a wheelchair. (Table 74) Of the 20 children in wheelchairs, 17 need total assistance to move through space and all need help transferring to and from the wheelchair. (Tables 75 and 76) More than 90 children (12%) have very limited arm-hand use or no arm-hand use. (Table 77) The staff ratings of the children's seeing and hearing abilities show that more than 20% have visual problems (6% have great difficulty or are blind) and 13% have hearing problems (7% have great difficulty or are deaf). (Tables 78 and 79) Also, more than 22% are spastic, many showing moderate to severe degrees of spasticity. (Table 80)

The children's abilities in language and in communication vary widely, although many of the very young children (e.g., 266 under 3-4 years of age) may be expected to advance considerably in these areas. The majority do show both receptive and productive language abilities. (Tables 81, 82, and 83)

Socially, the majority of these children are rated as initiating their own activities (68%); although 15% need to be directed and 5% do not participate in assigned activities. (Table 84) Similarly, most of the children are frequently cooperative and interactive, and many play well with peers. However, 198 children (26%) are rated as "seldom plays well with peers," and many have "inappropriate" interactions. (Tables 85, 86, and 87) Overall, about one-third of the children have shown much progress, another third have shown moderate progress, and 15% have progressed very little. (Table 88) About half are rated as sometimes attentive. About 12% are very seldom attentive. (Table 89)

Academic skills of reading, writing, number concept, time concept, and money handling skills are shown in Tables 90 - 94, but in our opinion do not warrant further discussion--since many preschool children normally do not show skills in this area, and more than 20% were rated as "unknown."

Some of the children do show major behavior problems, including repetitive unusual behaviors (11%), severe withdrawal (11%), aggressiveness towards others (8%), temper tantrums (6%), and severe hyperactivity (5%).

(Table 95)

Nearly half of the children had received a recent formal clinic evaluation. (Table 96) Twenty-three percent have major problems concerning their home life. (Table 97) One third of the children 4 years old or older were scheduled to attend public school. (Table 98)

S U M M A R Y

DSHS sponsors more than 3000 developmentally disabled children and adults in at least 134 specialized daytime programs throughout Washington State. The findings from this survey are based on a random stratified sample of 1542 clients in 43 Developmental Centers and 19 Sheltered Workshops. The primary data sources were staff who knew the clients individually and records maintained by the facilities.

More than 90% of the developmentally disabled clients in daytime programs are mentally retarded. Generally, clients in Developmental Centers function at a lower level in self-help, academic, and social areas than Sheltered Workshop clients. Developmental Centers serve both very young and older individuals, many of whom live in state-supported residential facilities. Sheltered Workshops focus on serving adults who demonstrate job-related potential. However, staff rate only 53% of the developmentally disabled in vocational training as likely to achieve competitive employment, and over 30% have been enrolled for 3 years or longer.

The "typical" profile of a Sheltered Workshop participant is a 29-year-old male who is single, mildly retarded, and has no sensory-motor handicaps. He usually lives with relatives or in a group home/congregate care facility, previously attended special education classes, and is very capable in self-help and communication skills. There are notable exceptions--such as clients who have significant sensory or motor handicaps and those who present serious behavior problems (primarily physical aggression towards others and temper tantrums). Previously, nearly 20% lived in state institutions. Currently, more than 10% live independently.

An "average" adult in a Developmental Center is 35 years old, either male or female, and single. Chances are approximately equal that the client lives with relatives, in a group home/congregate care facility, or in a nursing home. For BDD clients, there is a greater probability that sensory-motor impairments exist, and that training is needed in basic self-help or community survival skills. Also, this client group is reported to have more behavior problems than the Sheltered Workshop population.

An important finding is that many of the clients in Developmental Centers and Sheltered Workshops are remarkably similar in their functional, medical, and behavioral profiles. In fact, over 75% of both BDD and VR adult clients are classified as moderately capable to very capable in self-help and communication skills, and have no serious medical or behavioral problems.

(Table 99)

Concerning children who are developmentally disabled and enrolled in Developmental Centers, almost all live with their parents and have been assigned a general label of mental retardation or developmental delay. These preschool programs seek to improve the social and self-help skills of these children who will soon progress to public school programs.

Figure 1
 Developmental Centers by DSHS Region - January 1976



Figure
 Certified Workshops by DSHS Regions - January 1976



Vocational Rehabilitation districts
 are similar but numbered differently

TABLE I

DISTRIBUTION OF COMMUNITY DAYTIME PROGRAMS SAMPLED

	State Total	Final Sample	
	(January 1976)	Number	Percent of total
SHELTERED WORKSHOPS			
a. Sheltered Workshop alone	17	8	47%
b. Sheltered Workshop jointly affiliated with a Developmental Center	23	11	48%
TOTAL	40	19	48%
DEVELOPMENTAL CENTERS			
a. Developmental Center alone	34	15	44%
b. Developmental Center affiliated with a Sheltered Workshop	23	11	48%
c. Developmental Center serving pre-schoolers and infants	23	12	52%
d. County Direct services	11	5	42%
TOTAL	91	43	47%

TABLE 2

SEX

	Developmental Centers BDD		Sheltered Workshops VR	
Total population	2,010		1,110	
Male	50.2%	1,009	63.5%	706
Female	49.6%	997	35.4%	394
Unknown	0.2%	4	1.1%	12

Data Source: Central Records

TABLE 3

MARITAL STATUS

	Developmental Centers BDD		Sheltered Workshops VR	
Total population	2,010		1,112	
Single	92.8%	1,865	92.6%	1,030
Married	2.1%	42	3.9%	43
Widowed	—	—	0.2%	2
Divorced	—	—	0.9%	10
Separated	0.1%	2	0.7%	8
Unknown or uncertain	5.0%	101	1.7%	19

Data Source: Central Records

TABLE 4

TYPE OF CURRENT RESIDENCE

	Developmental Centers		Sheltered Workshops	
	BDD		VR	
Total population	2,010		1,112	
Independent living	2.1%	42	11.8%	131
Lives with parent, relatives, or guardian	35.1%	706	43.6%	485
Lives with roommate or spouse	—	—	1.3%	14
Foster Home	2.8%	56	3.2%	36
Congregate Care Facility, Boarding Home, or Group Home	32.0%	643	30.2%	336
Nursing Home (SNF, SNF/ICF, or ICF)	23.6%	474	2.8%	31
Institution for individuals with developmental disabilities	2.9%	58	2.4%	27
Other	0.4%	8	1.7%	19
Unknown or uncertain	1.1%	22	3.0%	33

Data Source: Central Records

TABLE 5

MOST IMMEDIATE PRIOR RESIDENCE

	Developmental Centers BDD		Sheltered Workshops VR	
Total population	2,010		1,112	
Independent living	1.5%	30	2.8%	31
Lived with parent, relative, or guardian	33.3%	669	48.6%	541
Roommate or spouse	0.3%	6	0.7%	8
Foster Home	0.7%	14	1.1%	12
Congregate Care Facility, Boarding Home, Group Home	3.5%	70	9.1%	102
Nursing Home (SNF, SNF/ICF, or ICF)	6.3%	127	1.1%	12
Alcohol/Drug Halfway House	-	-	0.2%	2
Correctional facility	0.3%	6	-	-
Psychiatric Institution	0.5%	10	0.2%	2
Institution for individuals with developmental disabili- ties	27.3%	549	19.1%	212
Unknown or uncertain	26.3%	529	17.1%	190

Data Source: Central Records

TABLE 6
PRIMARY REASONS FOR SERVICES

	Developmental Center BDD		Sheltered Workshop VR	
Total Population	2010		1112	
Mental Retardation	90.9%	1829	92.8%	1032
Autism	0.1%	2	-	-
Cerebral Palsy	4.0%	87	3.0%	33
Visual defects	0.1%	2	-	-
Totally blind	-	-	0.2%	2
Hearing defects	0.3%	6	-	-
Totally deaf	0.5%	10	0	0
Psychiatric disorder	1.2%	24	1.2%	15
Alcoholism	-	-	0.9%	10
Seizures	0.5%	10	0.2%	2
Spasticity	0.3%	6	0.2%	2
Diabetes	-	-	0.2%	2
Accident	0.3%	6	-	-
Not Specified	1.3%	26	0.9%	10
Other	0.1%	2	0.2%	2

Data Source: Central Records

TABLE 7

LEVEL OF MENTAL RETARDATION

	Developmental Centers BDD		Sheltered Workshops VR	
Total population	2010		1112	
Not mentally retarded	1.7%	34	2.8%	31
Borderline	6.4%	129	23.7%	264
Mildly retarded	14.9%	300	36.2%	403
Moderately retarded	18.3%	368	18.9%	210
Severely retarded	11.9%	239	3.0%	33
Profoundly retarded	1.3%	27	0.2%	2
Labeled mentally retarded; but not further classified	39.0%	784	13.0%	145
No diagnosis or label in the record; appears functionally retarded	3.1%	62	0.7%	8
Unknown or uncertain	3.4%	67	1.5%	16

Data Source: Central Records

TABLE 8
DISTRIBUTION BY AGE GROUPS*

	Developmental Center BDD		Sheltered Workshop VR	
Total Population	2010		1112	
12 - 16 years old	0.3%	6	-	-
17 - 21 years old	9.2%	185	16.7%	186
22 - 26 years old	27.4%	551	32.0%	355
27 - 31 years old	15.7%	316	19.3%	215
32 - 41 years old	17.5%	352	18.9%	210
42 - 51 years old	12.3%	247	7.2%	80
52 - 65 years old	13.3%	267	4.6%	51
66 years old & over	3.5%	70	0.2%	2
Unknown or uncertain	0.8%	16	1.1%	13

*Computed from month and year of birth

Data Source: Central Records

MEAN AGE

35

29

TABLE 9
LENGTH OF ENROLLMENT IN PRESENT FACILITY*

	Developmental Center		Sheltered Workshop	
	BDD		VR	
Total Population	2010		1112	
0 - 3 months	7.0%	141	16.8%	188
4 - 6 months	8.2%	165	7.6%	84
7 - 9 months	6.2%	125	7.6%	84
10 - 12 months	2.9%	59	3.2%	36
13 months - 2 years	20.5%	412	18.9%	210
25 months - 3 years	11.8%	237	8.3%	92
37 months - 4 years	8.2%	165	15.4%	171
4 - 5 years	10.2%	205	3.8%	43
5 - 8 years	8.3%	167	9.8%	109
8 - 15 years	2.6%	52	3.4%	37
Unknown or uncertain	14.1%	282	5.2%	58

* Computed from the year each client was first enrolled in the facility. Distribution by exact years is available on request from the Office of Research.

