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ABSTRACT

Presented are demographic data for handicapped children in the Philadelphia area who might be eligible for federally funded (Title XX) day care services. The report consists of data tables and narrative sections for the following information: estimated number of handicapped children within catchment areas (CA's); estimated median income level of CA's in relation to Title XX income eligibility; identification of Title XX specialized centers in relation to CA's; and a list of day care centers (including their capacity, payment status for services, and type of program by auspice) for each CA. The final section provides two examples of ways in which the data may be used for planning purposes. (CL)

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DEMOGRAPHIC DATA
FOR
SPECIAL NEEDS CHILDREN
IN
TITLE XX DAY CARE

U.S. DEPARTMENT OF HEALTH,
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This is the fifth of a series of reports providing comprehensive demographic information for Title XX Day Care planning. The first report presented median income comparison data for census tracts within the City of Philadelphia (data tables 1, 1-A through 1-L, and 2, 2-A through 2-L). The second report was entitled "Racial Composition of the Planning Analysis Sections and Census Tracts within the City of Philadelphia" (data tables 3, 3-A through 3-L). This was followed by the third report, "Day Care Centers in the City of Philadelphia and their Related Tract and Block Numbers, Capacity, Payment Status, Type, and Auspice" (data tables 4, 4-A through 5-L). The fourth report (data tables 5, 5-A through 5-L) focused on the child and adult population in the planning analysis sections and census tracts within Philadelphia. This present report concentrates on demographic data for special needs children in Title XX Day Care (data tables 6, 6-1 through 6-7C, 7, 8A, 8B, 9, 9-1 through 9-7C, 10, 11, 11-1 through 11-7C, 12, 13, and figures 1-16).

DEMOGRAPHIC DATA
FOR
SPECIAL NEEDS CHILDREN IN TITLE XX DAY CARE

Title XX Day Care is designed to provide care to children for a portion of the day in special home or center settings. Day Care is provided when the child's parents or responsible relatives are unable to care for the child due to employment requirements or participation in a service plan of a social agency. It is also designed to provide care to children with special handicaps, to be able to contribute toward the child's development and self-sufficiency and, in some cases, to prevent abuse, neglect or institutionalization.¹

This report focuses on local demographic data related to children with special handicaps. The Department of Public Welfare has defined children with special handicaps as those having "... a severe mental disability, severe developmental disability (mental retardation, cerebral palsy, epilepsy or other neurologically-based condition), or severe, physically crippling disability (including blindness and deafness). The disability must be documented, in writing, by a competent medical authority prior to a determination of eligibility."²

The purposes of this report are to estimate the number of children with special handicaps in the Philadelphia area and to identify target or priority catchment areas based on Title XX income eligibility levels.

These data are needed for planning and for evaluating the levels of services to children with special handicaps. The report graphically displays the geographical boundaries of Title XX day care specialized centers and identifies all Title XX and known proprietary day care center locations by catchment areas. It also develops two examples of how these data may be used to answer questions such as, "What is the ratio of children with special needs to the number of specialized day care slots in each Catchment Area?"

Recent provisions for mental health and mental retardation services are an outcome of two major Acts. The Federal Community Mental Health Center Act of 1963 authorized the development of one community mental health center to serve each group of 75,000 to 200,000 persons. This group of persons or community is called a "catchment area" (CA). The State Mental Health and Mental Retardation Act of 1966 made it possible for each CA to have a Base Service Unit (BSU) which provides intake and evaluation, referral, monitoring, and record keeping services. The BSU may be associated with a community mental health and mental retardation center which ordinarily, especially if the center receives funds from the Federal Government, provides five basic services: inpatient care, outpatient care, partial hospitalization, emergency services, and consultation and education services. In 1968 the Philadelphia Office of Mental Health and Mental Retardation began coordinating the mental health and mental retardation facilities. The City has been divided into 13 CA's and each CA has a BSU located within its boundaries. Ten community mental health

centers are available to serve one (or more than one) CA.³ Figure 1 shows the 13 CA's for the City and identifies the BSU in each CA. All data in this report focus on some aspect of the relationship between CA's and the local population of special needs children.

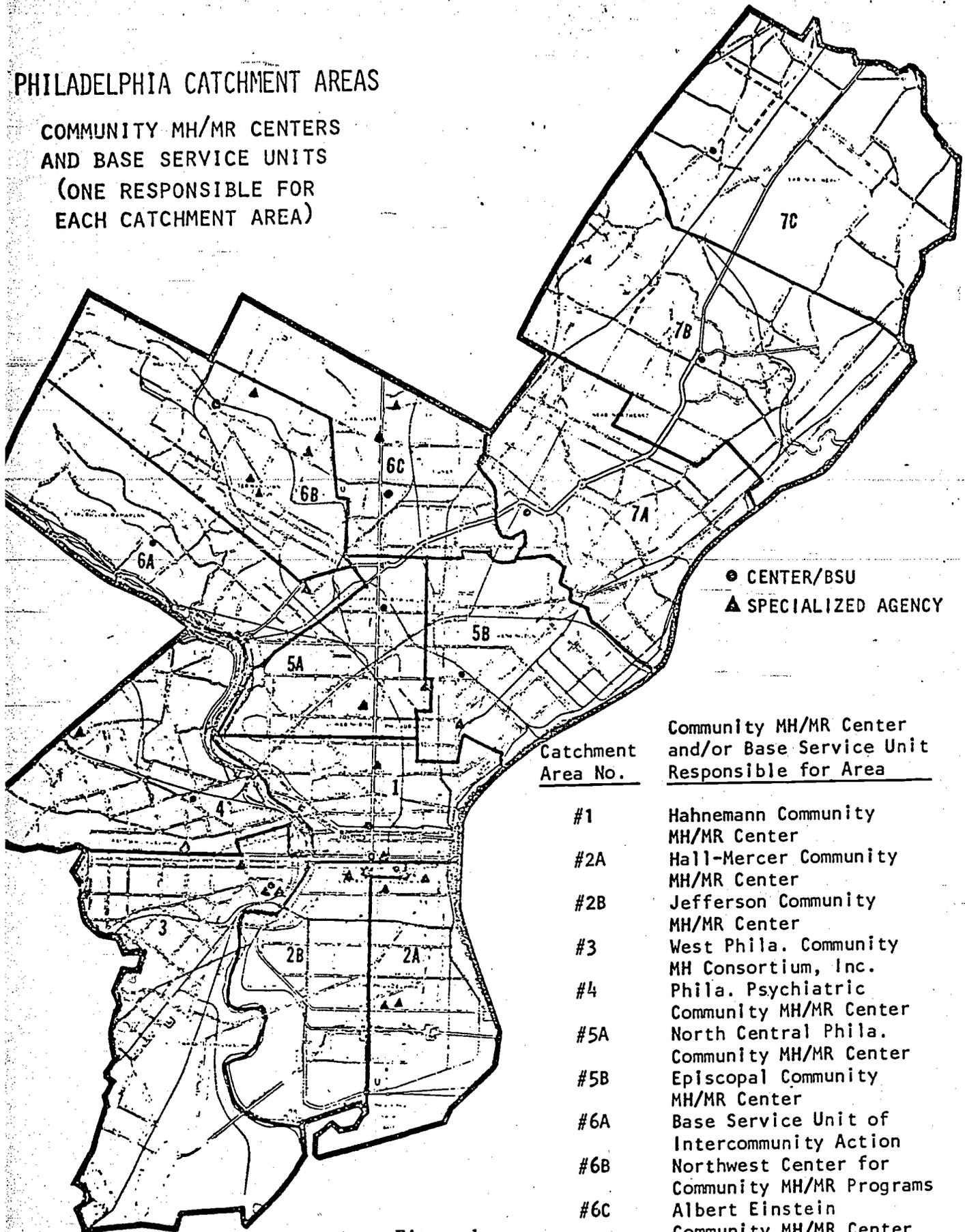
The report consists of four sections which provide basic data tables and a final section which provides examples of how the data may be used for planning purposes. The sections are as follows:

- I. The estimated number of children with special needs within CA's.
- II. The estimated median income level of CA's in relation to Title XX income eligibility.
- III. Identification of Title XX specialized centers in relation to CA's.
- IV. A list of Day Care centers (including their capacities, payment status for services, and type of program by auspice) for each CA.
- V. Two examples of how the data could be used for planning or evaluation:
 - (a) To estimate the ratio of children to special needs day care slot within each CA.
 - (b) To estimate the distribution across CA's of children within a specified handicap (e.g., visually handicapped) who presently attend a special center.

In each section there is a brief statement of its purpose, definitions of terms, and an explanation of the organization of the tables, the sources of data, and whatever special computations were necessary.

PHILADELPHIA CATCHMENT AREAS

COMMUNITY MH/MR CENTERS
AND BASE SERVICE UNITS
(ONE RESPONSIBLE FOR
EACH CATCHMENT AREA)



⊙ CENTER/BSU
▲ SPECIALIZED AGENCY

Catchment Area No. Community MH/MR Center and/or Base Service Unit Responsible for Area

- #1 Hahnemann Community MH/MR Center
- #2A Hall-Mercer Community MH/MR Center
- #2B Jefferson Community MH/MR Center
- #3 West Phila. Community MH Consortium, Inc.
- #4 Phila. Psychiatric Community MH/MR Center
- #5A North Central Phila. Community MH/MR Center
- #5B Episcopal Community MH/MR Center
- #6A Base Service Unit of Intercommunity Action
- #6B Northwest Center for Community MH/MR Programs
- #6C Albert Einstein Community MH/MR Center
- #7A Northeast Community MH/MR Center
- #7B PATH, Inc. Base Service Unit
- #7C Benjamin Rush Center for MH/MR Base Service Unit

Figure 1

References

1. Pennsylvania Bulletin, Volume 6 (March 19, 1976), 514.
2. Social Services Memorandum # 50-75 (Section 3-1-25), Commonwealth of Pennsylvania, Department of Public Welfare, Harrisburg, November 1, 1975.
3. Service Directory, Office of Mental Health and Mental Retardation, Philadelphia, July, 1975.

Section I. Estimated Number of Children With Special Needs By
Catchment Areas and for the City of Philadelphia

The following tables contain the estimated numbers of children with "special conditions" for each of the 13 Catchment Areas (CA) and the City of Philadelphia. The CA's are rank ordered (from highest to lowest) based on the number of low income children with special conditions. The CA's are also rank ordered into four (arbitrary) groups yielding an alternative priority statement of CA's most in need of special services.

Tables 6-1 to 6-7C present the estimated number of children with special conditions for each CA. The numbers (e.g., -1) and the -letter combinations (e.g., -2A) after the table number "6" correspond to the 13 CA numbers assigned by the Philadelphia Office of Mental Health and Mental Retardation. Table 6 is the summary of Tables 6-1 to 6-7C which shows the estimated figures for the City of Philadelphia.

At the top of each table, the total number of children from Birth -17 and the number and percentage of low income children for each CA are given. The procedure used to calculate the percentage of low income children for each CA (among these initial figures in the table) was as follows:

- Step 1. Census tracts comprising each CA were identified and grouped.
- Step 2. The total number of children from Birth - 17 were summed for each census tract comprising the CA.
- Step 3. The total number of low income children from Birth -17 were summed for each census tract comprising the CA.

Step 4. The total number of low income children in the CA was divided by the total number of children in the CA.

Step 5. The quotient from Step 4 was expressed as a percentage to represent the portion of poor children per CA.

Example: Given Catchment Area # 1
 Total population of children = 42812
 Total number of Low Income Children = 19324

Formula:

$$\frac{\text{Number of Low Income Children}}{\text{Total number of children}} = \text{Percent Low Income Children}$$

$$19324/42812 = 45.1\%$$

The following paragraphs refer to the method employed in calculating entries for the body of each table in the 6, 6-1 to 6-7C series.

There were nine categories of special conditions identified by the Bureau of Education for the Handicapped. The incidence rates for each category were provided for the school-age population (ages 5-19) and for children under age 5. The incidence rates for children under 5 was one-half that given for school-age children. These percentage rates are as follow:¹

Category	Incidence Rates	
	Children Ages Birth - 4	Children Ages 5-19
Speech Impaired	1.75	3.50
Emotionally Disturbed	1.00	2.00
Mentally Retarded	1.15	2.30
Learning Disabled	.50	1.00
Hard of Hearing	.25	.50
Deaf	.0375	.075
Crippled & Other Health Impairment	.25	.50
Visually Handicapped	.05	.10
Multihandicapped	.03	.06
Total	5.0175	10.035

Because there are two incidence rates, data are displayed for each group (Birth - 4 and 5-17) and the sum of the groups (Birth - 17). Under each age group, children are sub-grouped into "All Children" (children in need of services regardless of family income) and "Estimated Number of Low Income Children" (children in need of services and defined as low income children in the Census).

