To The Graduate Council:

I am submitting herewith a thesis written by Chun Chang entitled "Proportions of Tennessee 4-H Member in Explorer, Junior, Junior High, and Senior Audience Tennessee 4-H Standard Four, FY 1978." I recommend that it be accepted in partial fulfillment of the requirements for the degree of Master of Science, with a major in Agricultural Extension.

Robert S. Dotson, Major Professor

We have read this thesis and recommend its acceptance:

Accepted for the Council:

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PROPORTIONS OF TENNESSEE 4-H MEMBER IN EXPLORER, JUNIOR, JUNIOR HIGH, AND SENIOR AUDIENCE TENNESSEE 4-H STANDARD FOUR, FY 1978

A Thesis

Presented for the

Master of Science

Degree

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Chun Chang

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ABSTRACT

This descriptive, analytical study was undertaken in an effort to study the situation regarding Tennessee's 4-H Standard Four, which suggests an audience mix of 20 percent Explorers, 40 percent Juniors, 30 percent Junior High members, and 10 percent Seniors, for FY 1978.

Data were obtained from State 4-H Report Summaries, TEMIS printouts, and Tennessee School enrollment summaries.

Major findings included the following:

1. Though 81 percent of all county 4-H staffs planned work under the four primary audiences, more than one-third of time planned was under General 4-H and other audience headings.
2. Percents of time planned in FY 1978 were 7.7 percent for Explorers; 18.9 percent for Juniors; 20.2 percent for Junior High; and 16.6 percent for Seniors.
3. Percent of time spent in FY 1978 were 3.7 percent for Explorers; 14.1 percent for Juniors; 16.2 percent for Junior High; and 15.4 percent for Seniors.
4. Percents of contacts made in FY 1978 were 7.4 percent for Explorers; 23.0 percent for Juniors; 17.4 percent for Junior High; and 6.5 percent for Seniors.
5. Percent of actual actual enrollments in FY 1978 were 21.3 percent for Explorers; 46.0 percent for Juniors; 29.2 percent for Junior High; and 3.6 percent for Seniors.

6. Suggested 1983 enrollments had already been achieved in FY 1978 for 42 counties overall, 40 for Explorer, 49 for Junior, 49 Junior High, and 7 Senior.
7. Projected 1983 school enrollments showed that there should be enough school enrollments in 1983 for all districts and audiences but Extension Supervisory District IV in the Explorer audience. Numbers of counties under all but the Senior audience showed deficits between suggested 1983 goals and 1983 school enrollment figures for those of 4-H age.

Standard Four was found to offer useful guidelines for Extension planners and the Senior 4-H audience was identified as the one needing greatest attention with only 3.5 percent of the 4-H members enrolled. Implications were drawn and recommendations made for use of findings and further research.

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CHAPTER I

INTRODUCTION

A. BACKGROUND OF THE STUDY

In a classic study of 4-H Standards developed and used in Tennessee for 4-H planning and evaluative purposes, Batsford (1:5)* noted the merits of a proposed standard (i.e. referred to as Standard Four) which states that proportions of the total 4-H enrollment should consist of 20 percent Explorer (i.e. 4th grade) members, 40 percent Juniors (i.e. grades 5 and 6), 30 percent Junior High (i.e. grades 7, 8, and 9) members and 10 percent Seniors (i.e. grades 10, 11, and 12). Four-H members range in ages from nine years to 18 years, generally. Batsford went on to develop suggested enrollment goals for counties, districts and the State for each of the audiences and, using 1975 data, projected them to 1981.

The principal merit of Tennessee Extension 4-H Enrollment Standard Four was seen to reside in its utility to provide a well-balanced mix of youth of the different 4-H ages and to make for complementary and supplementary efforts with the four major 4-H audiences included. It does not include inventory of the Extension-related, Tennessee Farm Bureau-sponsored, Young Farmers and Homemakers program for out-of-school youth aged 18-28 years.

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*Numbers in parentheses refer to alphabetically listed references in the Bibliography; numbers after the colon refer to page numbers.

Batsford (1:108) noted that a disproportionately large part of the 4-H enrollment in most areas of the state was in the Junior audience and that Seniors were poorly represented, while nationally the suggested percents were more nearly correct (i.e. 19 percent Explorers, 35 percent Juniors, 32 percent Junior High, and 13 percent Seniors). Batsford (1:110) further suggested application of 4-H Standard Four to Tennessee planning situations and further analysis and development of information useful in determining educational programs for youth in the state. To these ends the present study were directed. Findings should be useful to 4-H planners at all levels in Tennessee.

B. PURPOSES OF THE STUDY

The purposes of the study, then, were:

1. To relate 4-H data to Tennessee 4-H Standard Four, that proportions of 4-H members should approximate 20 percent Explorers, 40 percent Juniors, 30 percent Junior High members and 10 percent Seniors, and to determine the situation for counties, districts, and the State.