Data Source: Central Records

TABLE 10
EDUCATIONAL BACKGROUND

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2010		1112	
No school	5.9%	119	0.9%	10
In State Institution for the Mentally Retarded	24.9%	501	16.7%	186
Special Ed or Classes for educationally handicapped	36.7%	738	52.9%	588
Public School/ grades 1 - 6	2.9%	58	3.5%	39
Public School/ grades 7 - 8	1.6%	32	2.6%	29
Public School/ grades 9 - 11	0.8%	16	3.1%	34
High school graduate or GED	1.1%	22	3.7%	41
Some College	0.3%	6	1.9%	21
Other	1.3%	26	2.8%	31
Unknown	24.5%	492	11.9%	133

Data Source: Central Records

TABLE 11
EATING SKILLS

	Developmental Centers BDD		Sheltered Workshops VR	
Total population	2,010		1,112	
Feeds self completely independently	89.1%	1,790	97.8%	1,088
Needs some assistance	4.1%	82	0.9%	10
Not trained, no response to training attempts	0.3%	6	-	-
Training not planned or appropriate	0.4%	8	-	-
Unknown or uncertain	6.1%	123	1.3%	14

Data Source: Facility Staff Evaluation

TABLE 12
DRESSING SKILLS

	Developmental Centers BDD		Sheltered Workshops VR	
Total population	2,010		1,112	
Dresses self completely independently	81.3%	1,634	95.2%	1,059
Needs some assistance	11.5%	231	2.0%	22
Not trained, no response to training attempts	0.4%	8	-	-
Training not planned or appropriate	0.4%	8	-	-
Unknown or uncertain	6.4%	129	2.8%	31

Data Source: Facility Staff Evaluation

TABLE 13
TOILET SKILLS

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Independent use of the toilet	87.0%	1,749	98.1%	1,091
Needs some assistance	6.3%	127	0.6%	7
Not trained, no response to training attempts	0.4%	8	-	-
Training not planned or appropriate	0.3%	6	-	-
Unknown or uncertain	6.0%	120	1.3%	14

Data Source: Facility Staff Evaluation

TABLE 14
PROBLEMS WITH GROOMING AND PERSONAL HYGIENE

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
No problems	71.2%	1,431	83.0%	924
Yes, daily	12.7%	255	7.6%	84
Yes, weekly	5.2%	105	3.0%	33
Yes, monthly	2.3%	46	1.9%	21
Unknown or uncertain	8.6%	173	4.5%	50

Data Source: Facility Staff Evaluation

TABLE 15

SUPERVISION OF MEDICATIONS

	Developmental Centers BDD		Sheltered Workshops ⁶ VR	
Total Population	2010		1112	
No Medication	44.4%	892	47.3%	526
Individual Takes Own Medication	11.6%	233	14.1%	157
Individual Takes Own Medication When Reminded	6.2%	125	2.4%	27
Individual Needs Help In Taking Medication	15.7%	316	2.8%	31
Unknown	22.1%	444	33.4%	371

Data Source: Facility Staff Evaluation

TABLE 16

DIAGNOSED MAJOR MEDICAL CAUSE OF MENTAL RETARDATION

	Developmental Centers BDD		Sheltered Workshops VR	
Total population	2,010		1,112	
Cultural-Familial	4.1%	83	3.5%	39
Infection or intoxication	3.2%	64	4.5%	50
Trauma or physical agent	6.7%	135	5.5%	62
Disorders of metabolism or nutrition	0.7%	14	0.6%	6
Gross brain disease (postnatal)	0.8%	16	0.6%	6
Unknown prenatal influence	2.4%	48	2.4%	26
Chromosomal abnormality	17.4%	350	8.0%	89
Gestational disorders	0.7%	14	2.0%	22
Encephalopathy, unspecified	2.3%	46	3.2%	36
Unknown or uncertain or not retarded	61.7%	1,240	69.7%	776

Data Source: Physicians' diagnoses found in the
Medical Records

TABLE 17

MEDICALLY DIAGNOSED IMPAIRMENT OF SPECIAL SENSES *

	Developmental Centers		Sheltered Workshops	
		BDD		VR
Total population		2,010		1,112
No sensory impairment	71.1%	1,429	79.3%	883
Deaf	1.1%	22	1.8%	21
Hearing handicapped	4.3%	87	3.9%	43
Blind	0.9%	18	0.6%	6
Visually handicapped	8.0%	161	6.9%	77
Deaf & visually handicapped	0.4%	8	0.6%	6
Hearing & visually handicapped	1.1%	22	0.6%	6
Unknown or uncertain	13.1%	263	6.3%	70

* This is part of the medical classification of the American Association on Mental Deficiency.

Data Source: Central or Medical Records

TABLE 18

MEDICALLY DIAGNOSED CONVULSIVE DISORDERS *

	Developmental Centers BDD		Sheltered Workshops VR	
Total population	2,010		1,112	
No convulsive disorder	64.3%	1,293	72.5%	806
Akinetic seizures	0.1%	2	0.2%	2
Autonomic seizures	0.1%	2		
Major motor seizures	3.1%	62	5.0%	56
Petit mal seizures	0.8%	16	0.7%	7
Psychomotor seizures	0.4%	8	0.4%	5
Other, mixed, or unclassifiable	7.9%	159	6.5%	72
Unknown or uncertain	23.3%	468	14.7%	164

* Defined by the American Association on Mental Deficiency as a clinical disorder characterized by a single or recurring attacks of loss of consciousness, convulsive movements, or disturbances of feeling or behavior.

Data Source: Physicians' diagnoses found in the Medical Records

TABLE 19

SEIZURES AND DEGREE OF CONTROL

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2010		1112	
None	74.7%	1501	77.1%	858
None In Two Years	2.7%	54	4.1%	45
Yes, But Controlled	1.3%	26	1.1%	12
Yes, But Not Controlled	5.6%	113	4.5%	50
Unknown	15.7%	316	13.2%	147

Data Source: Facility Staff Evaluation

TABLE 20
FREQUENCY OF SEIZURES

	Developmental Centers BDD		Sheltered Workshops VR	
Total population	2,010		1,112	
No history of seizures	75.0%	1,507	77.7%	864
Daily	0.7%	14	0.6%	7
Weekly	2.3%	46	1.7%	19
Monthly	1.2%	24	1.1%	12
Less than once a month	1.5%	30	0.9%	10
No seizures in last six months	0.8%	16	1.1%	12
No seizures in the last year	0.5%	10	0.4%	4
No seizures in the last two years	2.0%	40	2.4%	27
Unknown or uncertain	16.0%	323	14.1%	157

Data Source: Facility Staff Evaluation

TABLE 21
SEVERITY OF SEIZURES

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
No history of seizures	75.0%	1508	77.6%	863
Seizures are controlled 100% by medication	1.9%	38	2.6%	29
Seizures are mild, and do not endanger the client's life	4.0%	80	3.3%	36
Seizures are serious, and might endanger the client's life without careful monitoring	3.2%	64	1.8%	21
Unknown or uncertain	15.9%	320	14.7%	163

Data Source: Facility Staff Evaluation

TABLE 22
MEDICALLY DIAGNOSED MOTOR DYSFUNCTION

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
No Motor Dysfunction	65.5%	1316	80.1	891
Mild Motor Dysfunction	4.6%	92	4.3%	48
Moderate Motor Dysfunction	1.7%	34	1.9%	21
Severe Motor Dysfunction	2.3%	46	0.6%	6
Unknown	26.0%	522	13.2%	146

Data Source: Facility Staff Evaluation

TABLE 23
AMBULATION SKILLS

	Developmental Centers		Sheltered Workshops	
	BDD		VR	
Total population	2,010		1,112	
No difficulty walking	74.8%	1,504	92.7%	1,032
Limps or walks unsteadily (may use a cane)	12.7%	254	5.6%	62
Walks only when assisted (may use a walker)	1.9%	38	0.4%	4
Unable to walk, but not a bed patient (may crawl, scoot, or use a wheelchair)	3.7%	75	0.2%	2
Unable to walk or crawl (is a bed patient)	0.9%	18	-	-
Unknown or uncertain	6.0%	121	1.1%	12

Data Source: Facility Staff Evaluation

TABLE 24

WHEELCHAIR MOBILITY SKILLS

	Developmental Center BDD		Sheltered Workshops VR	
Total Population	2010		1112	
Does Not Use a Wheelchair	89.6%	1801	98.9%	1100
Mobility - Needs No Help	1.1%	22	-	-
Mobility - Needs Some Help	2.5%	50	.2%	2
Mobility - Need Total Assistance	1.1%	22	-	-
Unknown or Uncertain	5.7%	115	.9%	10

Data Source: Facility Staff Evaluation

TABLE 25

WHEELCHAIR TRANSFER SKILLS

	Developmental Center		Sheltered Workshops	
	BDD		VF	
Total Population	2010		1112	
Does Not Use A Wheelchair	89.6%	1801	98.9%	1100
Transfer - Needs No Help	.5%	10	-	-
Transfer - Needs Some Help	2.1%	43	.2%	2
Transfer - Needs Total Assistance	1.7%	35	-	-
Unknown or Uncertain	6.1%	121	.9%	10

Data Source: Facility Staff Evaluation

TABLE 26

ARM - HAND USE

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Has full use of both hands and arms	80.3%	1,614	95.3%	1,061
Requires some help, but can manage fairly well	11.0%	221	2.8%	31
Requires much help (special programming or prosthetic devices needed)	2.5%	50	0.4%	4
Has no arm-hand use	0.4%	8	-	-
Unknown or uncertain	5.8%	117	1.5%	16

Data Source: Facility Staff Evaluation

TABLE 27

VISUAL ABILITY *

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
No difficulty seeing	74.8%	1,502	89.4%	994
Some difficulty seeing	14.6%	294	7.4%	82
Great difficulty seeing	2.1%	43	1.7%	19
No usable vision	0.9%	18	0.2%	2
Unknown or uncertain	7.6%	153	1.3%	15

* Evaluated with the use of corrective lenses if the resident wears them.

Data Source: Facility Staff Evaluation

TABLE 28
HEARING ABILITY *

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
No difficulty hearing	83.0%	1,668	91.2%	1,015
Some difficulty hearing	7.0%	141	4.3%	47
Great difficulty hearing	1.5%	30	1.5%	16
No usable hearing	0.9%	18	1.3%	14
Unknown or uncertain	7.6%	153	1.7%	20

* Evaluated with the use of a hearing aid if the resident wears one.