The procedures used to derive the number of "All Children" and "Estimated Number of Low Income Children" were as follows:

All Children from Birth - 4 and 5 - 17

- Step 1. Census tracts composing each CA were identified and grouped.
- Step 2. The number of children from Birth - 4 and 5 - 17 were summed separately for each census tract.
- Step 3. The census tract totals from Step 2 composing each CA were summed.

The sum total of the census tracts comprising the CA was the number of children from Birth - 4 and 5 - 17 for the CA.

Low Income Children from Birth - 4 and 5-17

Total number of children for each CA from the above calculations (Step 3) was used to calculate the number of low income children for each CA.

- Step 1. The number of all children of an age group was multiplied by the percent of low income children in the CA.
- Step 2. The product was rounded off to the nearest 5.

Example: Given: 1 = Catchment Area # 1
A = Number of children from Birth - 4 (12,787)
LC = Percentage of low income children in CA #1
(45.1%)

Formula: $A \times LC_1 = X$
 $(12787) \times (.451) = 5766.94$ or 5765

Children from - 17

- Step 1. Figures under column heading "All Children" for age groups Birth - 4 and 5-17 were summed to derive "All Children" for Birth - 17.
- Step 2. Figures under column heading "Estimated Number of Low Income Children" for age groups Birth - 4 and 5-17 were summed to derive the figure for "Estimated Number of Low Income Children" for Birth - 17.

The figures for each special condition under the age groups for Table 6-1 to 6-7C were calculated in the following manner. The number of children with each special condition under "All Children" for Birth - 4 and 5-17 were multiplied by the percentage rate for each special condition appropriate to each age group and then rounded off to the nearest 5. To determine the number of "Low Income" Children with Special Conditions for age groups Birth - 4 and 5-17, the product of each special condition of the above calculation was multiplied by the percent of low income children in the CA.

Finally the figure for "All Children" (special conditions) Birth - 17 was derived from summing the figures in columns "All Children" for the Birth - 4 and 5-17 groups with special conditions. Similarly, the figure for "Estimated Number of Low Income Children" (special conditions) Birth-17 was derived from adding the figures in columns "Estimated Number of Low Income Children" under Birth-4 and 5-17 with special conditions.

Table 6 shows the number of children with special conditions for the City of Philadelphia. For each condition under each age grouping, the figure was obtained by summing all the figures of the 13 CA's (Tables 6-1 to 6-7C). The total number of children with all special conditions by age group for the City was calculated by summing the nine categories under each group.

In order to ascertain the CA most in need of services, the CA's were rank ordered (from highest to lowest number) based on the number of children with special conditions residing in the CA. Table 7 shows CA #5 with the largest number of low income children with special needs and CA #7C with the least number of low income children with special conditions.

Table 8-A is also a rank order of CA's for children from Birth -17. The purpose of the table is to show another feasible method of identifying CA's most in need of attention. By arbitrarily grouping CA's using units of 500 children, four relative priority groups were established. Group I shows the CA's most in need of attention while Group IV shows of CA's least in need of attention. From this table, CA #5A and 1 are CA's most in need of services, and CA's 6A, 6B, 6C, 7A, 7B, and 7C are CA's least in need of services.

Since the grouping is arbitrary, a similar grouping with different boundaries could be determined as needed. For example, if only two relative priority groups were desired, Group I and II would be the primary

group and Group III and IV secondary. In this case, CA #4 would be included with CA's 5A and 1. It then suggests that these three CA's are most in need of attention based on the largest number of low income children with special conditions residing within the CA's.

Table 8-A is graphically presented in Figure 2. Colors are used to designate the relative priority levels. Orange is used to designate relative priority Group I, green is used for Group II, blue is used for Group III, and red is used for Group IV.

A further refinement of rank order is presented for age groups Birth-4 and 5-17 in Table 8-B. Figure 3 is the graphic presentation of Table 8-B. For age group Birth-4, the dotted line was drawn for groups of 100 children instead of 500 children because of the smaller "N," but was maintained for age group 5-17. For both groups, the CA's were found in the same relative priority grouping. Comparing Figure 3 with Figure 2, CA 1 and 4 shifts into another group. This is a result of using arbitrary units of 500 and 100 to delineate the groups.

In conclusion, there are approximately 52,120 children from Birth - 17 with special conditions in the City. Of these children, 10,145 are low income children and possibly entitled to Title XX Specialized Day Care. The rank order of the CA's by relative priority groups indicates that CA's # 5A, 1, and 4 (Groups I and II) may be considered the CA's most in need of specialized day care as these three CA's also compose 52% of the number of low income children with special conditions.

References

1. "BEH provides handicapped incidence figures," Insight Newsletter, Council for Exceptional Children Government Report, Reston, Virginia, (April, 1973), 7.
2. 1970 Census of Population and Housing, Census Tracts, Philadelphia, Penna. - N. J., SMSA, Washington, D.C.: Government Printing Office, May, 1972.

TABLE 6

City of Philadelphia

Population of Children including CVR = 607266
 Low Income Children = 118742
 Percent Low Income Children = 19.6%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth-17 Years	
	All Children N = 175551	Estimated Low Income Children N = 28450	All Children N=431712	Estimated Low Income Children N = 34215	All Children N=607263	Estimated Low Income Children N = 118555
Deaf	3065	600	15105	2955	18170	3555
Emotionally Disturbed	1760	345	8635	1680	10395	2025
Intellectually Retarded	2025	390	9935	1950	11960	2340
Learning Disabled	880	165	4325	845	5205	1010
Speech Impaired	430	90	2145	420	2575	510
Gifted	70	5	335	55	405	60
Physically Handicapped & Other Health Impaired	430	90	2145	420	2575	510
Visually Handicapped	80	10	435	80	520	90
Multihandicapped	60	0	260	45	315	45
TOTAL	8800	1695	43320	8450	52120	10145

TABLE 6-1
CATCHMENT AREA #1

Hahnemann Community MH/MR Center

Population of Children = 42812
Low Income Children = 19324
Percent LI Children = 45.1%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N=12787	Estimated Low Income Children N= 5765	All Children N= 30025	Estimated Low Income Children N= 13540	All Children N= 42812	Estimated Low Income Children N= 19305
Speech Impaired	225	100	1050	475	1275	575
Emotionally Disturbed	130	60	600	270	730	330
Mentally Retarded	150	65	690	310	840	375
Learning Disabled	65	30	300	135	365	165
Hard of Hearing	30	15	150	70	180	85
Deaf	5	0	25	10	30	10
Crippled & Other Health Impaired	30	15	150	70	180	85
Visually Handicapped	5	5	30	15	35	20
Multihandicapped	5	0	20	10	25	10
TOTAL	645	290	3015	1365	3660	1655

TABLE 6-2A
CATCHMENT AREA #2A

Hall-Mercer Community MH/MR Center

Population of Children = 33333
Low Income Children = 7079
Percent LI Children = 21.2%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N= 9889	Estimated Low Income Children N= 2095	All Children N= 23444	Estimated Low Income Children N= 4970	All Children N= 33333	Estimated Low Income Children N= 7065
Speech Impaired	175	35	820	175	995	210
Emotionally Disturbed	100	20	470	100	570	120
Mentally Retarded	115	25	540	115	655	140
Learning Disabled	50	10	235	50	285	60
Hard of Hearing	25	5	115	25	140	30
Deaf	5	0	20	5	25	5
Crippled & Other Health Impaired	25	5	115	25	140	30
Visually Handicapped	5	0	25	5	30	5
Multihandicapped	5	0	15	5	20	5
TOTAL	505	100	2355	505	2860	605

TABLE 6-2B
CATCHMENT AREA #2B

Jefferson Community MH/MR Center

Population of Children = 40554
Low Income Children = 10388
Percent LI Children = 25.6%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N=11814	Estimated Low Income Children N= 3025	All Children N=28740	Estimated Low Income Children N= 7355	All Children N= 40554	Estimated Low Income Children N= 10380
Speech Impaired	205	55	1005	255	1210	310
Emotionally Disturbed	120	30	575	145	695	175
Mentally Retarded	135	35	660	170	795	205
Learning Disabled	60	15	285	75	345	90
Hard of Hearing	30	10	145	35	175	45
Deaf	5	0	20	5	25	5
Crippled & Other Health Impaired	30	10	145	35	175	45
Visually Handicapped	5	0	30	5	35	5
Multihandicapped	5	0	15	5	20	5
TOTAL	595	155	2880	730	3475	855

TABLE 6-3
CATCHMENT AREA #3

West Philadelphia Community MH/MR Consortium

Population of Children = 62419
Low Income Children = 10304
Percent LI Children = 16.5%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth-17 Years	
	All Children N= 18105	Estimated Low Income Children N= 2985	All Children N= 44314	Estimated Low Income Children N= 7310	All Children N= 62419	Estimated Low Income Children N= 10295
Speech Impaired	315	50	1550	255	1865	305
Emotionally Disturbed	180	30	885	145	1065	175
Mentally Retarded	210	35	1020	170	1230	205
Learning Disabled	90	15	445	75	535	90
Hard of Hearing	45	5	220	35	265	40
Deaf	5	0	35	5	40	5
Crippled & Other Health Impaired	45	5	220	35	265	40
Visually Handicapped	10	0	45	5	55	5
Multihandicapped	5	0	25	5	30	5
TOTAL	905	140	4445	730	5350	870

TABLE 6-4
CATCHMENT AREA #4

Community MH/MR Center of Philadelphia Psychiatric Center

Population of Children = 51564
Low Income Children = 13191
Percent LI Children = 25.6%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N= 14264	Estimated Low Income Children N=3650	All Children N= 37300	Estimated Low Income Children N= 9550	All Children N= 51564	Estimated Low Income Children N= 13200
Speech Impaired	250	65	1305	335	1555	400
Emotionally Disturbed	145	35	745	190	890	225
Mentally Retarded	165	40	860	220	1025	260
Learning Disabled	70	20	375	95	445	115
Hard of Hearing	35	10	185	50	220	60
Deaf	5	0	30	5	35	5
Crippled & Other Health Impaired	35	10	185	50	220	60
Visually Handicapped	5	0	35	10	40	10
Multihandicapped	5	0	20	5	25	5
TOTAL	715	180	3740	960	4455	1140

TABLE 6-5A
CATCHMENT AREA #5A

North Central Philadelphia Community MH/MR Center

Population of Children = 79180
Low Income Children = 28673
Percent LI Children = 36.2%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N=22420	Estimated Low Income Children N= 8115	All Children N= 56760	Estimated Low Income Children N= 20545	All Children N= 79180	Estimated Low Income Children N=28660
Speech Impaired	390	140	1985	720	2375	860
Emotionally Disturbed	225	80	1135	410	1360	490
Mentally Retarded	260	95	1305	475	1565	570
Learning Disabled	110	40	570	205	680	245
Hard of Hearing	55	20	285	105	340	125
Deaf	10	5	45	15	55	20
Crippled & Other Health Impaired	55	20	285	105	340	125
Visually Handicapped	10	5	55	20	65	25
Multihandicapped	5	0	35	10	40	10
TOTAL	1120	405	5700	2065	6820	2470

TABLE 6-5B
CATCHMENT AREA #5B

Community Organization for Mental Health
and Retardation, Inc. (COMAR)

Population of Children = 50182
Low Income Children = 10448
Percent LI Children = 20.8%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N=14789	Estimated Low Income Children N= 3075	All Children N= 35393	Estimated Low Income Children N= 7360	All Children N= 50182	Estimated Low Income Children N= 10435
Speech Impaired	260	55	1240	260	1500	315
Emotionally Disturbed	150	30	710	145	860	175
Mentally Retarded	170	35	815	170	985	205
Learning Disabled	75	15	355	75	430	90
Hard of Hearing	35	10	175	35	210	45
Deaf	5	0	25	5	30	5
Crippled & Other Health Impaired	35	10	175	35	210	45
Visually Handicapped	5	0	35	5	45	5
Multihandicapped	5	0	20	5	20	5
TOTAL	740	155	3550	735	4290	890

TABLE 6-6A
CATCHMENT AREA #6A

Intercommunity Action, Inc. (INTERAC) Base Service Unit

Population of Children = 22089
Low Income Children = 3072
Percent LI Children = 13.9%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N= 6896	Estimated Low Income Children N= 960	All Children N= 15193	Estimated Low Income Children N= 2110	All Children N= 22089	Estimated Low Income Children N=3070
Speech Impaired	120	15	530	75	650	90
Emotionally Disturbed	70	10	305	40	375	50
Mentally Retarded	80	10	350	50	430	60
Learning Disabled	35	5	150	20	185	25
Hard of Hearing	15	0	75	10	90	10
Deaf	5	0	10	0	15	0
Crippled & Other Health Impaired	15	0	75	10	90	10
Visually Handicapped	5	0	15	0	20	0
Multihandicapped	0	0	10	0	10	0
TOTAL	345	40	1520	205	1865	245