2. To study 4-H agent time planned and spent and contacts made in conducting 4-H work in FY 1978 with Explorers, Juniors, Junior High members and Seniors, and Totals.

3. To determine and compare the 1983 projected school enrollments and 1983 suggested enrollment goals by 4-H audiences according to counties, districts and the state with actual 4-H enrollments for Explorers, Juniors, Junior High members, Seniors, and totals for FY 1978.

C. DEFINITIONS OF TERMS

The following definitions of terms will apply throughout the remainder of the body of the thesis:

1. Explorers will refer to 4th grade 4-H members regularly enrolled and attending meetings as reported by staff members on appropriate State forms. They constitute a 4-H audience.

2. Juniors will refer to 5th and 6th grade 4-H members as defined for Explorers above.

3. Junior High members will refer to 7th, 8th, and 9th grade 4-H members as defined for Explorers above.

4. Seniors will refer to 10th, 11th, and 12th grade 4-H members as defined for Explorers above.

5. Audience refers to TEMIS-defined headings including the following: Youth (4-H) General; Explorers; Juniors; Junior Highs; Seniors; Special Program in Foods for Youth (SPIFFY); Youth/Adult (4-H); Young Farmers and Homemakers (YF&H); Other Youth; Youth/Adult (Other); Leaders (Volunteer, Adult); Leaders (Volunteer, Adult, Jr. and/or Teen) and Leaders (Volunteer, Junior and/or Teen).

6. Tennessee Extension Management Information System (TEMIS) is a modification of the SEA-USDA State Extension Management Information System (TEMIS) developed to serve the specific statistical reporting needs of the Tennessee Agricultural Extension Service and SEA-USDA (12:1).

7. Annual Plan of Work (POW). The written end product of annual planning is called the Annual Plan of Work (POW). Major elements of the annual plan of work (POW) include: 1) priority 5-year participation goals selected for each work area and audience; 2) corresponding annual goals designed and sharpened up to help agents attain 5-year participation goals; 3) supporting statements explaining why goals are important; 4) TEMIS codes for project area, major component, state purpose, primary subject, primary audience, primary teaching method and agent responsible; 5) agent days planned for each annual goal; 6) dates when the work will be done and 8) evaluative techniques to be used to check progress.

8. Weekly Activity Report refers to the form completed weekly by 4-H and other Extension workers that records every activity of 31 minutes or more spent in assigned and other work in detail.

9. Primary Youth Audiences will include Explorers, Juniors, Junior High members, and Seniors. Other audiences are not included in Tennessee 4-H Standard Four.

10. Tennessee Agricultural Extension Supervisory Districts (see Figure 1).

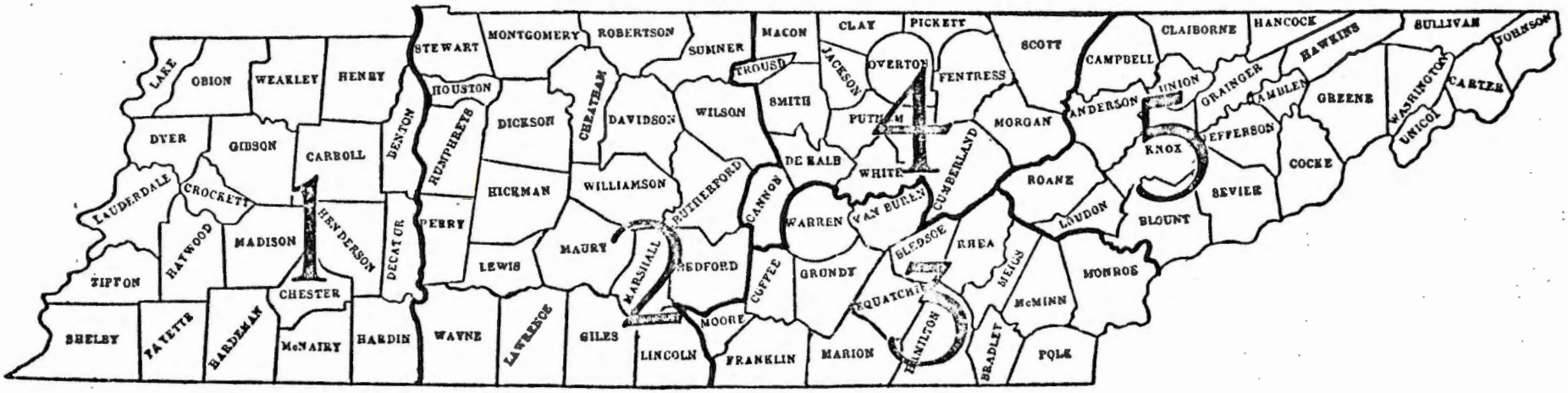


Figure 1. Map of the State of Tennessee showing the Agricultural Extension Supervisory Districts.