Data Source: Facility Staff Evaluation

TABLE 29
SPASTICITY

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Not spastic	79.1%	1,590	94.6%	1,052
Mildly spastic	5.2%	104	2.4%	27
Moderately spastic	5.4%	109	1.1%	12
Severely spastic	2.3%	46	-	-
Unknown or uncertain	8.0%	161	1.9%	21

Data Source: Facility Staff Evaluation

TABLE 30

RECEPTIVE LANGUAGE SKILLS

	Developmental Centers BDD		Sheltered Workshops VR	
Total population	2,010		1,112	
Understands complex verbal sentences	59.7%	1,200	66.8%	742
Understands simple verbal sentences	26.5%	533	26.9%	299
Understands simple phrases or words	5.8%	116	2.8%	31
Responds to gestures and/or signs	1.3%	26	1.8%	21
Does not respond to verbal or gestural communications	0.3%	6	-	-
Unknown or uncertain	6.4%	129	1.7%	19

Data Source: Facility Staff Evaluation

TABLE 31

PRODUCTIVE COMMUNICATION SKILLS

	Developmental Centers		Sheltered Workshops	
	BDD		VR	
Total population	2,010		1,112	
Uses complex verbal concepts	50.3%	1,011	62.9%	699
Uses simple sentences (2 - 3 words)	26.6%	535	25.6%	285
Uses a few words only	10.3%	207	6.5%	72
Communicates in sounds and/or gestures	5.4%	108	2.7%	31
Does not communicate any information	1.6%	32	0.6%	6
Unknown or uncertain	5.8%	117	1.7%	19

Data Source: Facility Staff Evaluation

TABLE 32

UNDERSTANDIBILITY OF SPEECH

	Developmental Center		Sheltered Workshops	
	BDD		VR	
Total Population	2010		1112	
No Speech Problem	53.9%	1083	71.2%	792
Somewhat Difficult to Understand	21.4%	430	16.0%	178
Hard to Understand	12.9%	259	9.3%	103
No Effective Speech	3.9%	78	1.6%	19
Makes No Sounds	1.7%	34	0.6%	6
Unknown	6.2%	125	1.3%	14

Data Source: Facility Staff Evaluation

TABLE 33

INITIATIVE IN DAILY ACTIVITIES

	Developmental Centers		Sheltered Workshops	
	BDD		VR	
Total Population	2,010		1,112	
Initiates most of his own activities	34.2%	686	46.8%	520
Asks if there is an activity for him to do	26.1%	525	31.0%	345
Sits all day if not directed to an activity	31.7%	638	16.1%	10
Will not do any assigned activities	0.9%	18	0.9%	10
Unknown or uncertain	7.1%	143	5.2%	58

Data Source: Facility Staff Evaluation

TABLE 34

SOCIAL INTERACTION SKILLS

	Developmental Centers		Sheltered Workshops	
	BDD		VR	
Total Population	2,010		1,112	
Interacts cooperatively and frequently	56.5%	1,136	64.7%	720
Interacts with others but very little	34.3%	689	28.8%	320
Is completely unresponsive to others	3.2%	64	2.2%	24
Unknown or uncertain	6.0%	121	4.3%	48

Data Source: Facility Staff Evaluation

TABLE 35

APPROPRIATENESS OF INTERACTION

	Developmental Center		Sheltered Workshop	
	BDD		VR	
Total Population	2010		1112	
Usually Appropriate	47.3%	951	61.0%	679
Generally Appropriate	28.9%	581	26.9%	299
Frequently Inappropriate	12.2%	245	7.4%	82
Almost Always Inappropriate	2.8%	56	1.9%	21
Unknown	8.8%	177	2.8%	31

Data Source: Facility Staff Evaluation

TABLE 36

PARTICIPATION IN GROUP ACTIVITIES

	Developmental Centers BDD		Sheltered Workshops VR	
Total population	2,010		1,112	
Initiates group activities (leader and organizer)	9.3%	186	13.7%	152
Participates in group activities spontaneously and eagerly (active participant)	36.1%	726	43.8%	487
Participates in group activities if encouraged to do so (passive participant)	39.1%	786	28.4%	316
Does not participate in group activities (an isolate)	9.6%	193	8.0%	89
Unknown or uncertain	5.9%	119	6.1%	68

Data Source: Facility Staff Evaluation

TABLE 37
ACCEPTANCE OF RESPONSIBILITY

	Developmental Centers BDD	Sheltered Workshops VR
Total population	2,010	1,112
Very conscientious and assumes much responsibility	15.7% 315	27.1% 301
Usually dependable	50.0% 1,007	54.4% 605
Unreliable	21.3% 428	11.6% 130
Not given responsibility - is unable to carry out responsibility at all	6.6% 132	2.6% 29
Unknown or uncertain	6.4% 128	4.3% 47

Data Source: Facility Staff Evaluation

TABLE 38

COMMUNITY SKILLS

	BDD		VR	
Total Population	2010		1112	
Participates in Organized Social Activities Outside the Facility	1049	52.2%	592	53.2%
Has Friends Outside the Facility	932	46.4%	656	59.0%
Uses Public Transportation	420	20.9%	724	65.1%
Has a Driver's License	26	1.3%	79	7.1%
Has Friends Within the Workshop or Developmental Center	1650	82.1%	887	79.8%
Resides with Other People from Workshop or Developmental Center	1020	50.8%	350	31.5%

Data Source: Facility Staff Evaluation

TABLE 39
READING SKILLS

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Can read books or magazines	26.5%	533	42.9%	477
Can read to the level of recognizing practical words or signs or better	18.3%	368	24.2%	270
Only recognizes some trademarks or signs	25.7%	516	13.4%	149
Does not recognize any signs or symbols	17.3%	348	7.6%	132
Unknown or uncertain	12.2%	245	11.9%	132

Data Source: Facility Staff Evaluation

TABLE 40
WRITING SKILLS

	Developmental Workshops BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Can write sentences	20.6%	414	38.8%	431
Can write or print own name and a few words or better	35.2%	708	36.2%	403
Only prints or writes letters of the alphabet, but no words	13.1%	263	9.3%	103
Cannot print or write any letters of the alphabet	20.1%	404	5.5%	113
Unknown or uncertain	11.0%	221	10.2%	113

Data Source: Facility Staff Evaluation

TABLE 41
NUMBER CONCEPT

	Developmental Centers		Sheltered Workshops	
	BDD		VR	
Total Population	2,010		1,112	
Can add and subtract numbers	26.3%	527	48.1%	535
Handles "number situations" up to four or better	20.7%	416	26.3%	293
Discriminates between "one" and "many"	25.4%	511	11.1%	123
Has no understanding of numbers	13.8%	278	3.9%	43
Unknown or uncertain	13.8%	278	10.6%	118

Data Source: Facility Staff Evaluation

TABLE 42
MONEY HANDLING SKILLS

	Developmental Centers		Sheltered Workshops	
	BDD		VR	
Total Population	2,010		1,112	
Independently uses money - could be trusted to go on shopping errands	14.3%	287	45.1%	502
Can use money, but cannot make change correctly	28.2%	567	24.3%	270
Realizes money has value, but does not use money	26.5%	533	12.2%	136
Has no idea of the value of money	15.3%	307	5.8%	64
Unknown or uncertain or not applicable	15.7%	316	12.6%	140

Data Source: Facility Staff Evaluation

TABLE 43
TIME CONCEPT

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Tells time by the clock correctly	36.5%	734	75.1%	835
Discriminates between day and night	44.7%	898	16.0%	178
Has no concept of time	5.8%	117	1.1%	12
Unknown or uncertain	13.0%	261	7.8%	87

Data Source: Facility Staff Evaluation

TABLE 44
SENSE OF DIRECTION

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Can leave the facility grounds without getting lost	45.4%	913	72.2%	803
Can go around within facility grounds without getting lost	27.8%	559	14.5%	161
Can go around inside the facility alone	10.2%	205	5.0%	56
Gets lost whenever leaves own area	2.0%	40	2.0%	22
Never leaves own area	2.4%	48	0.2%	2
Unknown or uncertain or not applicable	12.2%	245	6.1%	68

Data Source: Facility Staff Evaluation

TABLE 45
COMPLEXITY OF TASK CLIENT CAN COMPLETE

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Very complex task (many different skills in a sequence)	13.7%	275	27.1%	301
Moderately complex task	36.9%	742	37.1%	413
Simple task only (one or two elements)	38.0%	764	24.3%	270
Unknown or uncertain	11.4%	229	11.5%	128

Data Source: Facility Staff Evaluation

TABLE 46
SPEED WITH WHICH CLIENT COMPLETES TASK

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Very quickly compared to other clients	12.6%	253	21.3%	237
Average speed compared to other clients	40.7%	818	49.0%	545
Very slow compared to other clients	35.3%	710	26.7%	297
Unknown to uncertain	11.4%	229	3.0%	33

Data Source: Facility Staff Evaluations

TABLE 47
ACCURACY IN COMPLETING TASK

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Seldom makes mistakes after learning task	20.3%	408	34.0%	378
Makes a moderate number of mistakes	50.0%	1,004	42.3%	470
Makes many mistakes	18.2%	367	10.9%	121
Unknown or uncertain	11.5%	231	12.8%	143

Data Source: Facility Staff Evaluation

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Is highly motivated to learn and work	23.1%	463	37.2%	414
Wants to learn and work, but has problems applying himself	42.3%	851	35.8	398
Does not appear motivated to learn and work	23.4%	471	13.5%	150
Unknown or uncertain	11.2%	225	13.5%	150

Data Source: Facility Staff Evaluation

TABLE 49
TOLERANCE

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Individual tolerates changes or obstacles well	33.2%	667	45.6%	507
Individual sometimes has problems coping with changes or obstacles	39.0%	784	37.9%	421
Individual frequently has problems coping with changes or obstacles - is not adaptable	15.4%	310	11.1%	124
Unknown or uncertain	12.4%	249	5.4%	60

Data Source: Facility Staff Evaluation

TABLE 50
JUDGMENT AND PROBLEM SOLVING ABILITY

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Has very good judgment and problem solving ability	11.4%	229	17.8%	198
Has moderate level of judgment and problem solving ability	39.0%	783	45.5%	506
Has very poor judgment and problem solving ability	35.1%	705	22.4%	159
Unknown or uncertain	14.5%	293	14.3%	159

Data Source: Facility Staff Evaluation

TABLE 51
CONSISTENCY IN PERFORMANCE

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Generally performs at stable level	58.7%	1,179	67.4%	749
Is very variable, unpredictable	30.1%	605	21.5%	239
Unknown or uncertain	11.2%	226	11.1%	124

Data Source: Facility Staff Evaluation

TABLE 52
ABILITY TO ACCEPT SUPERVISION AND CRITICISM

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Willingly accepts supervision of work	51.5%	1,035	62.2%	692
Has some difficulty accepting supervision	28.0%	563	26.7%	297
Has serious problems accepting supervision or criticism of work	7.9%	159	7.4%	82
Unknown or uncertain	12.6%	253	3.7%	41

Data Source: Facility Staff Evaluation

TABLE 53
ATTENDANCE

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Individual attends regularly	82.6%	1,660	78.7%	875
Individual frequently absent	7.5%	151	9.4%	105
Unknown or uncertain	9.9%	199	11.9%	132