TABLE 6-6B
CATCHMENT AREA # 6B

Northwest Center for Community MH/MR Programs

Population of Children = 32514
Low Income Children = 4800
Percent LI Children = 14.8%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N= 9140	Estimated Low Income Children N= 1355	All Children N= 23374	Estimated Low Income Children N= 3460	All Children N= 32514	Estimated Low Income Children N=4815
Speech Impaired	160	25	820	120	980	145
Emotionally Disturbed	90	15	465	70	555	85
Mentally Retarded	105	15	540	80	645	95
Learning Disabled	45	5	235	35	280	40
Hard of Hearing	25	5	115	15	140	20
Deaf	5	0	20	5	25	5
Crippled & Other Health Impaired	25	5	115	15	140	20
Visually Handicapped	5	0	25	5	30	5
Multihandicapped	5	0	15	0	20	0
TOTAL	465	70	2350	345	2815	415

TABLE 6-6C
CATCHMENT AREA #6C

Albert Einstein Community MH/MR Center

Population of Children = 55059
Low Income Children = 4494
Percent LI Children = 8.2%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N= 15742	Estimated Low-Income Children N= 1290	All Children N= 39317	Estimated Low Income Children N= 3225	All Children N= 55059	Estimated Low Income Children N= 4515
Speech Impaired	275	25	1375	115	1650	140
Emotionally Disturbed	155	15	785	65	940	80
Mentally Retarded	180	15	905	75	1085	90
Learning Disabled	80	5	395	30	475	35
Hard of Hearing	40	5	195	15	235	20
Deaf	5	0	30	0	35	0
Crippled & Other Health Impaired	40	5	195	15	235	20
Visually Handicapped	10	0	40	5	50	5
Multihandicapped	5	0	25	0	30	0
TOTAL	790	70	3945	320	4735	390

TABLE 6-7A
CATCHMENT AREA #7A

Northeast Community Center for MH/MR Center

Population of Children = 52344
Low Income Children = 3833
Percent LI Children = 7.3%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N= 14072	Estimated Low Income Children N= 1025	All Children N= 38272	Estimated Low Income Children N= 2795	All Children N= 52344	Estimated Low Income Children N=3820
Speech Impaired	245	20	1340	100	1585	120
Emotionally Disturbed	140	10	765	55	905	65
Mentally Retarded	160	10	880	65	1040	75
Learning Disabled	70	5	385	30	455	35
Hard of Hearing	35	5	190	15	225	20
Deaf	5	0	30	0	35	0
Crippled & Other Health Impaired	35	5	190	15	225	20
Visually Handicapped	5	0	40	5	45	5
Multihandicapped	5	0	25	0	30	0
TOTAL	700	55	3845	285	4545	340

TABLE 6-7B
CATCHMENT AREA #7B

PATH, Inc. Base Service Unit

Population of Children = 48387
Low Income Children = 2034
Percent LI Children = 4.2%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N=12958	Estimated Low Income Children N= 545	All Children N=35429	Estimated Low Income Children N= 1490	All Children N= 48387	Estimated Low Income Children N= 2035
Speech Impaired	225	10	1240	50	1465	60
Emotionally Disturbed	130	5	710	30	840	35
Mentally Retarded	150	5	815	35	965	40
Learning Disabled	65	0	355	15	420	15
Hard of Hearing	30	0	175	5	205	5
Deaf	5	0	25	0	30	0
Crippled & Other Health Impaired	30	0	175	5	205	5
Visually Handicapped	5	0	35	0	40	0
Multihandicapped	5	0	20	0	25	0
TOTAL	645	20	3550	140	4195	160

TABLE 6-7C
CATCHMENT AREA #7C

Benjamin Rush Center for MH/MR Base Service Unit

Population of Children = 36826
Low Income Children = 959
Percent LI Children = 2.6%

Categories of Handicapped Conditions	Age Grouping of Children					
	Birth - 4 Years		5-17 Years		Birth -17 Years	
	All Children N= 12675	Estimated Low Income Children N= 330	All Children N= 24151	Estimated Low Income Children N= 630	All Children N= 36826	Estimated Low Income Children N=960
Speech Impaired	220	5	845	20	1065	25
Emotionally Disturbed	125	5	485	15	610	20
Mentally Retarded	145	5	555	15	700	20
Learning Disabled	65	0	240	5	305	5
Hard of Hearing	30	0	120	5	150	5
Deaf	5	0	20	0	25	0
Crippled & Other Health Impaired	30	0	120	5	150	5
Visually Handicapped	5	0	25	0	30	0
Multihandicapped	5	0	15	0	20	0
TOTAL	630	15	2425	65	3055	80

TABLE 4

Rank Order of Estimated Number of Children
with Special Conditions by Catchment Areas

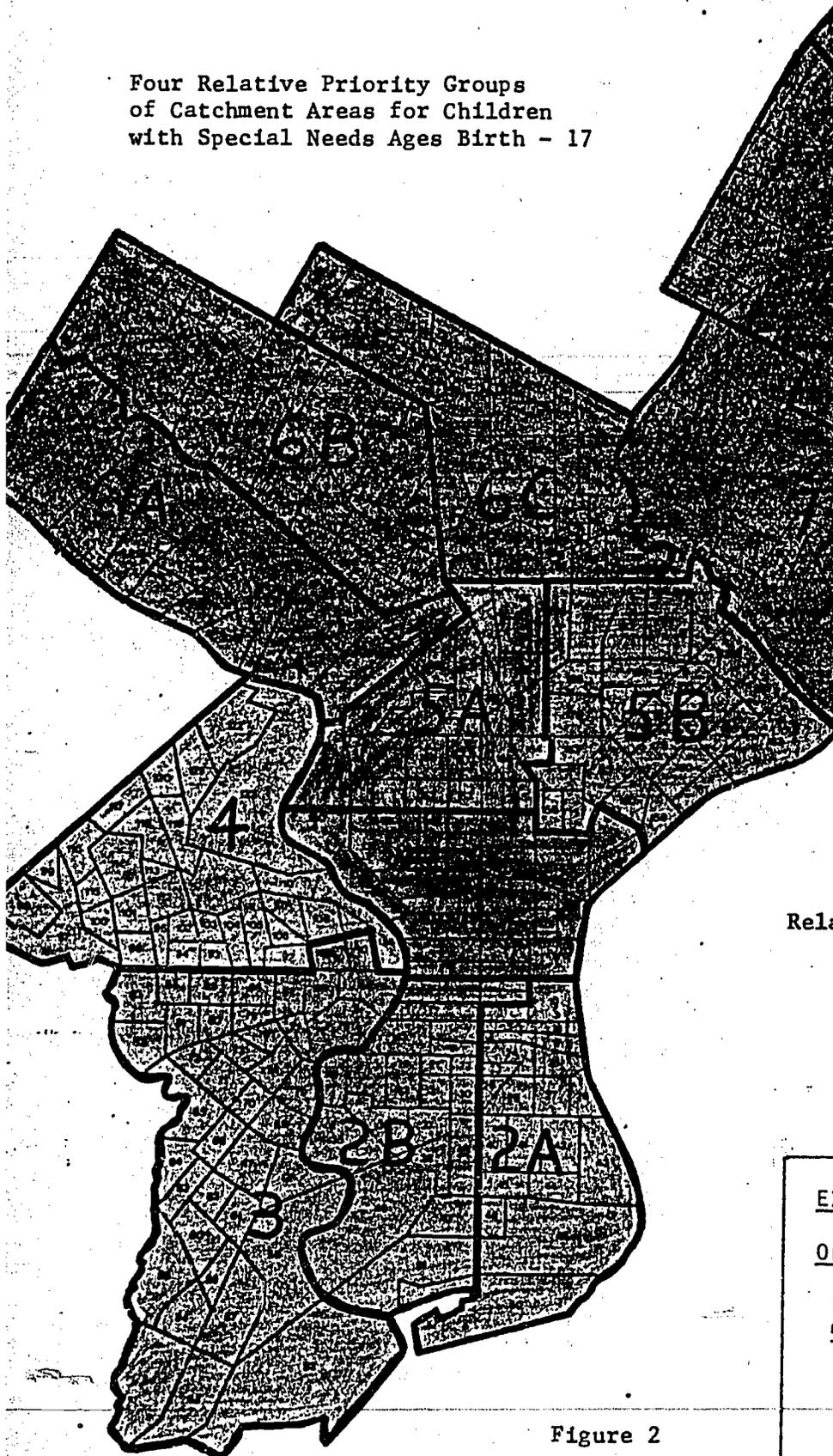
Catchment Areas	Number of Low Income Children from Birth-17 with Special Conditions
5A	2470
1	1655
4	1140
5B	890
2B	885
3	870
2A	605
6B	415
6C	390
7A	340
6A	245
7B	160
7C	80

TABLE 8-A

Relative Priority Catchment Area Groups for Children
Birth - 17 with Special Needs

Estimated Number of Low Income Children Birth-17	Catchmark Area	Relative Priority Group	Color Designation of Figure 2
2000 & Over 1900 - 1999 1800 - 1899 1700 - 1799 1600 - 1699 1500 - 1599	5A 1	I	Orange
1400 - 1499 1300 - 1399 1200 - 1299 1100 - 1199 1000 - 1099	4	II	Green
900 - 999 800 - 899 700 - 799 600 - 699 500 - 599	2B, 3, 5B 2A	III	Blue
400 - 499 300 - 399 200 - 299 100 - 199 Under 100	6B 6C, 7A 6A 7B 7C	IV	Red

Four Relative Priority Groups
of Catchment Areas for Children
with Special Needs Ages Birth - 17



Rela

Figure 2



LEGEND

Priority	Color Code
	Orange
	Green
	Blue
	Red

DEFINITION OF COLOR CODING

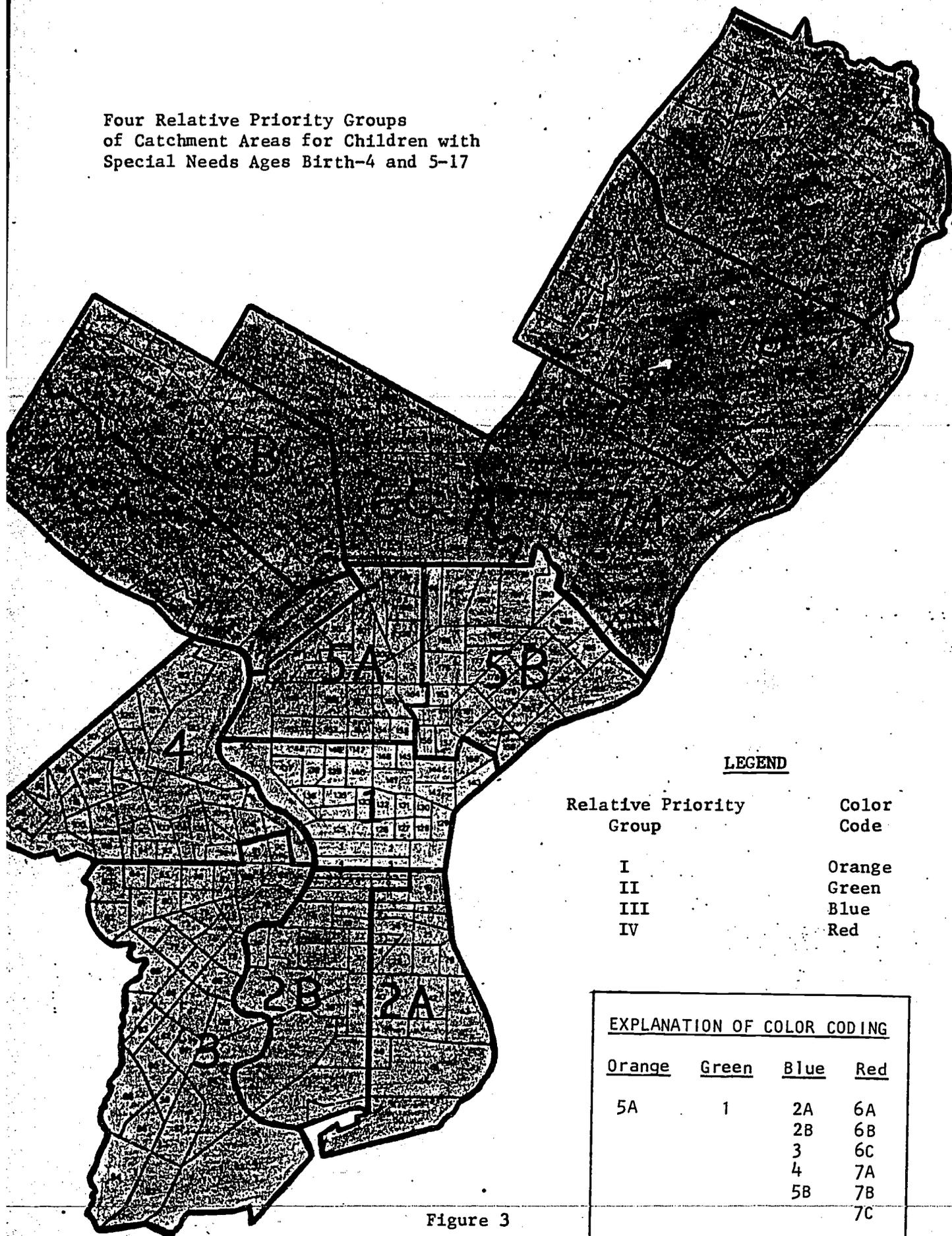
<u>Green</u>	<u>Blue</u>	<u>Red</u>
4	2A	6A
	2B	6B
	3	6C
	5B	7A
		7B
		7C