CHAPTER II

REVIEW OF RELATED LITERATURE

Related literature related to the purposes of the study was reviewed and this chapter developed under those main purposes spelled out earlier.

A. TENNESSEE 4-H STANDARD FOUR: PROPORTIONS OF 4-H MEMBERS SHOULD APPROXIMATE 20 PERCENT EXPLORERS, 40 PERCENT JUNIORS, 30 PERCENT JUNIOR HIGH MEMBERS AND 10 PERCENT SENIORS

In "Youth Audiences Redefined" Powell (7) explains the five Tennessee 4-H Audience plan and gives seven advantages of this breakdown. These advantages include:

1. Members are grouped more nearly according to their developmental tasks.

2. Members compete with members of similar ability, thus making programs more effective.

3. Members have more levels for which to strive, especially in competition. More members receive recognition for competing.

4. This plan encourages agents and leaders to organize members into clubs by audience. Also, club meeting presentations can be planned to meet the needs of a specific audience.

5. The largest drop-out in 4-H occurs between eighth and ninth grades; the next largest between ninth and tenth grades. Grouping the 7-8-9 grades together and 10-11-12 grades together will help decrease the dropout rate.

6. This system enables the Extension staff to study different youth audiences each of the five years when revising the Plan of Work Projection (POWP).

7. This system fits the pattern toward which many Tennessee school systems have moved (i.e. Grades 6-3-3).

In "Guidelines for Determining 4-H Youth Participation Goals" (10), the specific recommendations are made for the allocation of total 4-H enrollment per 4-H audience which is referred to as 4-H Standard Four. These recommendations include the following: Explorers (i.e. grade 4) 20 percent; Juniors (i.e. grades 5 and 6) 40 percent; Junior High (i.e. grades 7, 8, and 9) 30 percent; Seniors (i.e. grades 10, 11, and 12) 10 percent; and Young Farmers and Homemakers, no specific recommendations are made.

Warren (13:71), in his 1972 Tennessee study of the influence of selected factors on the level of 4-H participation by seventh, eighth, and ninth grade boys and girls in Cannon County, Tennessee, felt that since 4-H'ers who joined at an early age or grade had higher participation levels, participation might be increased by enrolling a greater proportion of boys and girls when they first become eligible for 4-H membership. Some of the factors that he studied were: age when first joined, interest, and family background.

Jayaramaiah (5:188) found that selected authorities agreed that youth participate best in 4-H when grouped according to their stage of development. He suggested that county staffs consider suggested Tennessee Standards in developing goals for each of their 4-H audiences

(5:195). Panels used in his study agreed that minimum enrollment (participation) goals should be stated for each county 4-H audience and gave as examples: Explorers (i.e. grade 4) 20 percent, Juniors (i.e. grades 5 and 6) 40 percent, Junior Highs (i.e. 7, 8, and 9) 30 percent, and Seniors (i.e. grades 10, 11, and 12) 10 percent (5:193).

National figures in 1975 showed total membership for those ages nine years and under to be 19 percent, for those 10 and 11 to be 35 percent, for those 12, 13, and 14 years to be 32 percent, and for those 15 and over to be 14 percent (3:2, 3).

According to Batsford's (1:5) study purposes, he wanted to consider the possible utility of establishing as an additional standard his proposed 4-H Standard Four, that the county enrollment should be made up of the approximate mix presented earlier. He (1:108) found that:

1. Actual numbers and percents of the four Tennessee 4-H audiences showed that on a state-wide basis the Junior audience made up a disproportionately high part, 45 percent of the total enrollment in 1975, while the Seniors made up a relatively low 4.2 percent.

2. National figures were comparatively close to the proposed 20 percent, 40 percent, 30 percent and 10 percent mix with an estimated 19 percent Explorers (i.e. using nine years and under for estimation), 35 percent Juniors (i.e. using ages 10 and 11 years), 32 percent Junior Highs (i.e. using ages 12-14 years), and 13 percent Seniors (i.e. using ages 15-18).

3. Tennessee's Senior audience made up a much smaller proportion of enrollment 4 percent, than was the case for the Nation, 13 percent.

4. Tennessee's proposed audience mixes for 1981 showed changes needed in all audience areas. Explorer levels showed the need for a slight increase of 810 youth to 1981, Junior levels showed the need for little change, possibly 352 fewer, Junior High levels needed an increase of 7,334 youth to reach the proposed levels and Senior levels also needed an increase of 11,738 youth, by 1981, if the proposed enrollment mix was to be reached.

His proposal recommended 4-H Standard Four for use in the State. Implications were that:

1. Counties should strive to achieve the proposed enrollment mix.

2. The Senior audience was weak in comparison to other audiences across the State.

3. County program emphasis should be placed on the Senior audience in an attempt to build Senior enrollment to a proper level.