Data Source: Facility Staff Evaluation

TABLE 54
AN OVERALL RATING OF THE CLIENT

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2,010		1,112	
Client is almost ready for competitive employment	4.8%	96	16.9%	189
Client will be ready with more training; is making steady progress	33.9%	681	35.6%	396
Client is unlikely to achieve a level of performance needed for competitive placement	45.8%	921	30.2%	336
Unknown or uncertain	15.5%	312	17.3%	191

Data Source: Facility Staff Evaluation

TABLE 55
MAJOR BEHAVIOR PROBLEMS*

	Developmental Centers BDD		Sheltered Workshops VR	
Total Population	2010		1112	
Very Agressive Towards Others	193	9.6%	88	8.0%
Physical Self-Abuse or Self-Destructive	94	4.7%	14	1.3%
Destroys Property or Objects	101	5.0%	28	2.6%
Severe Hyperactivity (constant talking and/or in motion)	140	7.0%	60	5.4%
Withdrawn (apathetic to the extents that seems unaware of surroundings)	193	9.6%	55	5.1%
Repetitive Abnormal or Unusual Behavior	168	8.4%	17	1.6%
Stealing	74	3.7%	32	3.0%
Wanders	162	8.1%	41	3.7%
Temper Tantrums	262	13.2%	77	7.0%
Sexually Molests Others	10	.5%	6	.6%
Other Major Behavior Problems	101	5.0%	20	1.8%
Other Socially Unacceptable Behavior	77	3.8%	39	3.5%

* Each problem was asked as a separate question so that individual residents may be coded on more than one problem. A behavior was coded as a problem only if the staff person felt that it interfered with the resident's daily life in a major way.

Data Source: Facility Staff Evaluation

TABLE 56

DISTRIBUTION BY AGE GROUP *

Children in Developmental Center Programs

Total population	755	100%
1 - 3 years old	266	35.2%
4 - 6 years old	298	39.5%
7 - 11 years old	88	11.7%
12 - 16 years old	68	9.0%
17 - 21 years old	9	1.2%
Unknown/missing	26	3.5%

*Computed from month & year of birth.

TABLE 57
TYPE OF CURRENT RESIDENCE
Children in Developmental Center Programs

Total Population	755	100%
Lives with parents, relatives or guardians	713	94.5%
Foster Home	36	4.7%
Unknown or uncertain	6	0.8%

Data Source: Facility Records

TABLE 58
IMMEDIATE NON-RESIDENTIAL TRAINING
PRIOR TO CURRENT ENROLLMENT
Children in Developmental Center Programs

Total Population	755	100%
No Program	522	69.1%
Public/Private School	65	8.6%
Infant Stimulation	6	0.8%
Other Preschool Program	68	9.0%
Other	3	0.4%
Unknown or uncertain	91	12.1%

Data Source: Facility Records

TABLE 59
LENGTH OF TIME RECEIVING SERVICES*

Children in Developmental Center Programs

Total Population	755	100%
0 - 3 months	169	22.3%
4 - 6 months	65	8.6%
7 - 9 months	86	11.3%
10 - 12 months	62	8.2%
1 - 2 years	156	20.7%
2 - 3 years	82	10.9%
3 - 4 years	36	4.7%
4 - 5 years	6	0.8%
More than 5 years	12	1.6%
Unknown	82	10.9%

*Computed from the year each child was first enrolled in the facility studied.

TABLE 60

SEX OF CHILDREN

Children in Developmental Center Programs

Total Population	755	100%
Male	401	53.1%
Female	354	46.9%

Data Source: Facility Records

TABLE 61

DIET

Children in Developmental Center Programs

Total Population	755	100%
No special instructions	363	48.0%
Special dietary Instructions	56	7.4%
Unknown or uncertain	336	44.5%

Data Source: Facility Records

TABLE 62

DAILY MEDICATIONS

Children in Developmental Center Programs

Total Population	755	100%
No prescribed daily medication	439	58.2%
Daily medication prescribed	183	24.2%
Unknown or uncertain	133	17.6%

Data Source: Facility Records

TABLE 63
SUPERVISION OF MEDICATIONS

Children in Developmental Center Programs

Total Population	755	100%
Individual has no need for medication	554	73.4%
Individual takes own medication if reminded	9	1.2%
Individual needs help in taking medication	147	19.5%
Unknown or uncertain	45	5.9%

Data Source: Facility Staff Evaluation

TABLE 64

LEVEL OF MENTAL RETARDATION

Children in Developmental Center Programs

Total population	755	100%
Not mentally retarded	74	9.8%
Borderline	45	5.9%
Mildly retarded	61	8.2%
Moderately retarded	41	5.5%
Severely retarded	23	3.1%
Profoundly retarded	9	1.2%
Labeled mentally retarded; but not further classified	251	33.2%
No diagnosis or label in the record; appears functionally retarded	136	18.0%
Unknown or uncertain	115	15.2%

Data Source: Facility Records

TABLE 65
 PRIMARY AND SECONDARY REASONS FOR ADMISSION AND TREATMENT
 Children in Developmental Center Programs

	PRIMARY		SECONDARY	
Total Population	755	100%	755	100%
Mental Retardation	439	58.2%	39	5.1%
Autism	3	0.4%	3	0.4%
Cerebral Palsy	79	10.5%	17	2.3%
Visual defects	9	1.2%	35	4.7%
Totally blind	9	1.2%	-	-
Behavior problem	6	0.8%	9	1.2%
Hearing defects	26	3.5%	23	3.1%
Totally deaf	3	0.4%	6	0.8%
Psychiatric disorder	3	0.4%	3	0.4%
Seizures	17	2.3%	39	5.1%
Spasticity	15	2.0%	3	0.4%
Cardiac problems	→	-	15	2.0%
Other	104	13.7%	68	9.0%
Not specified	42	5.5%	495	65.6%

Data Source: Facility Records

TABLE 66
EATING SKILLS

Children in Developmental Center Programs

Total Population	755	100.0%
Age appropriate or feeds self completely independently	445	59.0%
Lags behind other children this age; needs some assistance	212	28.1%
Severely delayed, not trained, no response to training attempts	53	7.0%
No skills and Training not planned or appropriate	36	4.7%
Unknown or uncertain	9	1.2%

Data Source: Facility Staff Evaluation

TABLE 67
DRESSING SKILLS

Children in Developmental Center Programs

Total Population	755	100.0%
Age appropriate, or dresses self completely independently	286	37.9%
Lags behind other children this age; needs some assistance	313	41.4%
Severely delayed, not trained, no response to training attempts	77	10.2%
No skills and Training not planned or appropriate	67	9.0%
Unknown or uncertain	12	1.6%

Data Source: Facility Staff Evaluation

TABLE 68
TOILET USE SKILLS
 Children in Developmental Center Programs

Total Population	775	100%
Age appropriate or independent use of the toilet	371	49.2%
Lags behind other children this age Needs some assistance	236	31.3%
Severely delayed, not trained, no response to training attempts	65	8.6%
No skills and training not planned or appropriate	74	9.8%
Unknown or uncertain	9	1.2%

Data Source: Facility Staff Evaluation

TABLE 69

DIAGNOSED MAJOR MEDICAL CAUSE OF MENTAL RETARDATION

Children in Developmental Center Programs

Total population	755	100%
Cultural-Familial	59	7.8%
Infection or intoxication	3	0.4%
Trauma or physical agent	44	5.9%
Gross brain disease (postnatal)	3	0.4%
Unknown prenatal influence	39	5.1%
Chromosomal abnormality	139	18.4%
Gestational disorders	17	2.3%
Encephalopathy, unspecified	3	0.4%
Unknown or uncertain or not retarded	448	59.4%

Data Source: Facility Records

TABLE 70
 MEDICALLY DIAGNOSED IMPAIRMENT OF SPECIAL SENSES*
 Children in Developmental Center Programs

Total Population	755	100%
No sensory impairment	475	62.9%
Deaf	9	1.2%
Hearing handicapped	50	6.6%
Blind	9	1.2%
Visually handicapped	77	10.2%
Blind and Hearing handicapped	3	0.4%
Hearing and visually handicapped	15	2.0%
Unknown or uncertain	117	15.6%

* This is part of the medical classification of the American Association on Mental Deficiency.

Data Source: Facility Records

TABLE 71
MEDICALLY DIAGNOSED CONVULSIVE DISORDERS*
 Children in Developmental Center Programs

Total Population	755	100%
No convulsive disorder	554	73.4%
Focal Seizures	6	0.8%
Major motor seizures	15	2.0%
Myoclonic seizures	20	2.7%
Petit mal seizures	15	2.0%
Other, mixed or unclassifiable	77	10.2%
Unknown or uncertain	68	9.0%

* Defined by the American Association on Mental Deficiency as a clinical disorder characterized by a single or recurring attacks of loss of consciousness, convulsive movements, or disturbances of feeling or behavior.

Data Source: Facility Records

TABLE 72

FREQUENCY OF SEIZURES

Children in Developmental Center Programs

Total population	755	100%
No history of seizures	563	74.6%
Daily	33	4.3%
Weekly	12	1.6%
Monthly	17	2.3%
Less than once a month	33	4.3%
No seizures in last six months	9	1.2%
No seizures in the last year	15	2.0%
No seizures in the last two years	23	3.1%
Unknown or uncertain	50	6.6%

Data Source: Facility Staff Evaluation

TABLE 73

SEVERITY OF SEIZURES

Children in Developmental Center Programs

Total population	755	100%
No history of seizures	566	75.0%
Seizures are controlled 100% by medication	12	1.6%
Seizures are mild, and do not endanger the resident's life	85	11.3%
Seizures are serious, and might endanger the resident's life without careful monitoring	44	5.9%
Unknown or uncertain	48	6.3%

Data Source: Facility Staff Evaluation

TABLE 74

AMBULATION SKILLS

Children in Developmental Center Programs

Total population	755	100%
No difficulty walking	446	59.0%
Limps or walks unsteadily (may use a cane)	103	13.7%
Walks only when assisted (may use a walker)	39	5.1%
Unable to walk, but not a bed patient (may crawl, scoot, or use a wheelchair)	79	10.5%
Unable to walk or crawl (is a bed patient)	88	11.7%

Data Source: Facility Staff Evaluation

TABLE 75

WHEELCHAIR MOBILITY SKILLS

Children in Developmental Center Programs

Total population		100%
Does not use a wheelchair	732	96.9%
Mobility - needs no help	3	0.4%
Mobility - needs total assistance	17	2.3%
Unknown or uncertain	3	0.4%

Data Source: Facility Staff Evaluation

TABLE 76

WHEELCHAIR TRANSFER SKILLS

Children in Developmental Center Programs

Total population	755	100%
Does not use a wheelchair	732	96.9%
Transfer - needs total assistance	20	2.7%
Unknown	3	0.4%

Data Source: Facility Staff Evaluation

TABLE 77

ARM - HAND USE

Children in Developmental Center Programs

Total Population	755	100.0%
Has full use of both hands and arms	560	74.2%
Requires some help, but can manage fairly well	103	13.7%
Requires much help (special programming or prosthetic devices needed)	62	8.2%
Has no arm-hand use	30	3.9%

Data Source: Facility Staff Evaluation

TABLE 78

VISUAL ABILITY

Children in Developmental Center Programs

Total Population	755	100.0%
No difficulty seeing	578	76.6%
Some difficulty seeing	118	15.6%
Great difficulty seeing	27	3.5%
No usable vision	15	2.0%
Unknown or uncertain	17	2.3%

* Evaluated with the use of corrective lenses if the child wears them.