Table 8-B

Relative Priority of Catchment Area Groups
for Children Ages Birth-4 and Ages 5-17 with Special Needs

Children Ages Birth - 4 Years		Children Ages 5-17 Years		Relative Priority Group	Color Designation for figure 3
Estimated LI Children	Catchment Area	Estimated LI Children	Catchment Area		
400 & Over 380 - 399 360 - 379 340 - 359 320 - 339 300 - 319	5A	2000 & Over 1900-1999 1800-1899 1700-1799 1600-1699 1500-1599	5A	I	Orange
280 - 299 260 - 279 240 - 259 220 - 239 200 - 219	1	1400-1499 1300-1399 1200-1299 1100-1199 1000-1099	1	II	Green
180 - 199 160 - 179 140 - 159 120 - 139 100 - 119	4 2B, 3, 5B 2A	900- 999 800- 899 700- 799 600- 699 500- 599	4 2B, 3, 5B 2A	III	Blue
80 - 99 60 - 79 40 - 59 20 - 39 Under 20	6B, 6C 6A, 7A 7B 7C	400- 499 300- 399 200- 299 100- 199 Under 100	6B, 6C 6A, 7A 7B 7C	IV	Red

Four Relative Priority Groups
of Catchment Areas for Children with
Special Needs Ages Birth-4 and 5-17



LEGEND

Relative Priority Group	Color Code
I	Orange
II	Green
III	Blue
IV	Red

EXPLANATION OF COLOR CODING

<u>Orange</u>	<u>Green</u>	<u>Blue</u>	<u>Red</u>
5A	1	2A	6A
		2B	6B
		3	6C
		4	7A
		5B	7B
			7C

Figure 3

Section II: City of Philadelphia Catchment Areas: Median Income of Census Tracts and Percent Deviation from the State Median Income

For the purpose of identifying priority or target Catchment Areas (CA) based on Title XX income eligibility levels, the median income of each CA would have been the most useful index. However, because this information is not available nor directly derivable from existing data, an alternative procedure was developed which shows which of four income categories a CA will generally fall into. The procedure relies on color coding the median income of census tracts composing each CA.

Tables 9-1 to 9-7C show the census tracts composing each CA, the median income of each tract¹ and the percent deviation from the State Median Income (SMI) of \$13,374². Table 9 is the summary of tables 9-1 to 9-7C. Each CA is identified in the table as well as the census tract numbers which compose the CA³. The table also provides the range of median income, and the range of SMI percent deviation. Parentheses around the census tract number indicate the tract is divided and the median income is presented in one CA only. Of the residential tracts divided in this way, tract #009 is identified in 2B and #050 is identified in 2A.

The percent deviation from the SMI is computed by subtracting the median income of a census tract from the SMI, multiplying by 100%, and dividing by the SMI. The plus and minus signs show whether the median income of the tract is above or below the SMI. Asterisks are used to flag percent deviations which equal the limits or fall outside the range of -20% to +15% corresponding to the 80% and 115% income levels related to Title XX). One asterisk (*) shows that the negative percent deviation is -20% or less,

while two asterisks (**) show that the deviation is +15% or more. When asterisks are given for percent deviations related to the SMI, then these three possibilities are suggested:

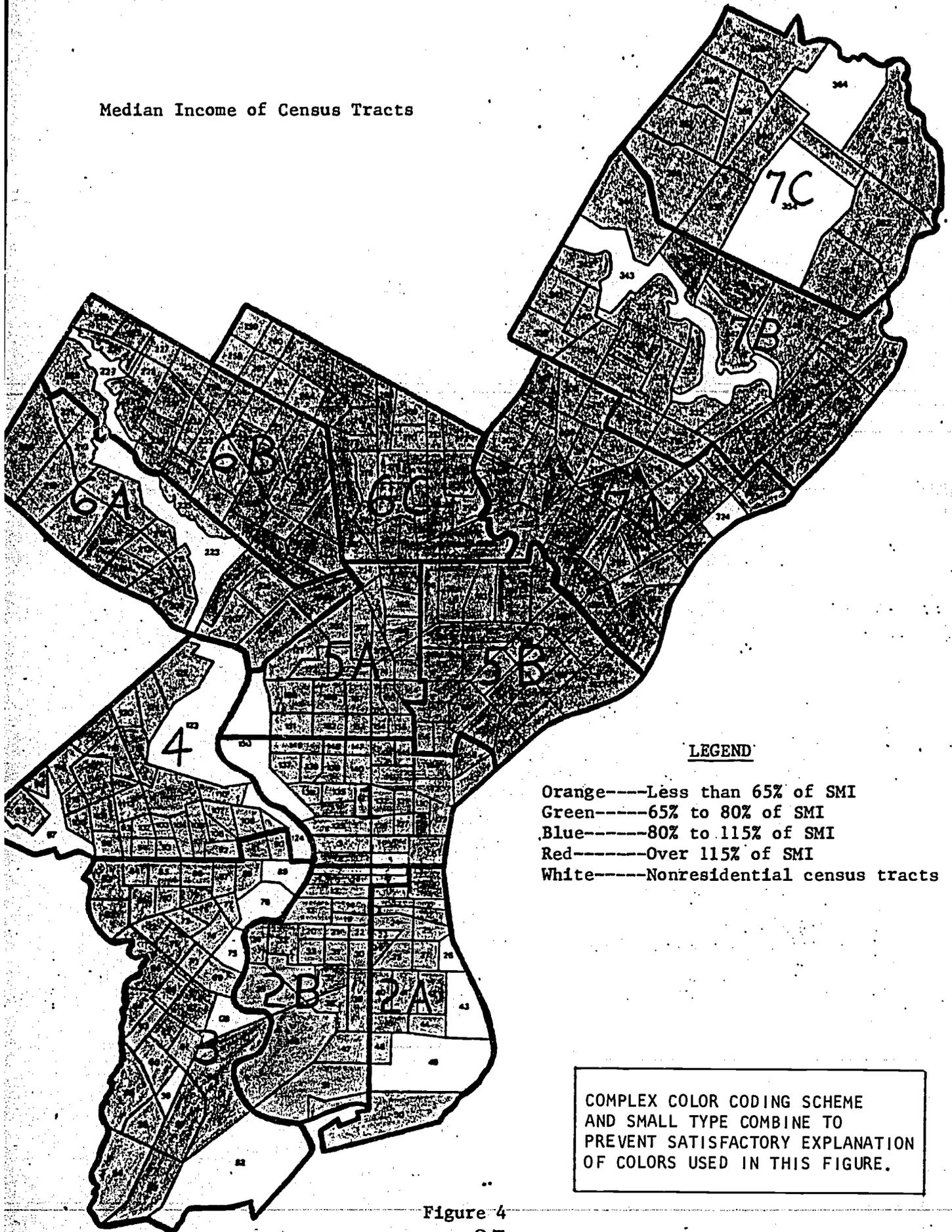
1. For tracts with median incomes less than the SMI by at least -20%, it is possible that half, or more than half, of the families are theoretically eligible for free day care under Title XX.
2. For tracts with median incomes greater than the SMI by at least +15%, half or more than half of the families in the tract are theoretically ineligible for services under Title XX.
3. For percent deviations not asterisked, half or more than half of the families in the tract may be eligible for services under Title XX on either a free or fee basis.

Figure 4 shows each tract's percent deviation from the SMI (the data are taken from column 3 of Tables 9-1 to 9-7C). The following chart shows how the colors on the map correspond to Title XX income levels and the information provided in column 3 of Tables 9-1 to 9-7c:

Color	Income Categories	Eligibility for Services	Column 3 of Tables 9-1 to 9-7C
Orange	Up to 65% of SMI	Eligible -- free (Federal Mandate)	one asterisk (*)
Green	Up to 80% of SMI	Eligible -- free (State Option)	one asterisk (*)
Blue	80-115% of SMI	Eligible -- fee	no asterisk
Red	Over 115% of SMI	Ineligible	two asterisks (**)

Thus although the median income of each CA is unknown, a general indication of this information can be determined by looking at Figure 4. Tracts color coded orange or green are target areas, and their preponderance in a CA identifies that CA as a general priority area. For example, with the exception of tract #197, CA 5 is composed of census tracts with family incomes of 65%

Median Income of Census Tracts



LEGEND

- Orange----Less than 65% of SMI
- Green----65% to 80% of SMI
- Blue----80% to 115% of SMI
- Red----Over 115% of SMI
- White----Nonresidential census tracts

COMPLEX COLOR CODING SCHEME
AND SMALL TYPE COMBINE TO
PREVENT SATISFACTORY EXPLANATION
OF COLORS USED IN THIS FIGURE.

Figure 4

of the SMI. It suggests that half the families in CA 5 may be eligible for Title XX Day Care based on income criteria only. Similarly, CA 7C is completely composed of tracts which are 80-115% of SMI (color coded blue) and half the families may be eligible for Title XX Day Care on a free or fee basis. Since Pennsylvania has opted to provide free Day Care up to 80% of the SMI, primary concern may be focused on those catchment areas primarily composed of census tracts color coded Orange and Green. These CA's are 1, 2A, 2B, 3, 4, 5A, and 5B.

Source of Information:

1. Socio-Economic Characteristics, 1960 and 1970, for Philadelphia Census Tracts, Philadelphia Planning Commission, Philadelphia, Pa.
2. Social Services '75 ... A Citizens Handbook, Social and Rehabilitation Services, U. S. Department of Health, Education and Welfare, Washington, D. C.: Government Printing Office, May 1975.
3. "City of Philadelphia Catchment Areas Boundaries and Census Tracts," Philadelphia Department of Public Health, Philadelphia Office of Mental Health and Mental Retardation, Division of Training, Information, and Education, November 26, 1975.

Service Directory, Mental Health and Mental Retardation 1975, Office of Mental Health and Mental Retardation, Department of Public Health, City of Philadelphia, Philadelphia, Pennsylvania.

Telephone calls conducted in April 1976:

Division of Training, Information, and Education of the Office of Mental Health and Mental Retardation.

Base Service Unit of Intercommunity Action, Inc.

TABLE 9
CITY OF PHILADELPHIA

Catchment Area Number	Census Tracts ³	Range of Median Income	Range of State Median Income (\$13,374) Percent Deviation
#1	1-5, 125- (150), 158	3261 - 17430	-75.6* to +30.3**
#2A	(9)-11, 15-18, 23-29, 40-45, 48-(50)	3395 - 17825	-74.6* to +33.3**
#2B	6-(9), 12-14, 19-22, 30-39, 46-47, (50); 51	3395 - 15491	-74.6* to +15.8**
#3	52-91	5682 - 11227	-57.5* to -16.1
#4	92-124	4798 - 25000	-64.1* to +86.0**
#5	(150)-155, (162), 164-169, 171-175, 197-204	3214 - 9161	-76.0* to -31.5*
#5B	156-157, 159-(162), 163, 176-182, 185-196	5211 - 10645	-61.0* to -10.4
#6A	170, 205-221, (223), 235	5987 - 25521	-55.2* to +90.8**
#6B	222- (223), 224-234, 236 - 257	7354 - 45588	-45.0* to +240.9**
#6C	258-290	9048 - 13824	-32.3* to +3.4
#7A	183-184, 291-313, 316- 326	7929 - 12495	-40.7* to -6.6
#7B	314-315, 327-349, 351-352	8200 - 14432	-38.7* to +7.9
#7C	353-365	10809 - 14411	-19.2 to +7.8

³ A census tract enclosed in parenthesis indicates that tract is divided and is located in two-CA's.