Thus, he recommended that the findings presented in his study be considered for use in the following phases of the Tennessee 4-H Youth Development Program:

1. Allocation of staff and resources. Putting the right number of agents in the right county with a proper work load.

2. Five-Year Extension program planning. One of the most important uses of these standards could be in aiding counties through the planning process, especially Five-Year Extension planning for the Plan of Work projection (POWP) and Plan of Work (POW). He noted that the 4-H Standards outlined in his study could help county staffs and

and county Extension committees take a realistic look at 4-H participation, organization, and leadership and arrive at attainable goals as they worked through the planning process. Though the four 4-H Standards could be met, it would take concentrated efforts in some counties. As one standard is met and that goal achieved the next could be tackled until all become attained and made basic to the county 4-H program. He believed that only through careful five-year and annual planning could this be achieved.

B. FOUR-H AGENT TIME PLANNED, SPENT AND CONTACTS MADE

McBroom (6) made the first study using Tennessee Extension Management Information System (TEMIS) data including 4-H agent time planned and spent and contacts made. He found that 4-H agents in the state planned to spend 31,601 agent days in FY 1971, but spent 37,584 agent days. This was because agents were instructed to plan 60 to 80 percent of their work in the FY 1971 Annual Plan of Work (POW). Thus, they actually had planned 84 percent of time spent in FY 1971 (6:42). This was about 20 percent of all Tennessee Extension time spent in FY 1971. Also, 4-H agents made 2,821,293 contacts that year, about 52 percent of all contacts made by Tennessee Extension workers (6:81).

When districts were compared, it was found that agent days devoted to 4-H work ranged from 3,884 in District IV to 8,605 days in D strict II (6:90). Contacts in FY 1971 ranged from 250,526 in District IV to 715,328 in District II (6:92). County data were not available for the McBroom study nor was analysis purposed. Breakdowns for the four primary 4-H audiences also were absent in that first study.

C. PROJECTED SCHOOL ENROLLMENTS AND SUGGESTED ENROLLMENT GOALS BY AUDIENCE

Batsford (1:52) projected potential school enrollments from census data and state school enrollment figures for the time period 1965 and 1975 so he might compare them with enrollment goals he suggested for 1981 based on the five following criteria:

1. Criterion one, the percent that the rural youth population (farm plus rural nonfarm) of Junior 4-H Club ages (i.e. 9-12 years) in the county was of the total youth population in the same age bracket.

2. Criterion two, the percent that the number representing 65 percent of the farm youth population of 4-H ages (i.e. 9-19 years) in the county would be of the anticipated enrollment at the standard rate of 1,000 members per full time staff equivalent (F.S.E.).

3. Criterion three, the relative economic status of the county in 1965 and 1974, respectively, in terms of per capita personal income compared to State, Regional and National averages.

4. Criterion four, the number of the "basic four" organizations reported to be active in the county, namely 4-H All Stars, County 4-H Club Leaders' Organization, County 4-H Honor Club and County 4-H Club Citizens' Committee.

5. Criterion five, the present (i.e. 1965 or 1975) total 4-H club membership per F.S.E. assigned 4-H responsibility in the county.

Further, Batsford (1:88) computed for every county, district and the State the suggested enrollment goals for 1981 - showing shortages and surpluses as of the date used in his writing, FY 1975. He

found that 43 of the 94 Tennessee counties with 4-H (i.e. nine of 20 in District I; seven of 22 in District II; six of 16 in District III; six of 15 in District IV and 15 of 21 in District V) had already attained or surpassed 1981 suggested goals by FY 1975. Lake County in District I did not have a 4-H program.

A study of individual audiences showed that 33 counties of the 94 had already attained suggested 1981 Explorer goals, 36 had reached Junior goals, 39 had reached Junior High goals, and eight had attained Senior goals (1:88-93).

Batsford did not break projections down by audience group, but projections for 1975 did exceed total suggested 1981 enrollment goals for all counties (1:52-56).

CHAPTER III

METHODS OF PROCEDURE

A. SCOPE AND NATURE OF THE STUDY

The scope of this study was limited to analyses of FY 1978 data related to Tennessee 4-H Standard Four from the State Summary of 4-H Form 437 (9), TEMIS printouts (11) and Tennessee School Enrollment Summaries (8). Data from an earlier study by Batsford (1) also were rechecked, updated and compared as appropriate.

Projections for Tennessee 4-H audiences were made in an effort to provide Extension planners with clear guidance for goals for the right audience mix in 1983.

Interviews with the researcher's committee members and others with knowledge of the Tennessee approach to 4-H program development also provided useful information.

B. HANDLING OF DATA

Information regarding time planned and spent and contacts made was provided by Dr. Billy Hicks, Assistant Dean, Tennessee Agricultural Extension Service, and his staff. Summaries were made by district and for the State and counties totaled separately according to district for the important 4-H audiences. Tables showing differences between 4-H time planned and expended were developed by actual numbers and revised percents of 4-H agent days.