Data Source: Facility Staff Evaluation

TABLE 79
HEARING ABILITY *

Children in Developmental Center Programs

Total Population	755	100.0%
No difficulty hearing	625	82.8%
Some difficulty hearing	42	5.5%
Great difficulty hearing	50	6.6%
No usable hearing	6	0.8%
Unknown or uncertain	32	4.3%

* Evaluated with the use of a hearing aid if the child wears one.

Data Source: Facility Staff Evaluation

TABLE 80
SPASTICITY

Children in Developmental Center Programs

Total Population	755	100.0%
Not spastic	569	75.4%
Mildly spastic	39	5.1%
Moderately spastic	79	10.5%
Severely spastic	53	7.0%
Unknown or uncertain	15	2.0%

Data Source: Facility Staff Evaluation

TABLE 81

RECEPTIVE LANGUAGE SKILLS

Children in Developmental Center Programs

Total population	755	100%
Understands complex verbal sentences	144	19.1%
Understands simple verbal sentences	295	39.1%
Understands simple phrases or words	180	23.8%
Responds to gestures and/or signs	62	8.2%
Does not respond to verbal or gestural communications	50	6.6%
Unknown or uncertain	24	3.1%

Data Source: Facility Staff Evaluation

TABLE 82

PRODUCTIVE COMMUNICATION SKILLS

Children in Developmental Center Programs

Total population	755	100%
Uses complex verbal concepts	130	17.2%
Uses simple sentences (2 - 3 words)	159	21.1%
Uses a few words only	172	22.7%
Communicates in sounds and/or gestures	206	27.3%
Does not communicate any information	71	9.4%
Unknown or uncertain	17	2.3%

Data Source: Facility Staff Evaluation

TABLE 83
 UNDERSTANDABILITY OF SPEECH
 Children in Developmental Center Programs

Total Population	755	100%
Understandable by stranger	209	27.7%
Somewhat difficult to understand	139	18.4%
Hard to understand	115	15.2%
No effective speech, but jabbers	251	33.2%
Makes no sounds	29	3.9%
Unknown or uncertain	12	1.6%

Data Source: Facility Staff Evaluation

TABLE 84

INITIATIVE IN DAILY ACTIVITIES

Children in Developmental Center Programs

Total population	755	100%
Initiates most of his own activities	516	68.4%
Asks if there is an activity for him to do	47	6.3%
Sits all day if not directed to an activity	109	14.5%
Will not do any assigned activities	36	4.7%
Unknown or uncertain	47	6.3%

Data Source: Facility Staff Evaluation

TABLE 85

SOCIAL INTERACTION SKILLS

Children in Developmental Center Programs

Total population	755	100%
Interacts cooperatively and frequently	501	66.4
Interacts with others, but very little	183	24.2%
Is completely unresponsive to others	48	6.3%
Unknown or uncertain	23	3.1%

Data Source: Facility Staff Evaluation

TABLE 86

ABILITY TO PLAY WITH PEERS
Children in Developmental Center Programs

Total Population	755	100%
Frequently plays well with peers	309	41.0%
Sometimes plays well with peers	195	25.8%
Seldom plays well with peers	198	26.2%
Unknown or uncertain	53	7.0%

Data Source: Facility Staff Evaluation

TABLE 87

APPROPRIATENESS OF INTERACTION
Children in Developmental Center Programs

Total Population	755	100%
Usually behaves in an appropriate manner with others	348	46.1%
Generally behaves appropriately, but sometimes is insensitive or inappropriate	212	28.1%
Frequently behaves inappropriately	85	11.3%
Almost always behaves inappropriately in an interpersonal situation	48	6.3%
Unknown or uncertain	62	8.2%

Data Source: Facility Staff Evaluation

TABLE 88

PROGRESS SHOWN IN DAILY LIVING AND SOCIAL SKILLS
Children in Developmental Center Programs

Total Population	755	100%
Very much progress in past year	280	37.1%
Moderate progress in past year	274	36.3%
Little progress in past year	115	15.2%
Unknown or uncertain	86	11.3%

Data Source: Facility Staff Evaluation

TABLE 89

ATTENTION AND RESPONSIVENESS
Children in Developmental Center Programs

Total Population	755	100%
Frequently is attentive and responsive	381	50.4%
Sometimes is attentive and responsive	271	35.9%
Seldom is attentive and responsive	91	12.1%
Unknown or uncertain	12	1.6%

Data Source: Facility Staff Evaluation

TABLE 90
READING SKILLS

Children in Developmental Center Programs

Total Population	755	100.0%
Can read books or magazines	85	11.3%
Can read to the level of recognizing practical words or signs or better	53	7.0%
Only recognizes some trademarks or signs	101	13.3%
Does not recognize any signs or symbols	339	44.9%
Unknown or uncertain	177	23.4%

Data Source: Facility Staff Evaluation

TABLE 91
WRITING SKILLS

Children in Developmental Center Programs

Total Population	755	100.0%
Can write sentences	85	11.3%
Can write or print own name and a few words or better	53	7.0%
Only prints or writes letters of the alphabet, but no words	33	4.3%
Cannot print or write any letters of the alphabet	410	54.3%
Unknown or uncertain	174	23.0%

Data Source: Facility Staff Evaluation

TABLE 92
NUMBER CONCEPT

Children in Developmental Center Programs

Total Population	755	100.0%
Can add and subtract numbers	85	11.3%
Handles "number situations" up to four or better	62	8.2%
Discriminates between "one" and "many"	121	16.0%
Has no understanding of numbers	289	38.3%
Unknown or uncertain	198	26.2%

Data Source: Facility Staff Evaluation

TABLE 93
TIME CONCEPT

Children in Developmental Center Programs

Total Population	755	100.0%
Tells time by the clock correctly	79	10.5%
Discriminates between day and night	189	25.0%
Has no concept of time	268	35.5%
Unknown or uncertain	219	28.9%

Data Source: Facility Staff Evaluation

TABLE 94

MONEY HANDLING SKILLS

Children in Developmental Center Programs

Total population	755	100%
Independently uses money - could be trusted to go on shopping errands	56	7.4%
Can use money, but cannot make change correctly	33	4.3%
Realizes money has value, but does not use money	82	10.9%
Has no idea of the value of money	369	48.8%
Unknown or uncertain or not applicable	215	28.5%

Data Source: Facility Staff Evaluation

TABLE 95
 MAJOR BEHAVIOR PROBLEMS*
 Children in Developmental Center Programs

Total Population	755	100%
Very aggressive towards others	60	7.9%
Physical self-abuse or self-destructive	18	2.4%
Destroys property or objects	30	4.0%
Severe hyperactivity (constant talking or in motion)	35	4.7%
Withdrawn (apathetic to the extent that seems unaware of surroundings)	80	10.6%
Repetitive abnormal or unusual behavior	80	10.6%
Stealing	6	0.8%
Wanders	36	4.8%
Temper tantrums	44	5.9%
Sexually molests others	3	0.4%

* Each problem was asked as a separate question so that individual children may be coded on more than one problem. A behavior was coded as a problem only if the staff person felt that it interfered with the child's daily life in a major way.

Data Source: Facility Staff Evaluation

TABLE 96
 RECENT FORMAL CLINIC EVALUATION
 Children in Developmental Centers

Total Population	755	100.0%
No	348	46.1% *
Yes	357	47.3%
Unknown or Uncertain	50	6.6%

TABLE 97
 MAJOR PROBLEMS CONCERNING RESIDENTIAL/FAMILY
 ASPECTS OF CHILD'S LIFE

Total Population	755	100.0%
No problems	456	72.3%
Yes, major problems	171	22.7%
Unknown or Uncertain	38	5.0%

TABLE 98
 CHILDREN 4 YRS. OLD OR OLDER SCHEDULED TO ATTEND PUBLIC SCHOOL

Total Population	755	100.0%
Regular classes	68	9.0%
Special Education	192	25.4%
Not scheduled to attend	109	14.5%
Not applicable	342	45.3%
Unknown or Uncertain	44	5.8%

Data Source: Facilities Staff Evaluation

A P P E N D I X A

WASHINGTON STATE'S DEFINITION OF
DEVELOPMENTAL DISABILITIES

Developmental Disabilities is defined as any disability which -

- (A) (1) is attributable to mental retardation, cerebral palsy, epilepsy, or autism;
 - (2) is attributable to any other condition of a person found to be closely related to mental retardation because such condition results in similar impairment of general intellectual functioning or adaptive behavior to that of mentally retarded persons or requires treatment and services similar to those required for such persons; or
 - (3) is attributable to dyslexia resulting from a disability described in clause (1) or (2) of this subparagraph;
- (B) originates before such person attains age eighteen;
 - (C) has continued or can be expected to continue indefinitely;
 - (D) and constitutes a substantial handicap to such person's ability to function normally in society.

Additionally, the State School for the Blind and State School for the Deaf are administratively directed by the Bureau of Developmental Disabilities.