TABLE 9-1
 CATCHMENT AREA #1
 Hahnemann Community MH/MR Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
001	10667	-20.2 *
002	7093	-47.0 *
003	11735	-12.3 *
004	17430	+30.3 **
005	.....	.....
125	14873	+11.2
126	5351	-60.0 *
127	5132	-61.6 *
128	16923	+26.5 *
129	6500	-51.4 *
130	6028	-54.9 *
131	7770	-41.9 *
132	3261	-75.6 *
133	5218	-61.0 *
134	9083	-32.1 *
135	6261	-53.2 *
136	9009	-32.6 *
137	7193	-46.2 *
138	4871	-63.6 *
139	4270	-68.1 *
140	4799	-64.1 *
141	4500	-66.4 *
142	7222	-46.0 *

(continued on next page)

TABLE 9-1
 CATCHMENT AREA #1
 Hahnemann Community MH/MR Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
143	8394	-37.2 *
144	7378	-44.8 *
145	4465	-66.6 *
146	10028	-25.0 *
147	4590	-65.7 *
148	5171	-61.3 *
149	6307	-52.8 *
(150)	...	...
158	8970	-32.9 *

Parenthesis enclosing the census tract number indicates the tract is divided and is located in two CAs.

TABLE 9-2A
 CATCHMENT AREA # 2A
 Hall-Mercer Community MH/MR Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
(009)	7489	-44.0 *
010	17825	+33.3 **
011	9455	-29.3 *
015	5672	-57.6 *
016	6351	-52.5 *
017	8920	-33.3 *
018	6153	-54.0 *
023	8315	-37.8 *
024	7224	-46.0 *
025	5680	-57.5 *
026	...	...
027	7973	-40.4 *
028	8047	-39.8 *
029	9184	-31.3 *
040	9186	-31.3 *
041	8348	-37.6 *
042	9218	-31.1 *
043	...	...
044	7900	-40.9 *
045	9652	-27.8 *
048	11489	-14.1
049	...	...
(050)	14000	+44.7

Parenthesis enclosing the census tract number indicates the tract is divided and is located in two CAs.

TABLE 9-2B
 CATCHMENT AREA # 2B
 Jefferson Community MH/MR Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
006	...	...
007	12338	-7.7
008	15491	+15.8 **
(009)	7489	-44.0 *
012	13202	-1.3
013	6769	-49.4 *
014	4926	-63.2 *
019	4318	-67.7 *
020	6619	-50.5 *
021	5347	-60.0 *
022	6153	-54.0 *
030	8305	-37.9 *
031	6321	-52.7 *
032	7922	-40.8 *
033	8720	-34.8 *
034	8800	-34.2 *
035	7571	-43.4 *
036	6309	-52.9 *
037	9513	-28.9 *
038	11104	-17.0
039	9928	-25.8 *
046	3395	-74.6 *
047	11146	-16.7

(continued on following page)

TABLE 9-2B
 CATCHMENT AREA # 2B
 Jefferson Community MH/MR Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
(050)	14000	+ 4.7
051	7306	-45.4 *

Parenthesis enclosing the census tract number indicates the tract is divided and is located in two CAs.

TABLE 9-3
CATCHMENT AREA # 3
West Philadelphia Community MH Consortium

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
052	...	...
053	8750	-34.6*
054	5682	-57.5*
055	10085	-24.6*
056	8195	-38.7*
057	9071	-32.2*
058	10333	-22.7*
059	...	...
060	10817	-19.1
061	11227	-16.1
062	10096	-24.5*
063	8612	-35.6*
064	9824	-26.5*
065	9415	-29.6*
066	9765	-27.0*
067	9385	-29.8*
068	...	...
069	6655	-50.2*
070	8628	-35.5*
071	8779	-34.4*
072	8758	-34.5*
073	8186	-38.8*
074	7124	-46.7*

(Continued on next page)

TABLE 9-3
CATCHMENT AREA # 3

West Philadelphia Community MH Consortium

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
075	...	...
076	...	...
077	6786	-49.3*
078	7774	-41.9*
079	9663	-27.7*
080	8573	-35.9*
081	9605	-28.2*
082	9606	-28.2*
083	8812	-34.1*
084	8554	-36.0*
085	8503	-36.4*
086	8277	-38.1*
087	7890	-41.0*
088	7049	-47.3*
089	...	.....
090	7296	-45.4*
091	8186	-38.8*

TABLE 9-4
CATCHMENT AREA # 4
Community MH/MR Center of Philadelphia - Psychiatric Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
092	5446	-59.3 *
093	7488	-44.0 *
094	6108	-54.3 **
095	7159	-46.5 *
096	8662	-35.2 *
097	...	...
098	11019	-17.6
099	25000	+86.9 ***
100	9691	-27.5 **
101	9021	-32.5 **
102	6544	-51.1 *
103	6909	-48.3 *
104	6593	-50.7 *
105	4838	-63.8 *
106	6580	-50.8 *
107	7433	-44.4 *
108	5368	-59.8 *
109	4798	-64.1 *
110	6741	-49.6 **
111	7307	-45.4 *
112	8278	-38.1 *
113	9380	-29.9 *
114	9512	-28.9 *

(continued on next page)

TABLE 9-4
 CATCHMENT AREA # 4
 (continued) Community MH/MR Center of Philadelphia - Psychiatric Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
115	10167	- 24.0 *
116	11644	- 12.9
117	15752	+17.8 **
118	11159	-16.6
119	9491	-29.0 *
120	14342	+ 7.2
121	12799	- 4.3
122	13135	- 1.8
123	...	...
124	...	...

TABLE 9-5 A
 CATCHMENT AREA # 5A
 North Central Philadelphia Community MH/MR Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
(150)	...	...
151	6149	-54.0 *
152	4363	-67.4 *
153	4382	-67.2 *
154	3214	-76.0 *
155	5156	-61.4 *
(162)	5211	-61.0 *
164	5906	-55.8 *
165	5605	-58.1 *
166	5739	-57.1 *
167	6493	-51.5 *
168	6428	-51.9 *
169	6796	-49.2 *
171	8344	-37.6 *
172	7470	-44.1 *
173	7947	-40.6 *
174	6752	-49.5 *
175	7021	-47.5 *
197	9161	-31.5 *
198	8664	-35.2 *
199	7866	-41.2 *
200	6783	-49.3 *
201	7907	-40.9 *

(continued on next page)

TABLE 9-5A
CATCHMENT AREA # 5A

North Central Philadelphia Community MH/MR Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
202	8427	-37.0 *
203	8049	-39.8 *
204	7682	-42.6 *

Parenthesis enclosing the census tract number indicates the tract is divided and is located in two CAs.

TABLE 9-5B
CATCHMENT AREA #5B

Community Organization for Mental Health and Retardation, Inc. (COMHAR)

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
156	6152	-54.0*
157	7522	-43.8*
159	9506	-28.9*
160	8740	-34.6*
161	7922	-40.8*
(162)	5211	-61.0*
163	6176	-53.8*
176	7416	-44.5*
177	8250	-38.3*
178	8201	-38.7*
179	8688	-35.0*
180	9115	-31.8*
181	10500	-21.5*
182	9300	-30.5*
185	10000	-25.2*
186	9151	-31.6*
187	9361	-30.0*
188	9489	-29.0*
189	10645	-20.4*
190	9973	-25.4*
191	10597	-20.8*
192	9305	-30.4*
193	7750	-42.1*

(Continued on next page)

TABLE 9-5B
CATCHMENT AREA # 5B

Community Organization for Mental Health and Retardation, Inc. (COMHAR)

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
194	5614	-58.0*
195	8749	-34.6*
196	8043	-39.9*

Parenthesis enclosing the census tract number indicates the tract is divided and is located in two CAs.

TABLE 9-6A
CATCHMENT AREA # #6A .

Intercommunity Action, Inc. (INTERAC) Base Service Unit

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
170	5987	-55.2 *
205	9000	-32.7 *
206	14273	+ 6.7
207	8043	-39.9 *
208	16563	+23.8 **
209	9891	-26.0 *
210	10339	-22.7 *
211	11291	-15.6
212	10778	-19.4
213	10816	-19.1
214	9452	-29.3 *
215	9779	-26.9 *
216	11692	-12.6
217	12367	- 7.5
218	13215	- 1.2
219	11706	-12.5
220	14605	+ 9.2
221	11186	-16.4
(223)	...	...
235	13859	+ 3.6

Parenthesis enclosing the census tract number indicates the tract is divided and is located in two CAs.

TABLE 9-6B
 CATCHMENT AREA # 6B
 Northwest Center for Community MH/MR Programs

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
222	12375	- 7.5
(223)	...	...
224	37500	+180.4 **
225	22292	+ 66.7 **
226	29808	+122.9 **
227	14297	+ 6.9
228	14707	+ 10.0
229	45588	+240.9 **
230	25521	+ 90.8 **
231	18967	+ 41.8 **
232	13924	+ 4.1
233	12250	- 8.4
234	22500	+ 68.2 **
236	14439	+ 8.0
237	10914	- 18.4
238	10078	- 24.6 *
239	10071	- 24.7 *
240	8830	- 34.0 *
241	8500	- 36.4 *
242	9006	- 32.7 *
243	9847	- 26.4 *
244	8676	- 35.1 *
245	8021	- 40.0 *

(Continued on next page)

TABLE 9-6B
CATCHMENT AREA # 6B

Northwest Center for Community MH/MR Programs

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
246	7354	- 45.0 *
247	8713	- 34.9 *
248	8818	- 34.1 *
249	9056	- 32.3 *
250	11642	- 13.0
251	12822	- 4.1
252	9669	- 27.7 *
253	8988	- 32.8 *
254	14203	+ 6.2
255	13024	- 2.6
256	13598	+ 1.7
257	12202	- 8.8

Parenthesis enclosing the census tract number indicates the tract is divided and is located in two CAs.

TABLE 9-6C
CATCHMENT AREA # 6C
Albert Einstein Community MH/MR Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
258	12391	- 7.4
259	11071	-17.2
260	12013	-10.2
261	13824	+3.4
262	12327	- 7.8
263	10676	-20.2*
264	10770	-19.5
265	9504	-28.9*
266	9752	-27.1*
267	10123	-24.3*
268	10344	-22.7*
269	10922	-18.3
270	13723	+2.6
271	11728	-12.3
272	12884	- 3.7
273	10094	-24.5*
274	9733	-27.2*
275	10622	-20.6*
276	9900	-26.0*
277	9794	-26.8*
278	10870	-18.7
279	9209	-31.1*
280	9221	-31.5*

(Continued on next page)

TABLE 9-6C
 CATCHMENT AREA # 6C
 Albert Einstein Community MH/MR Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
281	10562	-21.0*
282	10160	-24.0*
283	9233	-31.0*
284	9780	-26.9*
285	10406	-22.2*
286	9659	-27.8*
287	9048	-32.3*
288	9359	-36.0**
289	9583	-28.3*
290	10865	-18.8

TABLE 9-7 A
CATCHMENT AREA # 7A

Northeast Community Center for MH/MR Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
183	9839	- 26.4 *
184	9570	- 28.4 *
291	9761	- 27.0 *
292	10980	- 17.9
293	8748	- 34.6 *
294	8747	- 34.6 *
295	8758	- 34.5 *
296	8403	- 37.2 *
297	8214	- 38.6 *
298	9357	- 30.0 *
299	8401	- 37.2 *
300	8429	- 37.0 *
301	10648	- 20.4 *
302	10585	- 20.9 *
303	9687	- 27.6 *
304	11500	- 14.0
305	11117	- 16.9
306	10544	- 21.2 *
307	9662	- 27.8 *
308	12495	- 6.6
309	11326	- 15.3
310	11653	- 12.9
311	10978	- 17.9

(continued on next page)

TABLE 9-7 A
CATCHMENT AREA # 7A

Northeast Community Center for MH/MR Center

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
312	10953	- 18.1
313	11080	- 17.2
316	11325	- 15.3
317	10557	- 21.1 *
318	10345	- 22.6 *
319	9982	- 25.4 *
320	10903	- 18.5
321	9375	- 29.9 *
322	7929	- 40.7 *
323	10308	- 22.9 *
324	...	...
325	9975	- 25.4 *
326	9745	- 27.1 *

TABLE 9-7B
 CATCHMENT AREA # 7B
 People Acting to Help, Inc. (PATH)
 Base Service Unit

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
314	11457	-14.3
315	11113	-16.9
327	8200	-38.7*
328	...	...
329	10045	-24.9*
330	10413	-22.1*
331	10802	-19.2
332	13136	-1.8
333	11410	-14.7
334	12048	-9.9
335	11511	-13.9
336	10651	-20.4*
337	11638	-13.0
338	10859	-18.8
339	11052	-17.4
340	12602	-5.8
341	10875	-18.7
342	12811	-4.2
343	...	...
344	14432	+7.9
345	10651	-20.4*
346	9971	-25.4*
347	12286	-8.1

(Continued on next page)

TABLE 9-7B
 CATCHMENT AREA # 7B
 People Acting to Help, Inc. (PATH)
 Base Service Unit

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
348	11085	-17.1
349	10144	-24.2
351	10185	-23.8
352	12114	- 9.4

TABLE 9-7C
 CATCHMENT AREA #7C
 Benjamin Rush Center for MH/MR
 Base Service Unit

Census Tract Number	Median ¹ Family Income	State Median Income (\$13,374) ² Percent Deviation
353	11801	-11.8
354	...	...
355	12458	- 6.8
356	14411	+7.8
357	10809	-19.2
358	12948	-3.2
359	13160	- 1.6
360	12619	-5.6
361	12025	-10.1
362	11585	-13.4
363	11295	-15.5
364	...	...
365	12536	- 6.3

Section III: The Locations of Specialized Day Care Centers In Relation to Catchment Areas In the City of Philadelphia

The purposes of this section are to show three relationships by presenting:

- . a graphic display of the locations of Title XX Specialized Centers in relation to Catchment Areas (CA),
- . a graphic display of the geographical service area of each Specialized Center, and
- . the number of children under age 18 residing in the geographical service area of each Specialized Center.