Actual FY 1978 4-H enrollments for the various audiences were computed based on appropriate grade level data from state summaries and tabled. Potential 4-H audience figures for 1983 were projected from the latest school enrollment data and tabled. Suggested 1983 4-H enrollment goals were computed and tabled for 4-H audiences and totals by counties, districts and for the State.

Comparisons were then made between actual FY 1978 enrollments, projected 1983 school enrollments and suggested 1983 enrollment goals to ascertain whether or not goals were attainable and reasonable. Special handling of data was required in a number of occasions to permit desired comparisons and discussion. No statistical analyses were made.

CHAPTER IV

FINDINGS OF THE STUDY

Study findings will be presented in this chapter according to the purposes set forth for the investigation. All data presented will be related to Tennessee Extension's Proposed 4-H Standard #4: Proportions of 4-H members should approximate 20 percent Explorers, 40 percent Juniors, 30 percent Junior Highs, and 10 percent Seniors. Separate sections of the presentation will deal with 4-H agent time planned and spent and contacts made with the various 4-H audiences, with 1978 4-H enrollments for the audiences, 1983 potentials and 1981 suggested enrollments by counties, districts and the State.

A. AGENT TIME PLANNED, FY 1978

Tables I - VII include data showing 4-H agent time planned by Tennessee Extension personnel in the FY 1978 Plan of Work (POW) by 4-H audience. Tables I and II present district and State summaries, while Tables III - VII show county summaries for the five Extension supervisory districts.

Discussion of State Totals

Reference to Table I discloses that 4-H agents in the State planned to spend a total of 31,312 agent days in 4-H work with the various 13 audiences listed, a total of 19,847 agent days, or 63.38 percent of the 31,312 days, to be devoted to the four primary audiences in FY 1978. Time planned for work with Explorers was 2,410 agent days,

TABLE I

NUMBERS AND PERCENTS OF TENNESSEE 4-H AGENT DAYS PLANNED BY TEMIS AUDIENCE CATEGORY ACCORDING TO DISTRICT AND STATE TOTALS, FY 1978

District		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
District I															
All Aud.	No.	6932	39	314	97			64	41	518	1070	1356	1649	386	1398
	%	100.0	0.56	4.53	1.40			0.92	0.59	15.44	19.56	23.79	5.57	30.17	20.17
Four Primary Aud.	No.	4461									1070	1356	1649	386	
	%	100.0									23.99	30.40	36.96	8.65	
District II															
All Aud.	No.	7631	36	337	115	11		60	119	403	1336	1879	1464	727	1144
	%	100.0	0.47	4.42	1.51	0.14		0.79	1.56	5.28	17.51	24.62	19.18	9.53	14.99
Four Primary Aud.	No.	5406									1336	1879	1464	727	
	%	100.0									24.71	34.76	27.08	13.45	
District III															
All Aud.	No.	5426	18	107	65	20	15	42	91	722	723	723	665	426	1809
	%	100.0	0.33	1.97	1.20	0.37	0.28	0.77	1.68	13.31	13.32	13.32	12.23	7.85	33.34
Four Primary Aud.	No.	2537									723	723	665	426	
	%	100.0									28.50	28.50	26.21	16.79	
District IV															
All Aud.	No.	4225	11	51	41	10		51	332	617	564	600	460	198	1281
	%	100.0	0.26	1.21	0.97	0.24		1.21	7.86	14.60	13.35	14.20	10.89	4.69	30.32
Four Primary Aud.	No.	1831									564	600	460	198	
	%	100.0									30.95	32.93	25.25	10.87	
District V															
All Aud.	No.	7098	61	373	104	30	9	116	6	623	1495	1762	1693	673	153
	%	100.0	0.86	5.26	1.47	0.42	0.13	1.63	0.08	8.78	21.06	24.82	23.85	9.48	2.16
Four Primary Aud.	No.	5623									1495	1762	1693	673	
	%	100.0									26.59	31.33	30.11	11.97	
STATE	No.	31312	166	1182	422	71	24	333	589	2883	5186	6320	5931	2410	5785
	%	100.0	0.53	3.77	1.35	0.23	0.08	1.06	1.88	9.21	16.56	20.18	18.94	7.70	18.48
	No.	19847									5186	6320	5931	2410	
	%	100.0									26.13	31.85	29.88	12.14	

*Rows or Lines are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE II

AVERAGE NUMBERS OF TENNESSEE 4-H AGENT DAYS PLANNED PER COUNTY, AND RANGES, ACCORDING TO DISTRICT AND STATE TOTALS, FY 1978

Audience Grouping	State Total	District I	District II	District III	District IV	District V
All 4-H Audiences						
Average Per County	333	347	347	339	282	338
Range in Averages Per County	101-1547	146-776	113-1547	107-720	147-388	101-583
Four Primary Audiences						
Average Per County	211	223	246	159	122	268
Range in Averages Per County	0-1002	0-431	0-1002	46-352	3-361	93-458