TABLE 99
A COMPARISON OF PROFILES OF BDD AND VR ADULT CLIENTS WHO ARE DEVELOPMENTALY DISABLED

MEDICAL NEEDS	MAJOR BEHAVIORAL PROBLEMS	NO SELF-HELP SKILLS		VERY LIMITED SELF-HELP SKILLS		FUNCTIONAL LEVELS LIMITED SELF-HELP & COMMUNICATION SKILLS		MODERATELY CAPABLE		VERY CAPABLE		HIGHLY ADVANCED IN ACADEMIC AND COMMUNITY SKILLS	
		BDD	VR	BDD	VR	BDD	VR	BDD	VR	BDD	VR	BDD	VR
AVERAGE	NONE	6 .3%	-- --	8 .4%	-- --	86 4.3%	17 1.5%	473 23.5%	172* 15.5%	378 18.8%	456 41.0%	-- --	12 1.1%
AVERAGE	MODERATE	-- --	-- --	22 1.1%	2 .2%	70 3.5%	5 .4%	264 13.1%	52 4.5%	167 8.3%	121 10.9%	-- --	-- --
MODERATE	MODERATE	8 .4%	-- --	16 .8%	-- --	30 1.5%	-- --	71 3.5%	7 .6%	24 1.2%	16 1.5%	-- --	-- --
MODERATE	NONE	-- --	-- --	119 5.9%	10 .9%	16 .8%	19 1.7%	86 4.3%	60 5.4%	58 2.9%	91 8.2%	-- --	-- --
AVERAGE	SERIOUS	-- --	-- --	6 .3%	-- --	2 .1%	5 .4%	30 1.5%	12 1.1%	34 1.7%	34 3.1%	-- --	-- --
MODERATE	SERIOUS	-- --	-- --	2 .1%	-- --	6 .3%	-- --	-- --	-- --	6 .3%	7 .6%	-- --	-- --
SERIOUS	NONE	-- --	-- --	2 .1%	-- --	6 .3%	-- --	2 .1%	2 .2%	2 .1%	7 .6%	-- --	-- --
SERIOUS	MODERATE	-- --	-- --	2 .1%	-- --	2 .1%	-- --	2 .1%	5 .4%	2 .1%	-- --	-- --	-- --
SERIOUS	SERIOUS	-- --	-- --	2 .1%	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
	COLUMN TOTALS	14 .7%	-- --	179 8.9%	12 1.1%	218 10.9%	46 4.0%	928 46.1%	310 27.9%	671 33.4%	732 65.9%	-- --	-- 1.1%

APPENDIX B
DATA COLLECTION VARIABLES*

01. ID#
02. WORKSHOP/ACTIVITY CODE
- A03. CURRENT DVR PROGRAM
- 0. Not sponsored by DVR
 - 1. Vocational evaluation/adjustment
 - 2. Extended Sheltered Employment
 - 3. Sheltered Employment
 - 4. Placement
 - 5. Other (specify)
 - 9. Unknown - Uncertain
04. DATE ENROLLED IN WORKSHOP in PROGRAM (Month - Year)
05. BIRTHDATE (Month - Year) -----
06. SEX
- 0. Male
 - 1. Female
 - 9. Unknown - uncertain
07. RACE
- 0. White
 - 1. Black
 - 2. Indian
 - 3. Other
 - 9. Unknown - uncertain
- A08. MARITAL STATUS
- 0. Single
 - 1. Married
 - 2. Widowed
 - 3. Divorced
 - 4. Separated
 - 9. Unknown - uncertain
09. MEDICATIONS DAILY
- 0. No medication prescribed
 - 1. Medication prescribed
 - 9. Unknown - uncertain
10. DIET
- 0. No special instructions
 - 1. Special instructions
 - 9. Unknown - uncertain
11. CURRENT COUNTY OF RESIDENCE (see county and city listing)
12. TYPE OF CURRENT RESIDENCE (SEE ADDRESS SHEET)
- 0. Independent living
 - 1. Lives with parent, relatives, or guardian
 - 2. Roommate - spouse
 - 3. Foster home

NOTE:
"A" indicates variables for adult programs only.
"C" indicated variables for childrens' programs only.
All other variables were asked in both adult and childrens' programs.

Type of Current Residence (Cont'd)

- *4. CCF, BH or Group Home
- *5. Nursing home
- 6. Alcohol/Drug Halfway House
- *7. DD Institution (specify in 12 below)
- 8. Other (specify)
- 9. Unknown - uncertain

*Residential facilities studied

13. WAS SPECIFIC RESIDENCE STUDIED SINCE OCTOBER 1975? (SEE ADDRESS SHEET)

- 00. Not in residence studie
- 01. Rainier School
- 02. Lakeland Village
- 03. Fircrest School
- 04. Yakima Valley School
- 05. Interlake School
- 06. Francis Haddon Morgan
- 07. School for the Blind
- 08. Nursing Home
- 09. BH - CCF
- 10. Group Home
- 99. Unknown - uncertain

14. MOST IMMEDIATE PRIOR RESIDENCE

- 00. Independent Living
- 01. Lived with parent, relative, or guardian
- 02. Roommate - spouse
- 03. Foster Home
- 04. CCF, BH, or Group Home
- 05. Nursing home
- 06. Alcohol/Drug Halfway House
- 07. Prison (correctional facility)
- 08. Psychiatric Institution
- 09. Rainier School
- 10. Lakeland Village
- 11. Fircrest School
- 12. Yakima Valley School
- 13. Interlake School
- 14. Francis Haddon Morgan
- 15. School for the Blind
- 16. School for the Deaf
- 17. Out of State DD Inst.
- 99. Unknown - uncertain

15. YEAR FIRST INSITUTIONALIZED (anything other than home or foster home)

- 00. Never insitutionalized
- 97. Unknown year but institutionalized for some time
- 98. Unknown year but institutionalized for much time
- 99. Unknown - uncertain

16. IMMEDIATE NONRESIDENTIAL TRAINING PRIOR TO CURRENT ENROLLMENT

- | | |
|--------------------------|------------------------------|
| 0. No program | 5. Community College program |
| 1. Was in institution | 6. Hospital program |
| 2. DD Activity Center | 7. Certified workshop |
| 3. Public/private school | 8. Other (specify) |
| 4. Sheltered workshop | 9. Unknown - uncertain |

A17. RESULT OF PREVIOUS WORKSHOP OR DEVELOPMENTAL CENTER EXPERIENCE

0. No previous workshop experience
1. Training complete, placed competitive
2. Training complete, not placed competitive/sheltered emp.
3. Training complete, ESE
4. Voluntary withdrawal, job obtained
5. Voluntary withdrawal, no job
6. Workshop refers elsewhere; i.e., another workshop or to medical services
7. Multiple results (specify)
8. Developmental center training complete, referred to workshop
9. Unknown - uncertain

A18. EDUCATION

0. No education
1. Institutionalized
2. Attended special school or classes for learning disabilities for educational handicaps
3. Public school grades 1-6
4. Public school grades 7-8
5. Public school grades 9-11
6. Public school - grad H.S. or (GED)
7. Some college
8. Other (specify)
9. Unknown - uncertain

C19. ENROLLMENT IN EDUCATION PROGRAM

0. Not available to child because of age
1. Attending/ed public school special education
2. Attending/ed private school special education
3. Attending/ed private/public regular school
4. Attending/ed Developmental Center
9. Unknown - Uncertain

A20. WORK STATUS PRIOR OT ENTERING WORKSHOP OR ACTIVITY CENTER

- | | |
|---|------------------------|
| 0. Not employed | 5. Employed - private |
| 1. Housewife | 8. Other (specify) |
| 2. Student | 9. Unknown - uncertain |
| 3. Retired | |
| 4. Work in sheltered workshop, home institution | |

21. IF PREVIOUSLY EMPLOYED LAST TWO YEARS REASON FOR MOST IMMEDIATE TERMINATION GIVEN BY EMPLOYEE

- | | |
|---|----------------------------|
| 0. Individual not employed last 2 years | 5. Work too difficult |
| 1. Did not like job | 6. Transportation problems |
| 2. Unfair treatment | 7. Moved - employee |
| 3. Job completed or seasonal | 8. Other - specify |
| 4. Social emotional adjustment problem | 9. Unknown - uncertain |

A22. IF PREVIOUSLY EMPLOYED LAST TWO YEARS REASON FOR MOST IMMEDIATE TERMINATION GIVEN BY EMPLOYER

0. Individual not employed
1. Personality conflict/social adjustment problem
2. Inadequate production
3. Job completed
4. Absenteeism/tardiness
5. Inappropriate behavior
6. Company closed-budget gone
8. Other (specify)
9. Unknown - uncertain

ANSWER NEXT 5 QUESTIONS USING LATEST DVR CLIENT PROGRESS REPORT

A23. LAST REPORTED PRODUCTIVITY RATING

- | | |
|------------------|------------------------|
| 0. No DVR Client | 3. 50-65% |
| 1. 0-25% | 4. 65-100% |
| 2. 25-50% | 9. Unknown - uncertain |

A24. BEHAVIOR IN INTERPERSONAL SITUATIONS

0. Not DVR client
1. Major problem area - 0-25%
2. Occasional problem - 25-50%
3. Acceptable in community - 50-75%
4. No problem - 75-100%
9. Unknown - uncertain

A25. WORKER CHARACTERISTICS

0. Not DVR client
1. Major problem area - 0-25%
2. Occasional problem - 25-50%
3. Acceptable in community - 50-75%
4. No problem - 75-100%
9. Unknown - uncertain

A26. MANIPULATIVE SKILLS

0. Not DVR client
1. Major problem area - 0-25%
2. Occasional problem - 25-50%
3. Acceptable in community - 50-75%
4. No problem - 75-100%
9. Unknown - uncertain

A27. DVR CLIENT PROGRESS REPORT IS HOW MANY MONTHS OLD?

- | | |
|-------------------|------------------------|
| 0. Not DVR client | 3. 3 months |
| 1. One month | 4. More than 3 months |
| 2. Two months | 9. Unknown - uncertain |

28. MAJOR REASON FOR ADMISSION/TREATMENT (Specify type for each)(Select up to 4 reasons)

- | | |
|--------------------------|--------------------------|
| 01. Mental retardation | 13. Seizures |
| 02. Autism | 14. Spasticity |
| 03. Cerebral palsy | 15. Degenerative disease |
| 04. Visual defects | 16. High blood pressure |
| 05. Totally blind | 17. Cardiac problem |
| 06. Hearing defects | 18. Diabetes |
| 07. Totally deaf | 19. Inactive TB |
| 08. Behavior problem | 20. Ulcers |
| 09. Psychiatric disorder | 21. Accident |
| 10. Alcoholism | 22. Short-term convales |
| 11. Drug overdose | 23. Others (specify) |
| 12. Drug addiction | 24. No other alternative |
| | 99. Unknown - uncertain |

29. DIAGNOSED LEVEL OF RETARDATION

0. Not retarded
1. Borderline (IQ over 67)
2. Mildly retarded ("Educable")(IQ 52-67)
3. Moderately retarded ("Trainable")(IQ 36-51)
4. Severely retarded (IQ 20-35)
5. Profoundly retarded (IQ 19 and below)
6. General label only
7. No diagnosis in record; appears functionally retarded
9. Unknown - uncertain

30. DIAGNOSED CAUSE OF MENTAL RETARDATION

0. Cultural Familial
1. Infection or intoxication
2. Trauma or physical agent (birth or postnatal injury; hypoxia)
3. Metabolism or nutrition disorder
4. Gross brain disease (including tumors and degenerative brain disease)
5. Unknown prenatal influence (incl. cerebral malformations, cranio-facial anomalies, hydrocephalus)
6. Chromosomal abnormality (incl. Down's Syndrome)
7. Gestational disorders (incl. prematurity, postmaturity)
8. Encephalopathy, unspecified
9. Unknown - uncertain

A 31. PSYCHIATRIC DISORDERS (**Please give specific diagnosis for each category)

00. No psychiatric disorder
01. Organic brain syndrom (Disorders caused by or associated with impairment of brain tissue function) OBS
02. Psychoses not attributed to physical condition (e.g., schizophrenia, paranoia)
03. Major affective disorder (e.g., manic-depressive illness, involuntional melancholia)
04. Reaction psychoses (e.g., reactive depressive psychosis, reactive confusion)
05. Neuroses (e.g., anxiety neurosis, hysteria, obsessive-compulsive neurosis, neurasthenic neurosis, depersonalization syndrome)

Psychiatric Disorders (Cont'd)

- 06. Personality disorders (e.g., affective personality, schizoid, inadequate, antisocial)
- 07. Sexual deviations (e.g., transvestitism, pedophilia)
- 08. Alcoholism
- 09. Drug dependence
- 10. Psychophysiologic disorders (disorders of psychogenic origin)
- 11. Adjustment reaction
- 12. Behavior disorders of childhood and adolescence (e.g., hyperkinetic reaction, unsocialized aggressive reaction, runaway reaction)
- 13. Other (specify)
- 99. Unknown - uncertain

C32. DOES THIS CHILD HAVE MAJOR PSYCHIATRIC OR PSYCHOLOGICAL PROBLEM FOR WHICH TREATMENT HAS BEEN SOUGHT?