There are 17 specialized day care centers in Philadelphia which offer care programs for various age groups of children with special needs. The specialized centers provide services to children in geographical areas established by the Philadelphia Office of Mental Health and Mental Retardation. Each center provides services to one or more catchment areas.

Figure 5 shows the approximate locations of the 17 specialized centers in relation to the CA boundaries. Figures 6 through 16 graphically display the approximate locations of each center and the geographical boundaries of the service area. Figures 6 through 11 show those centers which serve one catchment area only. Figures 12 and 14 show centers providing services to two adjoining catchment areas. Figure 13 shows two conditions; that is, the pre-school program of the center is offered to one catchment area while the infant program of the center is offered to two catchment areas. Figure 15 shows a center serving three catchment areas. Finally, Figure 16 shows six centers which offer services to the entire City of Philadelphia. Three of these six centers offer day care programs to a rather highly specified population:

Southern Home for Children: School-aged emotionally disturbed or learning disabled children.

United Cerebral Palsy Association: Pre-school children with Cerebral Palsy.

Upsal School for the Blind: Pre-school and school aged blind children.

A center is identified by a dot on each figure. With the exception of Figure 16, the vertical lines designate the service boundaries of the center. The catchment area served, the population of children ages 0-17 residing within the service boundaries, and the age range of children served are identified on each figure.

The rank order (from low to high) of specialized centers based upon the number of children residing within the geographical area of the center is presented in Table 10. Excluding centers which serve the entire city, the number of children (under age 18) in each catchment area (or areas) served by a given center ranges from 22,089 (Roxborough - Ken Crest Center, pre-school only) to 137,557 (Growth and Development Center of the Northeast).

This section was designed by Terrence VanderWege, former staff member of Day Care Evaluation Unit, in 1974. Information was updated in April 1976.

Approximate Locations
of the
Specialized Day Care Centers
by
Catchment Areas

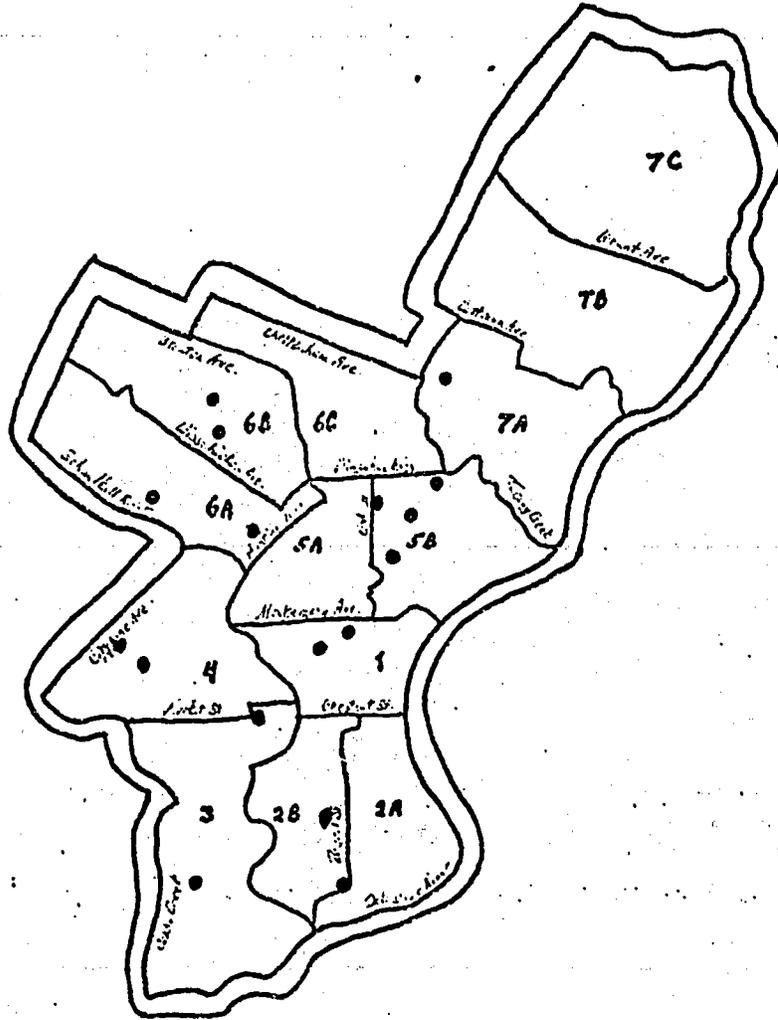
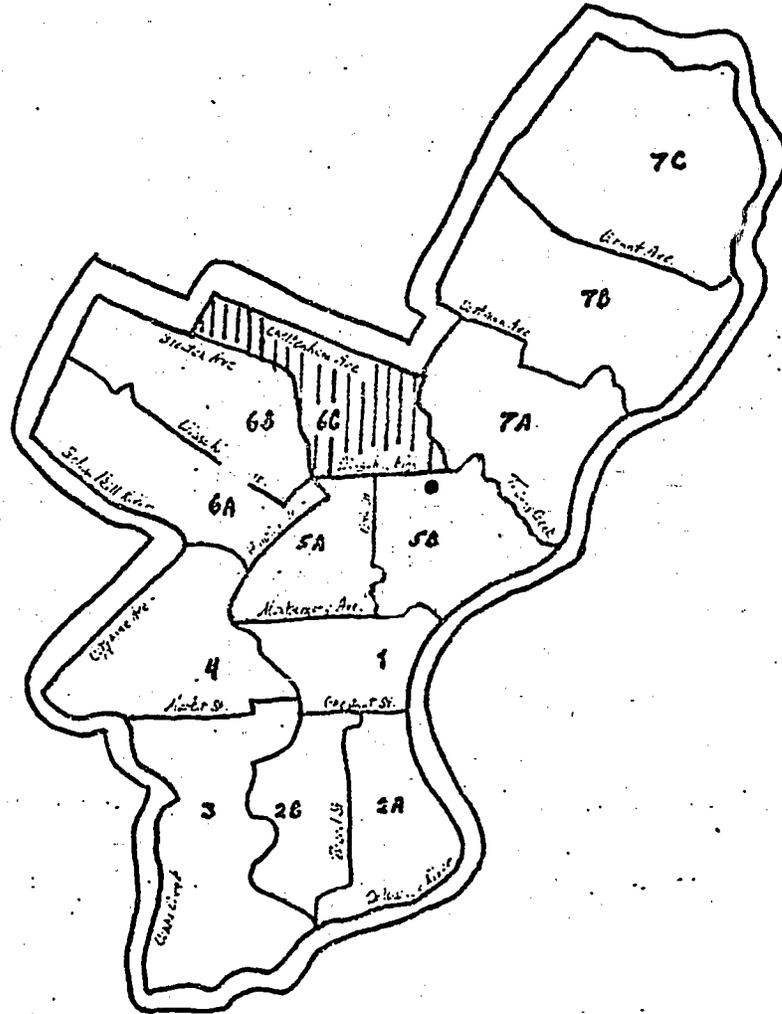


Figure 5

Geographical Area Served By
Albert Einstein Growth and Development Center



Catchment Area 6C

Population: 55,059

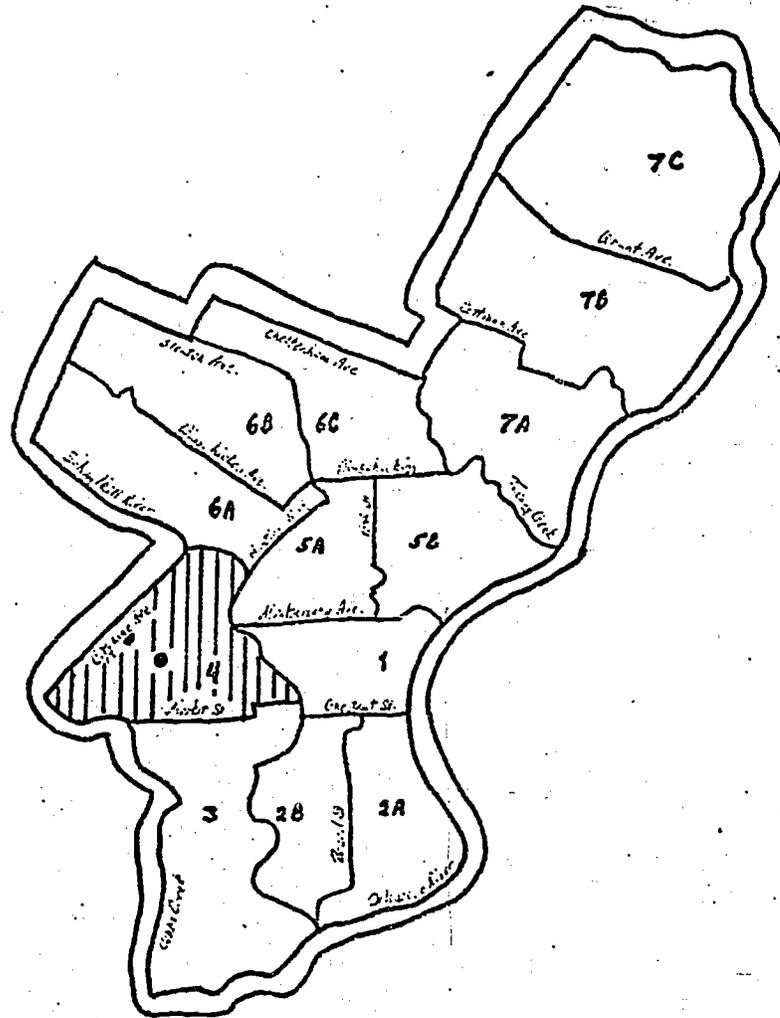
Serving Ages: 2 to 4.7 years

Figure 6

68

64

Child Guidance Center
Developmental Disabilities Center



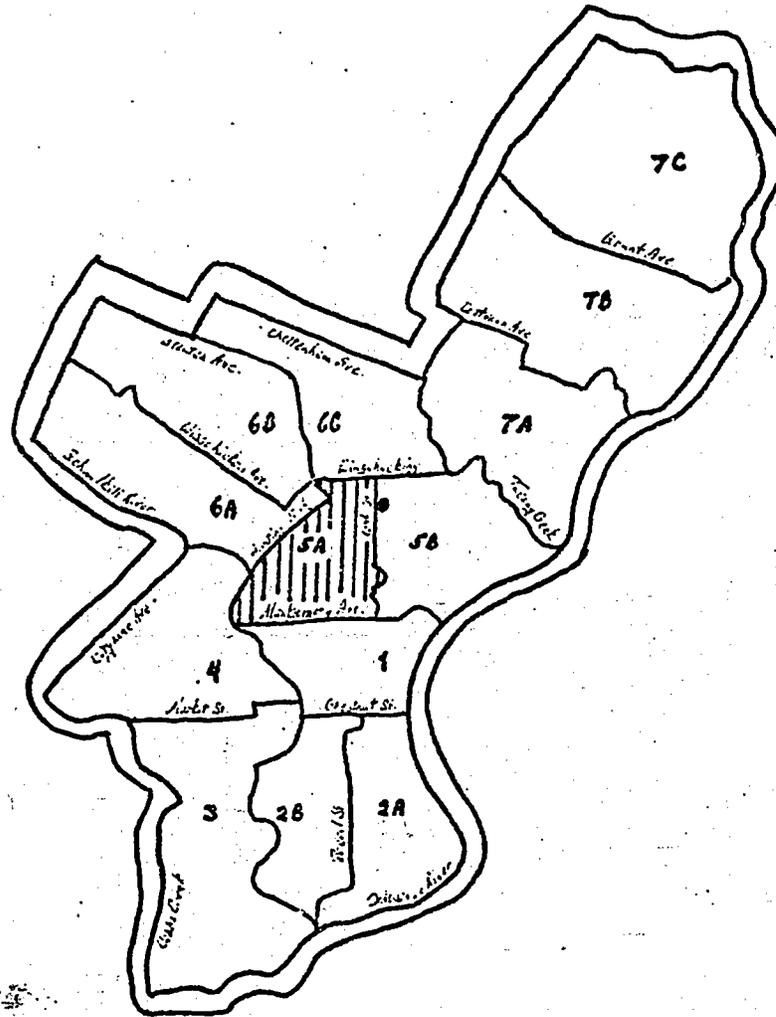
Catchment Area 4

Population 51,364

Serving Ages:
Child Guidance Center 3 to 5 years
Developmental Disabilities Center 2 to 5.6 years