TABLE III

NUMBERS AND PERCENTS OF DISTRICT I 4-H AGENT DAYS PLANNED BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County*		Total **	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Benton	1.	146						14	14		16	22	22	6	52
	2.	100.0						9.59	9.59		10.96	15.07	15.07	4.11	35.61
	3.	66									16	22	22	6	
	4.	100.0									24.24	33.33	33.33	9.09	
Carroll	1.	343	6		1					80	37	70	142	7	
	2.	100.0	1.75		0.29					23.32	10.79	20.41	41.40	2.04	
	3.	256									37	70	142	7	
	4.	100.0									14.15	27.34	55.47	2.74	
Chester	1.	221									31	22	19	18	131
	2.	100.0									14.03	9.95	8.60	8.14	59.28
	3.	90									31	22	19	18	
	4.	100.0									34.45	24.44	21.11	0.20	
Crockett	1.	194							10		15				169
	2.	100.0							5.16		7.73				87.11
	3.	15									15				
	4.	100.0									100.0				
Decatur	1.	449		3	7			13		74	108	157	76	16	
	2.	100.0		0.67	1.56			2.89		16.48	22.94	34.97	16.93	3.56	
	3.	352									103	157	76	16	
	4.	100.0									29.26	44.60	21.59	4.55	
Dyer	1.	491		25				8		89	129	130	92	18	
	2.	100.0		5.09				1.63		18.13	26.27	26.48	18.74	3.66	
	3.	369									129	130	92	18	
	4.	100.0									34.96	35.23	24.93	4.88	
Fayette	1.	351							11		70	113	105	52	
	2.	100.0							3.13		19.94	32.19	29.92	14.82	
	3.	340									70	113	105	52	
	4.	100.0									20.59	33.24	30.88	15.29	
Gibson	1.	400		12	6			8	5	88	79	96	103	3	
	2.	100.0		3.00	1.50			2.00	1.25	22.00	19.75	24.00	25.75	0.75	
	3.	281									79	96	103	3	
	4.	100.0									28.11	34.16	36.66	1.07	
Hardeman	1.	241						4			54	78	75	30	
	2.	100.0						1.66			22.41	32.36	31.12	12.45	
	3.	237									54	78	75	30	
	4.	100.0									22.78	32.91	31.65	12.66	
Hardin	1.	231		1	18					2	63	75	56	16	
	2.	100.0		0.43	7.79					0.87	27.27	32.47	24.24	6.93	
	3.	210									63	75	56	16	
	4.	100.0									30.00	35.71	26.67	7.62	
Haywood	1.	454		1	22						57		352	22	
	2.	100.0		0.22	4.85						12.56		77.53	4.85	
	3.	431									57		352	22	
	4.	100.0									13.23		81.67	5.10	

Table III (Continued)

County*		Total **	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Henderson	1.	350	3	8	13				1		78	92	123	31	1
	2.	100.0	0.86	2.29	3.71				0.29		22.28	26.28	35.14	8.86	0.29
	3.	324									78	92	123	31	
	4.	100.0									24.07	28.40	37.96	9.57	
Henry	1.	408		18	5					120	43	86	96	40	
	2.	100.0		4.41	1.23					29.41	10.54	21.08	23.53	9.80	
	3.	265									43	86	96	40	
	4.	100.0									16.23	32.45	36.23	15.09	
Lauderdale	1.	280	16								85	95	84		
	2.	100.0	5.71								30.36	33.93	30.00		
	3.	264									85	95	84		
	4.	100.0									32.20	35.98	31.82		
Madison	1.	326	11	20				17			41	23		25	189
	2.	100.0	3.37	6.13				5.21			12.58	7.06		7.67	57.98
	3.	89									41	23		25	
	4.	100.0									46.07	25.84		28.09	
McNairy	1.	324		15	10						57	125	80	11	26
	2.	100.0		4.63	3.09						17.59	38.58	24.69	3.40	8.02
	3.	273									57	125	80	11	
	4.	100.0									20.88	45.79	29.30	4.03	
Obion	1.	310		8						5	62	89	88	58	
	2.	100.0		2.58						1.61	20.00	28.71	28.39	18.71	
	3.	297									62	89	88	58	
	4.	100.0									20.87	29.97	29.63	19.53	
Shelby	1.	776		142						60					574
	2.	100.0		18.30						7.73					73.97
	3.	0													
Tipton	1.	309		34	10									9	256
	2.	100.0		11.00	3.24									2.91	82.85
	3.	9												9	
	4.	100.0												100.0	
Weakley	1.	328	3	27	5						50	83	136	24	
	2.	100.0	0.92	8.23	1.52						15.24	25.31	41.46	7.32	
	3.	293									50	83	136	24	
	4.	100.0									17.06	28.33	46.42	8.19	
District I Total	1.	6932	39	314	97			64	41	518	1070	1356	1549	386	1398
	2.	100.0	0.56	4.53	1.40			0.92	0.59	7.47	15.44	19.56	23.79	5.57	20.17
	3.	4461									1070	1356	1549	386	
	4.	100.0									23.99	30.40	36.96	8.65	