- 0. No problem
- 1. Yes, currently in treatment
- 2. Yes, not currently in treatment
- 3. Yes, not certain if in treatment
- 9. Unknown/uncertain

33. MOTOR DYSFUNCTION

<u>Type</u>	<u>Location</u>	<u>Severity</u>
0. None	1. Diplegia	1. Mild
1. Ataxia	2. Hemiplegia	2. Moderate
2. Hypotonia	3. Monoplegia	3. Severe
3. Choreoathetosis	4. Paraplegia	9. Unknown - uncertain
4. Dystonia	5. Quadriplegia	
5. Rigidity	6. Triplegia	
6. Tremors	9. Unknown - uncertain	
7. Spasticity		
8. Other, Mixed		
9. Unknown - uncertain		

34. IMPAIRMENT OF SPECIAL SENSES (medical diagnosis)

- 0. No sensory impairment
- 1. Deaf
- 2. Hearing handicapped
- 3. Blind
- 4. Visually handicapped
- 5. Deaf-blind
- 6. Blind and hearing handicapped
- 7. Deaf and visually handicapped
- 8. Hearing and visually handicapped
- 9. Unknown/uncertain

35. CONVULSIVE DISORDERS

- 0. No convulsive disorder
- 1. Akinetic seizures
- 2. Autonomic seizures
- 3. Focal seizures
- 4. Major motor seizures
- 5. Myoclonic seizures
- 6. Petit mal seizures
- 7. Psychomotor seizures
- 8. Other, mixed, unclassifiable (specify)
- 9. Unknown - uncertain

C36. IS INDIVIDUAL SPONSORED BY SP

- 0. No
- 1. Yes
- 9. Unknown - uncertain

37. RESEARCH ANALYST RESPONSIBLE

- | | |
|---------------|-------------|
| 01. Sharon | 07. Don |
| 02. Judy | 08. Idamay |
| 03. Chris | 09. Renee |
| 04. Milt | 10. Shelley |
| 05. Mary | 11. Susanne |
| 06. Frederica | |

38. INDIVIDUAL RESPONDING TO STAFF QUESTIONNAIRE

1. Administrator
2. Professional staff member
3. Non-professional staff member
4. Job supervisor
5. Data was obtained by research analyst from record
8. Other (specify)
9. Not available

39. VISION (with glasses if person wears them)

0. No difficulty seeing
1. Some difficulty (but no special programming needed)
2. Great difficulty (legally, but not totally blind; needs special programming)
3. No usable vision
9. Unknown - uncertain

40. HEARING (with a hearing aid if person wears one)

0. No difficulty hearing
1. Some difficulty (no special programming needed)
2. Great difficulty (programming needed)
3. No usable hearing
9. Unknown - uncertain

41. AMBULATION (ability to walk)

0. No difficulty walking
1. Limp or walks unsteadily (may use cane)
2. Walks only when assisted (may use walker)
3. Unable to walk (may crawl, scoot, or use wheelchair)
4. Unable to walk or crawl
9. Unknown - uncertain

42. WHEELCHAIR TRANSFER SKILLS

0. Does not use a wheelchair
1. Needs no help transferring to or from wheelchair
2. Needs some help transferring
3. Total assistance required
9. Unknown or uncertain

43. WHEELCHAIR MOBILITY SKILLS

0. Does not use a wheelchair
1. Uses a wheelchair with complete independence
2. Is partially independent but needs some help or training
3. Has no skills, totally dependent
9. Unknown or uncertain

44. ARM-HAND USE

- 0. Has full use of both hands and arms
- 1. Requires some help, but can manage fairly well
- 2. Requires much help (special programming or prosthetic devices needed)
- 3. Has no arm-hand use
- 9. Unknown or uncertain

SELF-MANAGEMENT SKILLS (Please check appropriate lines)

NOTE: "AGE APPROPRIATE" IS MEANT TO INDICATE THAT THE INDIVIDUAL'S PROGRESS IS OCNSISTENT WITH WHAT YOU WOULD EXPECT FOR THE GENERAL POPULATION AT HIS/HER AGE.

	Age Appropriate or Independent	Lags behind Children this age; needs assistance	Severely Delayed No skills-No Re- sponse to training	Training Not planned or appropriate
	(0)	(1)	(2)	(3)
45. TOILETING	_____	_____	_____	_____
46. EATING	_____	_____	_____	_____
47. DRESSING	_____	_____	_____	_____

48. DOES THIS INDIVIDUAL HAVE PROBLEMS WITH PERSONAL HYGIENE OR GROOMING?

(Yes Problems, Mark how often)

	No (0)	Daily (1)	Weekly (2)	Monthly (3)
_____	_____	_____	_____	_____

49. SEIZURES

- 0. No history of seizures, and none observed
- 1. History of seizures, but none observed in the last two years
- 2. Seizures observed in the last 2 years, but now controlled 100% by medication
- 3. Seizures observed in the last 2 years, but still not controlled 100% by medication
- 9. Unknown or uncertain

50. FREQUENCY OF SEIZURES

- 0. No history of seizures
- 1. Daily
- 2. Weekly
- 3. Monthly
- 4. Less than once a month
- 5. No seizures in last six months
- 6. No seizures in last year
- 7. No seizures in the last two years
- 9. Unknown or uncertain

51. SEVERITY OF SEIZURES

- 0. No history of seizures
- 1. Seizures are controlled 100% by medication
- 2. Seizures are mild, and do not endanger the individual's life without careful monitoring
- 3. Seizures are serious, and might endanger the individual's life without careful monitoring
- 9. Unknown or uncertain

52. SPASTICITY

0. Not spastic
1. Mildly spastic - activities and abilities are not limited
2. Moderately spastic - needs some assistance with certain tasks due to muscular spasticity
3. Severely spastic - needs assistance with most tasks due to muscular spasticity
9. Unknown or uncertain

53. SUPERVISION OF MEDICATIONS

0. Individual has no need for medication
1. Individual takes own medication
2. Individual takes own medication if reminded
3. Individual needs help in taking medications
9. Unknown or uncertain

54. INITIATIVE

0. Initiates most of his own activities
1. Asks if there is an activity for him to do
2. Sits all day if not directed to an activity
3. Will not do any assigned activities
9. Unknown or uncertain

A55. PARTICIPATION IN GROUP ACTIVITIES

0. Initiates group activities (leader and organizer)
1. Participates in group activities spontaneously and eagerly (active participant)
2. Participates in group activities if encouraged to do so (passive participant)
3. Does not participate in group activities (an isolate)
9. Unknown or uncertain

56. SOCIAL INTERACTION

0. Interacts frequently
1. Interacts with others, but very little
2. Is completely unresponsive to others
9. Unknown or uncertain

57. APPROPRIATENESS OF INTERACTION

0. Usually behaves in an appropriate manner with others
1. Generally behaves appropriately, but sometimes is insensitive or inconsiderate
2. Frequently behaves inappropriately
3. Almost always behaves inappropriately in an interpersonal situation
9. Unknown or uncertain

A58. RESPONSIBILITY

0. Very conscientious and assumes much responsibility
1. Usually dependable - makes an effort to carry out responsibility
2. Unreliable - makes little effort to carry out responsibility
3. Not given responsibility - unable to carry out responsibility at all
9. Unknown or uncertain

59. COMMUNICATION SKILLS

0. Uses complex verbal concepts
1. Uses simple sentences (2-3 words)
2. Uses a few words only
3. Communicates in sounds and/or speech
4. Does not communicate any information
9. Unknown or uncertain

60. UNDERSTANDABILITY OF SPEECH

0. Understandable by stranger
1. Somewhat difficult to understand
2. Hard to understand
3. No effective speech, but jabbers
4. Makes no sounds
9. Unknown or uncertain

61. ABILITY TO UNDERSTAND OTHERS

0. Understands complex verbal sentences
1. Understands simple verbal sentences
2. Understands simple phrases, words
3. Responds to gestures and/or signs
4. Does not respond to verbal or gestural communication
9. Unknown or uncertain

62. READING SKILLS

0. Can read books or magazines
1. Can read to the level of recognizing practical words or signs or better
2. Only recognizes some trademarks or signs
3. Does not recognize any signs or symbols
9. Unknown or uncertain

63. WRITING SKILLS

0. Can write sentences
1. Can write or print own name and a few words or better
2. Only prints or writes letters of the alphabet, but no words
3. Cannot print or write any letters of the alphabet
4. Unknown or uncertain

64. NUMBER CONCEPT

- 0. Can add and subtract numbers
- 1. Handles "number situations" up to 4 or better
- 2. Discriminates between "one" and "many"
- 3. Has no understanding of numbers
- 9. Unknown or uncertain

65. MONEY HANDLING

- 0. Independently uses money - can go on shopping errands
- 1. Can use money, but cannot make change correct
- 2. Realizes money has value, but does not use money
- 3. Has no idea of the value of money
- 9. Unknown or uncertain or not applicable

66. TIME CONCEPT

- 0. Can tell time by the clock correctly
- 1. Discriminates between day and night
- 2. Has no concept of time
- 9. Unknown or uncertain

DOES THIS INDIVIDUAL:

	<u>No</u> (0)	<u>Yes</u> (1)	<u>Uncertain</u> <u>Unknown</u> (2)
A67. USE PUBLIC TRANSPORTATION ON HIS/HER OWN?	_____	_____	_____
A68. HAVE A DRIVER'S LICENSE?	_____	_____	_____
A69. PARTICIPATE IN ORGANIZED SOCIAL ACTIVITIES IN THE COMMUNITY?	_____	_____	_____
A70. HAVE FRIENDS WITHIN THE WORKSHOP OR DEVELOPMENTAL CENTER?	_____	_____	_____
A71. HAVE FRIENDS OUTSIDE HIS HOME OR THIS FACILITY?	_____	_____	_____
A72. RESIDE WITH OTHER PEOPLE WHO ARE IN THE WORKSHOP OR DEVELOPMENTAL CENTER?	_____	_____	_____

A73. SENSE OF DIRECTION

- 0. Can leave the facility grounds without getting lost
- 1. Can go around the facility or vicinity without getting lost
- 2. Can go around inside the facility alone
- 3. Gets lost whenever leaves own room or area
- 4. Never leaves own area
- 9. Unknown or uncertain - Not applicable

A74. HAS THIS RESIDENT HAS PROBLEMS WHICH INVOLVED THE POLICE WHILE ATTENDING THIS FACILITY? (Please give specifics) _____

Police Problems While Attending the Facility (Cont'd)

- 0. No problems
- 1. Yes, but no charges were filed
- 2. Yes, and charges were filed by found innocent
- 3. Yes, and charges were filed and found guilty
- 4. Yes, other (please explain)
- 9. Unknown or uncertain

C75. CHILD IS ATTENTIVE AND RESPONSIVE?

- 0. Frequently
- 1. Sometimes
- 2. Seldom
- 9. Unknown or uncertain

C76. CHILD PLAYS WELL WITH PEERS

- 0. Frequently
- 1. Sometimes
- 2. Seldom
- 9. Unknown or uncertain

C77. GENERALLY, DOES THE CHILD SHOW PROGRESS
IN DAILY LIVING AND SOCIAL SKILLS?

- 0. Very much progress in past year
- 1. Moderate progress in past year
- 2. Little progress in past year
- 9. Unknown or uncertain

C78. IF CHILD IS FOUR YEARS OR OLDER, IS
HE/SHE SCHEDULED TO ATTEND PUBLIC SCHOOL
IN HIS/HER SCHOOL DISTRICT?

- 0. Regular classes
 - 1. Special Education Class
 - 2. No
 - 3. Not applicable
 - 9. Unknown/uncertain
- If not, please explain why not _____
- _____

C79. HAS THE CHILD RECENTLY HAD FORMAL EVALUATION
IN A CLINIC?

- 0. No
- 1. Yes
- 9. Unknown/Uncertain

C80. ARE THERE ANY MAJOR PROBLEMS CONCERNING
RESIDENTIAL/FAMILY ASPECTS OF THIS CHILD'S LIFE?

- 0. No
 - 1. Yes
 - 9. Unknown/Uncertain
- If so, explain: _____
- _____

MAJOR BEHAVIOR PROBLEMS

Please mark the following behaviors as a problem only if the behavior definitely interferes with the client's daily life in a Major way.

		<u>If it is a problem, how often does it occur?</u>				
		<u>No</u>	<u>Less than</u>	<u>Monthly</u>	<u>Weekly</u>	<u>Daily</u>
		<u>(0)</u>	<u>Monthly</u>	<u>Monthly</u>	<u>Weekly</u>	<u>Daily</u>
		<u>(0)</u>	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>
81.	<u>VERY AGGRESSIVE</u> <u>TOWARDS OTHERS</u>	—	—	—	—	—
82.	<u>PHYSICAL SELF-ABUSE</u> <u>OR SELF DESTRUCTIVE</u>	—	—	—	—	—
83.	<u>DESTROYS PROPERTY</u> <u>OR OBJECTS</u>	—	—	—	—	—
84.	<u>SEVERE HYPERACTIVITY</u> (Constant talking and/or in motion)	—	—	—	—	—
85.	<u>WITHDRAWN</u> (Apathetic to the extent that seems unaware of surroundings)	—	—	—	—	—
86.	<u>REPETITIVE ABNORMAL OR</u> <u>UNUSUAL BEHAVIORS</u> (Stereo- typed non-adaptive be- haviors, such as bodyrocking)	—	—	—	—	—
87.	<u>SOCIALLY UNACCEPTABLE BE-</u> <u>HAVIOR</u> (such as frequent undressing or constant masturbation)	—	—	—	—	—
88.	<u>STEALING</u>	—	—	—	—	—
89.	<u>OTHER SOCIALLY UNACCEP-</u> <u>TABLE BEHAVIOR</u> (Please specify)	—	—	—	—	—
90.	<u>WANDERS</u>	—	—	—	—	—
91.	<u>TEMPER TANTRUMS</u>	—	—	—	—	—
92.	<u>SEXUALLY MOLESTS OTHERS</u>	—	—	—	—	—
93.	<u>OTHER</u> (Please specify)	—	—	—	—	—

A94. COMPLEXITY OF TASK TRAINEE CAN COMPLETE

- 0. Very complex task (many different skills in a sequence)
- 1. Moderately complex task
- 2. Simple task only (one or two elements)
- 9. Unknown or uncertain

A95. SPEED WITH WHICH TRAINEE COMPLETES TASK

- 0. Very quickly compared to other trainees
- 1. Average speed compared to other trainees
- 2. Very slowly compared to other trainees
- 9. Unknown or uncertain

A96. ACCURACY IN COMPLETING TASK

- 0. Seldom makes mistakes after learning task
- 1. Makes a moderate number of mistakes
- 2. Makes many mistakes
- 9. Unknown or uncertain

A97. CONSISTENCY IN PERFORMANCE

- 0. Generally performs at stable level
- 1. Is very variable, unpredictable
- 9. Unknown or uncertain

A98. MOTIVATION

- 0. Is highly motivated to learn and work
- 1. Wants to learn and work, but has problems applying himself
- 2. Does not appear motivated to learn and work
- 9. Unknown or uncertain

A99. ABILITY TO ACCEPT SUPERVISION AND CRITICISM

- 0. Willingly accepts supervision of work
- 1. Has some difficulty accepting supervision
- 2. Has serious problems accepting supervision or criticism of work
- 9. Unknown or uncertain

A100. JUDGMENT AND PROBLEM SOLVING ABILITY

- 0. Has very good judgment and problem solving ability
- 1. Has moderate level of judgment and problem solving ability
- 2. Has very poor judgment and problem solving ability
- 9. Unknown or uncertain

A101. TOLERANCE

- 0. Individual tolerates changes or obstacles well
- 1. Individual sometimes has problems coping with changes or obstacles
- 2. Individual frequently has problems coping with changes or obstacles - he is not adaptable
- 9. Unknown or uncertain

A102. ATTENDANCE

- 0. Individual attends regularly
- 1. Individual frequently absent
- 9. Unknown or uncertain

A103. AS AN OVERALL, SUBJECTIVE RATING OF THIS CLIENT, DO YOU FEEL THAT:

- 0. He/she is almost ready for competitive employment?
- 1. He/she will be ready with more training, is making steady progress?
- 2. He/she is unlikely to achieve a level of performance needed for competitive placement?
- 9. Unknown or uncertain

If unlikely to achieve a level of performance needed for competitive placement please list barriers:

PLEASE LIST BELOW ALL PROGRAMS THIS RESIDENT ATTENDS RELATING TO:

<u>WORK/ASSESSMENT/VO-CATIONAL TRAINING:</u>		<u>Attends Daily</u>	<u>4 days/ week</u>	<u>3 days/ week</u>	<u>2 days/ week</u>	<u>1 day/ week</u>	<u>Hours per day in program</u>
104.	_____	105.	_____	_____	_____	_____	_____
106.	_____	107.	_____	_____	_____	_____	_____
108.	_____	109.	_____	_____	_____	_____	_____

EDUCATIONAL PROGRAMS:

110.	_____	111.	_____	_____	_____	_____	_____
112.	_____	113.	_____	_____	_____	_____	_____
114.	_____	115.	_____	_____	_____	_____	_____

FAMILY COUNSELLING, PSYCHIATRIC OR MEDICAL SERVICES: (Include drug or alcohol counselling; marriage or sex counselling; dental care; and speech, physical or occupational therapy)

116.	_____	117.	_____	_____	_____	_____	_____
118.	_____	119.	_____	_____	_____	_____	_____
120.	_____	121.	_____	_____	_____	_____	_____
122.	_____	123.	_____	_____	_____	_____	_____

RECREATION:

124.	_____	125.	_____	_____	_____	_____	_____
126.	_____	127.	_____	_____	_____	_____	_____
128.	_____	129.	_____	_____	_____	_____	_____

	<u>Attends</u>	<u>4 days/</u>	<u>3 days/</u>	<u>2 days/</u>	<u>1 day/</u>	<u>Hours per day</u>
	<u>Daily</u>	<u>week</u>	<u>week</u>	<u>week</u>	<u>week</u>	<u>in program</u>

HOME TRAINING AND CARE SERVICES:

130.	_____	131.	_____	_____	_____	_____	_____
132.	_____	133.	_____	_____	_____	_____	_____

OTHER PROGRAM OR SERVICES:

134.	_____	135.	_____	_____	_____	_____	_____
136.	_____	137.	_____	_____	_____	_____	_____

APPENDIX C

FACILITIES WHICH ARE CONSIDERED JOINT BY
AUTHORS FOR POPULATION FIGURES IN TABLE 1

- 1 Custom Industries
- 2 Diversified Industries
- 3 Industrial Skills and Vadis
- 4 Jessie Webb
- 5 Lillie Rice
- 6 Morningside
- 7 New Leaf, Inc. - and New Leaf Developmental Center
- 8 North Central Supervised Skills
- 9 Olympic Peninsula Enterprises
- 10 People's Janitorial (Division of Peninsula Lodge)
- 11 Prevocational
- 12 Randy Carter Industrial Workshop
- 13 Seattle Handicapped Center
- 14 Sho-Craft
- 15 Special Industries and Shoreline (Northwest Center for the Retarded)
- 16 South King County Activity Center
- 17 Snohomish County Center for the Handicapped (Marvel Industries)
- 18 United Cerebral Palsy Benton Franklin
- 19 UCP King-Snohomish
- 20 UCP Pierce
- 21 Victoria Village
- 22 Whatcom Association of Training Centers
- 23 Work Opportunity
(Supervised Occupational Enterprises) Closed

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- Nie, N.H.; Hull, C.H.; Jenkins, J.G.; Steinbrenner, K.; Bent, D.H. Statistical package for the social sciences, Second edition. N.Y.: McGraw-Hill, 1975.