Figure 7

Geographical Area Served By
 North Philadelphia - Ken Crest Center



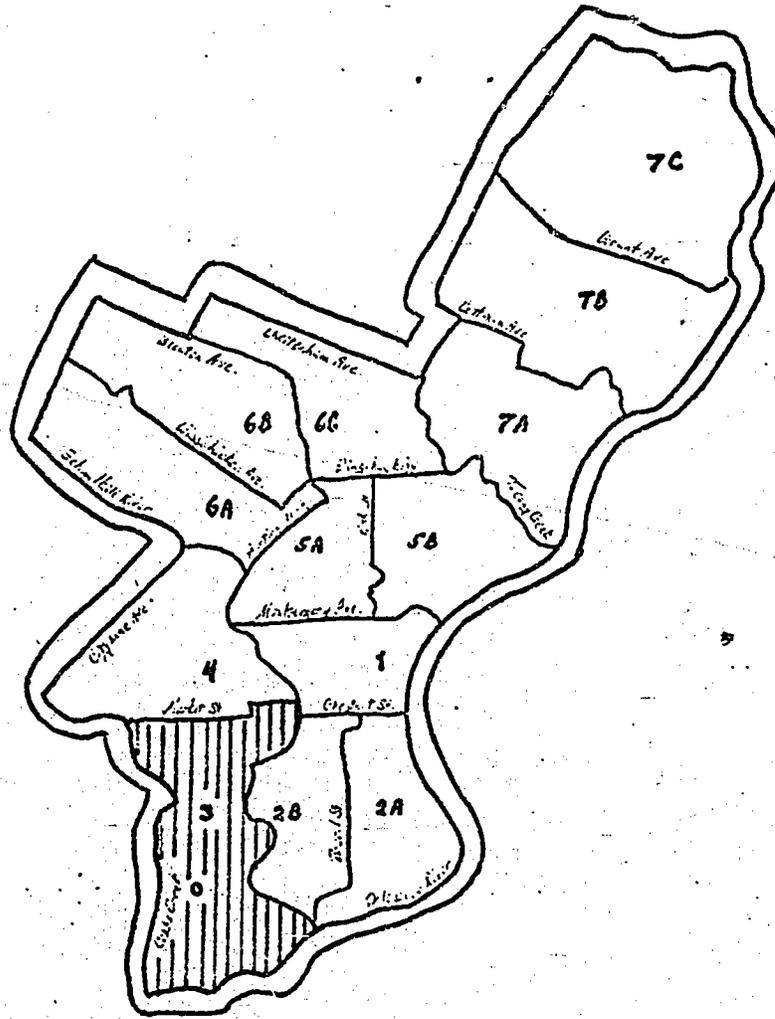
Catchment Area 5A

Population 79,180

Serving Ages: 1.6 to 5.7 years

Figure 9

Geographical Area Served By
 West Philadelphia Community Mental Health
 Consortium Day Care



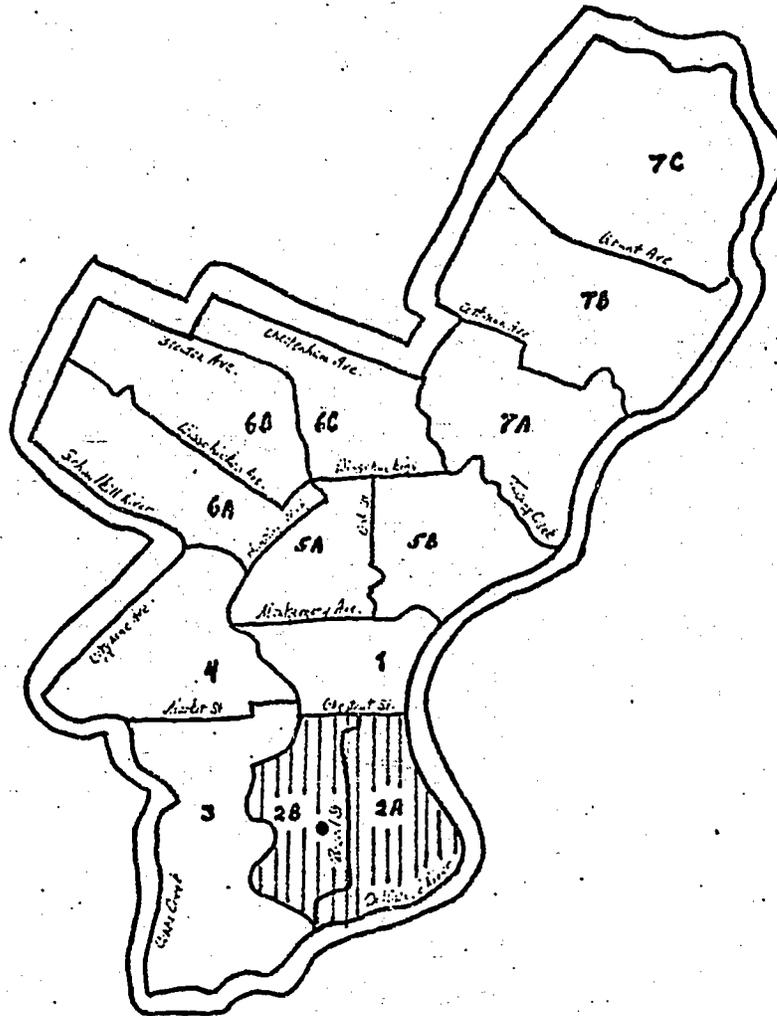
Catchment Area 3

Population 62,419

Serving Ages: Birth to 9 years

Figure 11

Geographical Area Served By
South Philadelphia-Ken Crest Center



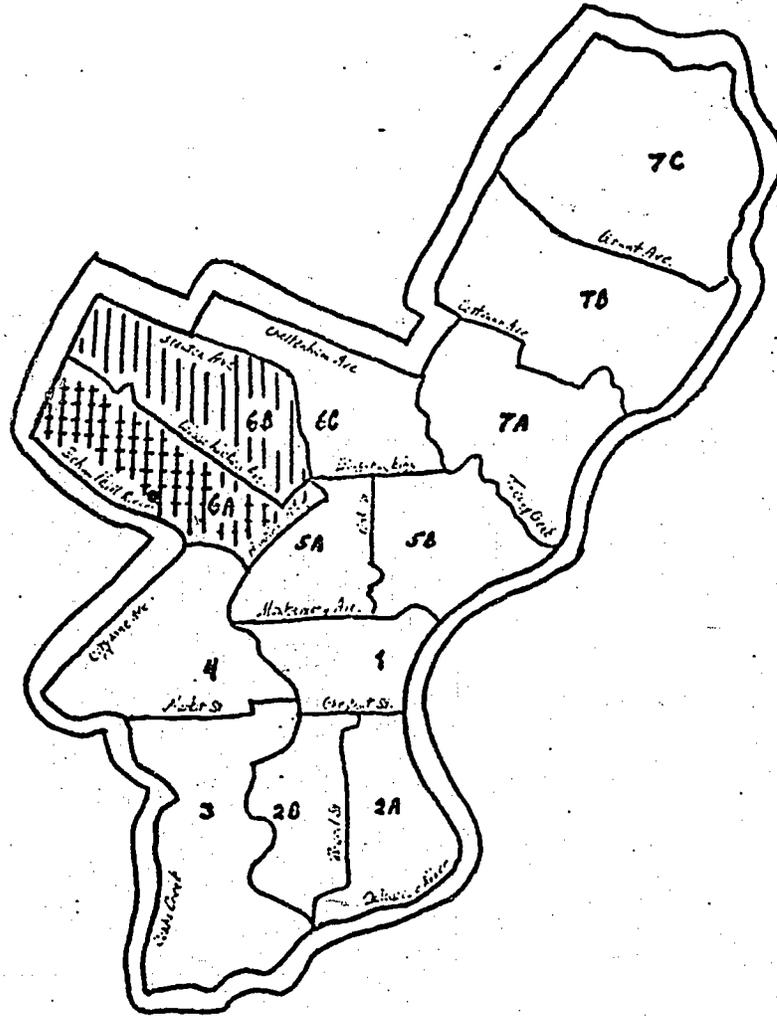
Catchment Areas 2A, 2B

Population 73,887

Serving Ages: 2 to 5.7 years

Figure 12

Geographical Area Served By
Roxborough - Ken Crest Center



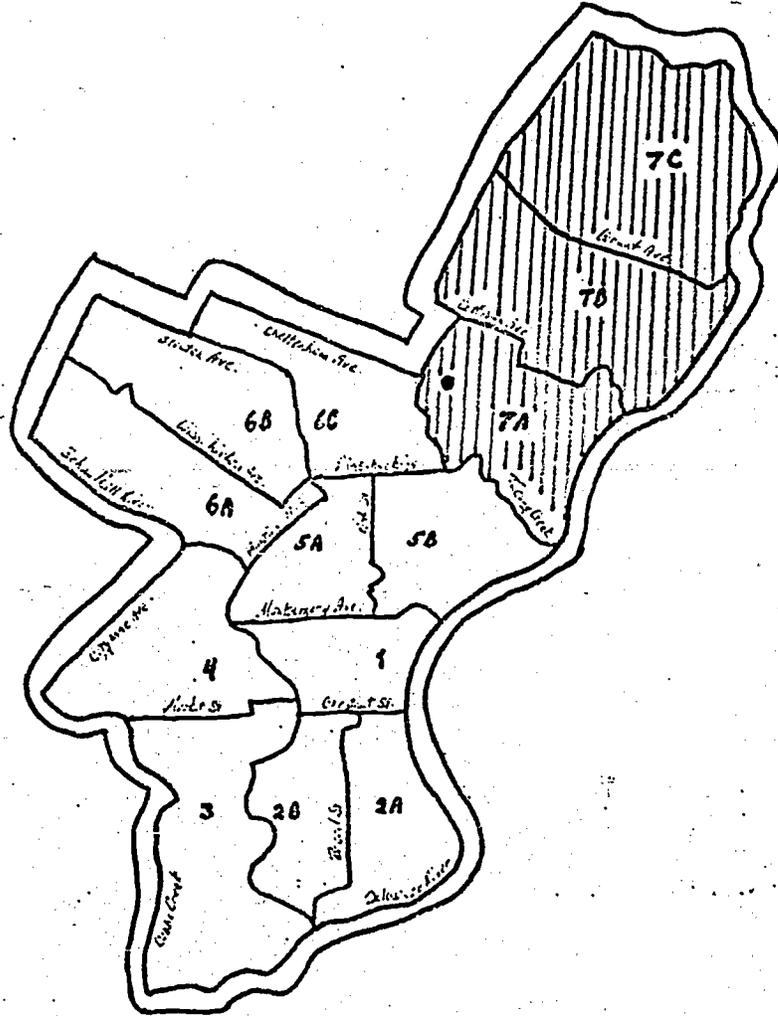
Catchment Areas 6A (Preschool)
6A and 6B (Infants)

Population 22,089
54,603

Serving Ages: Birth to 5.7 years

Figure 13

Geographical Area Served By
 Growth and Development Center
 of the
 North East Community MH/MR Center



Catchment Areas 7A, 7B, & 7C

Population 137,557

Serving Ages: 1 to 6 years

Figure 15

TABLE 10

A Rank Order of Specialized Centers Based Upon
the Number of Children Residing Within the Geographical
Area of Each Center

Center Name	Number of Children Under Age 18 Based on 1970 Census	Catchment Area(s)
Roxborough-Ken Crest (Preschool Only)	22,089	6A
Northwest Child Development	32,514	6B
Kensington-Ken Crest	50,182	5B
Child Guidance Center Developmental Disabilities	51,564	4 4
Roxborough-Ken Crest (Infants Only)	54,603	6A, 6B
Albert Einstein	55,059	6C
West Philadelphia Consortium	62,419	3
South Philadelphia-Ken Crest	43,887	2A, 2B
North Philadelphia-Ken Crest	79,180	5A
West Philadelphia-Ken Crest	113,983	3, 4
Growth & Development Center of the North East	137,557	7A, 7B, 7C
Hahnemann (2)	602,266	Entire City
St. Christopher Hospital		
Southern Home for Children		
United Cerebral Palsy		
Upsal Day School for the Blind		

Section IV: Day Care Centers in Relation to Catchment Areas in the City of Philadelphia, and their related Tract and Block Numbers, Capacity, Payment Status, Type and Auspice.