*Lake County does not have 4-H program

**Rows are as follows:

1. Number in all 13 audiences
2. Percent in all 13 augiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE IV

NUMBERS AND PERCENTS OF DISTRICT II 4-H AGENT DAYS PLANNED BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Totals	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Bedford	1.	222		16							81	56	47	22	
	2.	100.0		7.21							36.49	25.22	21.17	9.91	
	3.	206									81	56	47	22	
	4.	100.0									39.32	27.18	22.82	10.68	
Cheatham	1.	113									23	39	31	20	
	2.	100.0									20.35	34.51	27.44	17.70	
	3.	113									23	39	31	20	
	4.	100.0									20.35	34.51	27.44	17.70	
Davidson	1.	1547		72	10					93	113	270	413	206	370
	2.	100.0		4.65	0.65					6.01	7.30	17.45	26.70	13.32	23.92
	3.	1002									113	270	413	206	
	4.	100.0									11.28	26.94	41.22	20.56	
Dickson	1.	172						4							168
	2.	100.0						2.33							97.67
	3.	0													
Giles	1.	256	8	11	6	9			8		56	49	56	53	
	2.	100.0	3.12	4.30	2.34	3.52			3.12		21.88	19.14	21.88	20.70	
	3.	214									56	49	56	53	
	4.	100.0									26.17	22.90	26.17	24.76	
Hickman	1.	314		22	5			9	5	70	30	124		20	29
	2.	100.0		7.01	1.59			2.87	1.59	22.29	9.55	39.49		6.37	9.24
	3.	174									30	124		20	
	4.	100.0									17.24	71.27		11.49	
Houston	1.	130		15						37	29	27	18	4	
	2.	100.0		11.54						28.46	22.31	20.77	13.84	3.08	
	3.	78									29	27	18	4	
	4.	100.0									37.18	34.61	23.08	5.13	

Table IV (Continued)

County		Totals	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Humphreys	1.	235									118	117			
	2.	100.0									50.21	49.79			
	3.	235									118	117			
	4.	100.0									50.21	49.79			
Lawrence	1.	336	2	9	6			16	1		74	102	90	36	
	2.	100.0	0.60	2.68	1.78			4.76	0.30		22.02	30.36	26.79	10.71	
	3.	302									74	102	90	36	
	4.	100.0									24.50	33.78	29.80	11.92	
Lewis	1.	125									26	57	30	12	
	2.	100.0									20.80	45.60	24.00	9.60	
	3.	125									26	57	30	12	
	4.	100.0									20.80	45.60	24.00	9.60	
Lincoln	1.	341		3	11			8		82	64	79	54	40	
	2.	100.0		0.88	3.22			2.35		24.05	18.77	23.17	15.83	11.73	
	3.	237									64	79	54	40	
	4.	100.0									27.00	33.33	22.79	16.88	
Marshall	1.	291							5		64	74	74	74	
	2.	100.0							1.72		21.99	25.43	25.43	25.43	
	3.	286									64	74	74	74	
	4.	100.0									22.38	25.88	25.87	25.87	
Maury	1.	446		31	9			10			83	119	162	32	
	2.	100.0		6.95	2.02			2.24			18.61	26.68	36.32	7.18	
	3.	396									83	119	162	32	
	4.	100.0									20.96	30.05	40.91	8.08	
Montgomery	1.	278		6	6						54	60	100	52	
	2.	100.0		2.16	2.16						19.42	21.58	35.97	18.71	
	3.	266									54	60	100	52	
	4.	100.0									20.30	22.56	37.59	19.55	
Perry	1.	218			4	2			36		73	59	34	10	
	2.	100.0			1.83	0.92			16.51		33.49	27.06	15.60	4.59	
	3.	354									73	59	34	10	
	4.	100.0									7.38	33.52	19.32	5.68	
Robertson	1.	354		27							72	84	88	58	25
	2.	100.0		7.63							20.54	23.73	24.86	16.38	7.06
	3.	302									72	84	88	58	
	4.	100.0									23.84	27.81	29.14	19.21	

Table IV (Continued)