There are 191 Day Care centers (195 sites) located throughout the City of Philadelphia. The accompanying tables describe these centers in relation to Catchment Areas (CA's), and by type of program, payment status of participants (fee or non-fee) and by auspice (Title XX or Proprietary). The Day Care centers in each CA refer children to the Base Service Unit in the CA. These centers may be considered "Feeders" in the Mental Health and Mental Retardation network and serve an important early intervention function for children needing mental health services.

Thirteen tables (Tables 11-1 to 11-7C) are used to display the data for each Catchment Area (CA). A number (#1) or number and letter (#2A) in the tables correspond to the designation of the CA.

Each table provides specific information in the following order:

- a. the center license number issued by the Department of Public Welfare
- b. center name
- c. the census tract and block number for each center and site
- d. the center's or site's Day Care capacity established by DPW
- e. the payment status of the number of children in each center or site by auspice
- f. the type of day care program in terms of Infant-toddler, Preschool, School age, and SN designations by auspice.

Centers in each CA are listed chronologically by tract number, and then in alphabetical order when more than one center is in the same tract. The number of children given for "Day Care Capacity" does not equal the number of children under "Payment Status" because the former is the licensed capacity determined by the amount of space, while the latter is determined by the contractual arrangement. The number of children (both fee and non-fee) in Title XX centers were listed under the appropriate Title XX columns, while proprietary centers' children were listed in the adjacent column. For those centers serving both Title XX and non-Title XX children, the numbers were listed on the tables under the appropriate categories; when the number of non-Title XX children was unknown, only the Title XX portion of the table was completed, and "Private" was left blank.

The summary totals for each Catchment Area are presented in Table 11 for the City of Philadelphia. The number of day care children in Homes is included in this table, and the total under "Payment Status" shows the number of children in day care regardless of the type of program, setting, or auspice.

The following are definitions of terms used in the tables:

- Identification Number: The 11 digit number assigned by DPW to each center or site.
- Tract/Block Number: U. S. Census tract and block numbers in which the center or site is geographically located.
- Center: Name of center or site. (An asterisk indicates that there is more than one site for a center. A center underlined indicates a Title XX Specialized Center.)

Day Care Capacity: The center's site's capacity (space) for day care services.

Payment Status: Services are provided to families on a fee basis (parents pay for services) or a non-fee basis (families do not pay for services). Payment status is sub-classified further by auspice.

Auspice: Funding source of the center.

Title XX: A day care center receiving Title XX funds from DPW.
(All centers are licensed by DPW.)

Proprietary: A day care center receiving non-Title XX funds and operating on a profit or non-profit basis. (Some centers are licensed by DPW.)

Type of Program: The age grouping of children defines the type of program provided to families or children except those designated for special needs. The following codes identify the types of programs:

IT: Center provides services to infants and toddlers.

IT, PS: Center provides services to infants and toddlers and pre-school children.

IT, PS, SA: Center provides services to infants and toddlers, pre-school children, and school-age children.

PS: Center provides services to preschool children.

PS, SA: Center provides services to pre-school and school-age children.

SA: Center provides services to school-age children.

SN: Center provides services to children with special handicaps. From the Social Services Manual, Section 3-11-26 Lines 221-224, October, 1975, a special handicap is defined as "...a severe mental disability, severe developmental disability (mental retardation, cerebral palsy, epilepsy or other neurologically-based condition), or severe, physically crippling disability (including blindness and deafness). The disability must be documented, in writing, by a competent medical authority prior to a determination of eligibility."

Codes noted with type of program have the following meaning:

X: A Title XX licensed day care center.

P: A profit-making, proprietary, licensed day care center.

N: A non-profit, proprietary, licensed day care center.

U: A profit or non-profit, proprietary, unlicensed day care center.

(-): Parentheses around X, P, N, or U indicate that information is coded under both auspices.

The sources of data are (a) "Master Facility File" provided by the Department of Public Welfare (1/22/76), (b) "List of Day Care Contracted Slots, 1975-76" as of 1/13/76, (c) "Capacity and Number of Children in Get Set Day Care Centers" (December 1975) and (d) the telephone directory of the City of Philadelphia. In cases where the information regarding centers was unclear, telephone calls were conducted (December 1975 to March, 1976).

TABLE 11
CITY OF PHILADELPHIA

Total

Catchment Area	Day Care Capa- city	Payment Status			Auspice												
		Title XX		Pri- vate Fee	Title XX						Proprietary						
		Fee	Non- fee		Type of Program						Type of Program						
				IT	IT, PS	IT, PS, SA	PS SA	SA	SN	IT	IT, PS	IT, PS, SA	PS SA	SA	SN		
#1 Hahnemann Community MH/MR Center	1476	51202	242	0	1	1	10	9	2	2	0	0	1	1	1	0	0
#2A Hall-Mercer Community MH/MR Center of Pennsylvania Hospital	849	75 673	101	0	0	0	3	8	1	1	0	0	0	0	2	0	0
#2B Jefferson Community MH/MR Center	1003	0 873	129	2	0	0	3	10	1	1	0	0	0	0	1	0	0
#3 West Philadelphia Community MH/MR Consortium	840	2 575	238	0	0	0	4	6	0	2	0	1	0	2	4	0	0
#4 Community MH/MR Center of the Philadelphia Psychiatric Center	1452	0 1222	224	1	0	0	8	9	2	2	0	0	0	0	5	0	0
#5A North Central Community MH/MR Center	1472	2 1338	105	1	0	1	6	17	1	1	0	0	0	0	2	0	0
#5B Episcopal Community MH/MR Center	605	8 585	0	0	0	0	3	5	0	3	0	0	0	0	0	0	0
#6A Base Service Unit of Intercommunity Action, Inc. (INTERAC)	310	15 205	0	0	0	1	1	1	1	2	0	0	0	0	0	0	0
#6B Northwest Center for Community MH/MR Programs	993	0 806	160	0	0	0	3	7	2	2	1	0	0	0	4	0	0
#6C Albert Einstein Community MH/MR Center	400	0 51	323	0	0	0	1	0	0	0	0	1	2	0	5	1	0
#7A Northeast Community MH/MR Center	345	0 253	72	0	0	0	2	0	2	1	0	0	0	0	2	0	0
#7B P.A.T.H. (People Acting To Help), Inc.	107	0 18	62	0	0	0	0	0	2	0	0	0	0	1	1	0	0
#7C Benjamin Rush Center for Community MH/MR Programs	350	49 122	44	0	0	0	1	1	0	0	0	0	0	0	0	0	0
City of Philadelphia (excluding children in homes)	10104	163 7923	1700	4	1	3	45	73	14	17	1	2	3	4	27	1	0
Children In Day Care Homes	525	44 481	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
City of Philadelphia	10629	207 8404	1700	4	1	3	45	73	14	17	1	2	3	4	27	1	0

81

85

86

Section V: Summary and Conclusion

Four sets of data have been provided. Section I provided the estimated number of low income children with special conditions by the 13 CA's and for the city. It also identified the CA's most in need of services. Section II provided the median income of census tracts in relation to Title XX income levels and target CA's were identified by median income. Section III presented the geographical boundaries of the Title XX specialized centers. Finally, Section IV identified the Day Care centers located in each CA. These "feeder" centers were included for additional information.

These sets of data can be used to develop additional information. Two examples are now presented to show this potential use of the data. The two examples focus on estimated availability of Mental Health-Mental Retardation services (MH/MR) for low income children with special needs (LIC/SN) and estimated distribution of LIC/SN attending a Specialized Center within each CA.

Both examples were developed with the assumption that the parent or parents of the children in every area have identical characteristics. Thus it is assumed that parents are equally concerned about the child's welfare and quality of care, knowledgeable of child development and of the consequences if services are not received, desire the services of the agency, and have equal access to special services (e.g., there are no transportation problems).

Example 1 is designed to determine if the availability of services is proportionately distributed in the 13 CA's. If the ratio varies, it also identifies which CA's will need to increase or decrease services. To determine the ratio of LIC/SN to the number of day care slots in the child's CA residence, information is taken from Sections I, III, and IV.

The computations are shown for each column in Table 12.

Column 1: Table 8-A, Columns 2 and 3

Column 2: Table 6, column 6

Column 3: Percentage of LIC/SN residing in the CA is determined by:

$$\frac{\text{Total number of LIC/SN}}{\text{Total number of LIC/SN in the 13 CA's or City}}$$

Column 4: Total number of slots authorized by DPW to the 6 centers are summed and then multiplied by the percentage of LIC/SN residing in CA for each CA.

Column 5: a) The total number of slots authorized by DPW for each center servicing a CA is identified.

b) If a center services more than one CA but not the entire city, the number of LIC/SN are summed for the CA's involved, then the number of slots allocated to the center serving the CA's involved is multiplied by the percentage of LIC/SN in each CA composing the group.

Column 6: Sum of all the slots in columns 4 and 5

Column 7: Ratio of services is determined by:

$$\frac{\text{Number of LIC/SN in each CA}}{\text{Number of day care slots in the CA}} \quad \text{or} \quad \frac{\text{Column 2}}{\text{Column 6}}$$

The results show that the availability of services varies within each relative priority group and among all 13 CA's. The largest ratio indicates that more children must compete for the same space. The larger ratios are found in Priority groups I and III.

The results suggest that the services are unequally distributed throughout the CA's and that CA's with the children most in need of services tend to be CA's with the lowest number of available services. To equalize the ratio (e.g., if the ratio of 27/1 is deemed the desirable level of service) then services to children in CA's with ratios greater than 27/1 will need to be increased, and CA's with ratios less than 27/1 could be maintained or decreased.

TABLE 12

An Example of How the Data could be Used:
 Determining if the Availability of Services for Special Needs
 Children is Proportionately Distributed Across the Catchment Areas

Catchment Area	Number of Low Income Children with Special Needs (Ages Birth-17)		Number of Day Care slots for 6 centers Serving Entire City	Number of Day Care Slots for Centers Serving Specific CA	Total Day Care Space	Child Day Care Ratio
	Number	Percentage				
5A	2470	24	50	41	91	27/1
1	1655	16	33	0	33	50/1
4	1140	11	23	95	118	10/1
5B	890	10	21	22	43	21/1
2B	885	9	19	24	43	21/1
3	870	9	19	51	70	12/1
2A	605	6	12	16	28	22/1
6B	415	4	8	53	61	7/1
6C	390	4	8	58	64	6/1
7A	340	4	8	29	37	9/1
6A	245	2	4	10	14	18/1
7B	160	2	4	14	18	9/1
7C	80	1	2	7	9	9/1

Example 1 focused on the ratio of total services available to LIC/SN regardless of specific type of special condition. From the composite data, it is also possible to estimate the distribution of children who could attend a center. The example (Table 13) looks at one special condition, visually handicapped, and the Title XX specialized center serving the special condition.

Table 13 is a composite of information taken from Sections I, III, and IV. The computations/sources of data are shown for each column in Table 13:

Column 1: Catchment areas are identified chronologically

Column 2: Tables 6-1 to 6-7C, line item special condition 8 (visually handicapped) and column 6

Column 3: Percent of children visually handicapped residing in the CA is determined by:

$$\frac{\# \text{ visually handicapped in CA}}{\# \text{ visually handicapped in 13 CA's or City}}$$

Column 4: Number of children to attend center is derived by:

$$\text{Percent of visually handicapped residing in CA} \\ \text{multiplied by number of day care slots authorized} \\ \text{by DPW for Upsal Day School for the Blind (Table 10-6B)}$$

The results show that children who attend the center are primarily from two CA's. These two CA's compose one-half of the number of children who attend Title XX Upsal Day School for the Blind (Day Care). The remaining half is distributed among 8 CA's and none are from 3 CA's. The table may be useful to Upsal Day School as a guide to determine how to allocate their 40 day care slots proportionately throughout the 13 CA's, given all variables are equal.

Both these examples have shown how to make further use of the composite data. It is re-emphasized that the estimations in each example are theoretical and are not necessarily explicit recommendations for action.

TABLE 13

An Example of How the Data Could Be Used to
 Estimate the Number of Visually Handicapped Low Income
 Children From Each Catchment Area Who Could Attend
 Upsal Day School for the Blind

Catchment Area	Estimated Visually Handicapped Low Income Children		Estimated Portion of Low Income Children who Could be Attending the Center from each CA.
	Number	Percent	
1	20	22.2%	9
2A	5	5.6%	2
2B	5	5.6%	2
3	5	5.6%	2
4	10	11.1%	4
5A	25	27.8%	11
5B	5	5.6%	2
6A	0	0.0%	0
6B	5	5.6%	2
6C	5	5.6%	2
7A	5	5.6%	2
7B	0	0.0%	0
7C	0	0.0%	0
Total	90	100.3%	38