County		Totals	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Rutherford	1.	604			20			9	9		104	218	33	38	173
	2.	100.0			3.31			1.49	1.49		17.22	36.09	5.47	6.29	28.64
	3.	393									104	218	33	38	
	4.	100.0									26.46	55.47	8.40	9.67	
Stewart	1.	175		10						47	58	60			
	2.	100.0		5.71						26.86	33.14	34.29			
	3.	118									58	60			
	4.	100.0									49.15	50.85			
Sumner	1.	410		13	8			2	41		4	4	6	3	329
	2.	100.0		3.17	1.95			0.49	10.00		0.98	0.98	1.46	0.73	80.24
	3.	17									4	4	6	3	
	4.	100.0									23.53	23.53	35.29	17.65	
Wayne	1.	265		67							65	81	39	13	
	2.	100.0		25.28							24.53	30.57	14.72	4.90	
	3.	198									65	81	39	13	
	4.	100.0									32.83	40.91	19.70	6.56	
Williamson	1.	444		14	18			2			112	139	136	23	
	2.	100.0		3.15	4.05			0.45			25.23	31.31	30.63	5.18	
	3.	410									112	139	136	23	
	4.	100.0									27.32	33.90	33.17	5.61	
Wilson	1.	355	26	21	12				14	74	33	61	53	11	50
	2.	100.0	7.32	5.92	3.38				3.94	20.84	9.30	17.18	14.93	3.10	14.09
	3.	158									33	61	53	11	
	4.	100.0									20.89	38.61	33.54	6.96	
District II Total	1.	7631	36	337	115	11		60	119	403	1336	1879	1464	727	1144
	2.	100.0	0.47	4.42	1.51	0.14		0.79	1.56	5.28	17.51	24.62	19.18	9.53	14.99
	3.	5406									1336	1879	1464	727	
	4.	100.0									24.71	34.76	27.08	13.45	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE V

NUMBERS AND PERCENTS OF DISTRICT III 4-H AGENT DAYS PLANNED BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Total *	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Bledsoe	1.	296		23				3		38	80	33	24	25	70
	2.	100.0		7.77				1.01		12.84	27.03	11.15	8.11	8.44	23.65
	3.	162									80	33	24	25	
	4.	100.0									49.38	20.37	14.82	15.43	
Bradley	1.	357		13	5			4	2		29	33	17	6	248
	2.	100.0		3.64	1.40			1.12	0.56		8.12	9.25	4.76	1.68	69.47
	3.	85									29	33	17	6	
	4.	100.0									34.12	38.82	20.00	7.06	
Coffee	1.	465	18	23	18		15		38	118	39		5	73	118
	2.	100.0	3.87	4.95	3.87		3.22		8.17	25.38	8.39		1.08	15.70	25.37
	3.	117									39		5	73	
	4.	100.0									33.33		4.28	62.39	
Franklin	1.	354		4				22	20		32	24	24	22	206
	2.	100.0		1.13				6.21	5.65		9.04	6.78	6.78	6.22	58.19
	3.	102									32	24	24	22	
	4.	100.0									31.37	23.53	23.53	21.57	
Grundy	1.	323						8	8	43	70	45	35	38	76
	2.	100.0						2.48	2.48	13.31	21.67	13.93	10.84	11.76	23.53
	3.	188									70	45	35	38	
	4.	100.0									37.23	23.94	18.62	20.21	
Hamilton	1.	720		23	20					106	27	113	141	56	234
	2.	100.0		3.19	2.78					14.72	3.75	15.70	19.58	7.78	52.50
	3.	337									27	113	141	56	
	4.	100.0									8.01	33.53	41.84	16.62	
Marion	1.	187			10						25	50	10	20	72
	2.	100.0			5.35						13.37	26.74	5.35	10.69	38.50
	3.	105									25	50	10	20	
	4.	100.0									23.81	47.62	9.52	19.05	
McMinn	1.	562			6				8	125	81	108	114	49	71
	2.	100.0			1.07				1.42	22.24	14.41	19.22	20.29	8.72	12.63
	3.	352									81	108	114	49	
	4.	100.0									23.01	30.68	32.39	13.92	
Meigs	1.	154									36	54	44	5	15
	2.	100.0									23.38	35.06	28.57	3.25	9.74
	3.	139									37	54	44	5	
	4.	100.0									25.90	38.85	31.65	3.60	

Table V (Continued)

County		Total *	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Monroe	1.	336			6						44	72	30	13	171
	2.	100.0			1.78						13.10	21.43	8.93	3.87	50.89
	3.	159									44	72	30	13	
	4.	100.0									27.67	45.28	18.87	8.18	
Moore	1.	107									21	29	44	13	
	2.	100.0									19.63	27.10	41.12	12.15	
	3.	107									21	29	44	13	
	4.	100.0									19.63	27.10	41.12	12.15	
Polk	1.	426								134	63	76	56	46	51
	2.	100.0								31.46	14.79	17.84	13.14	10.80	11.97
	3.	241									63	76	56	46	
	4.	100.0									26.14	31.53	23.24	19.09	
Rhea	1.	375									69	42	51	41	172
	2.	100.0									18.40	11.20	13.60	10.93	45.87
	3.	203									69	42	51	41	
	4.	100.0									33.99	20.69	25.12	20.20	
Sequatchie	1.	152				6					35	12	23	6	70
	2.	100.0				3.95					23.03	7.89	15.13	3.95	46.05
	3.	76									35	12	23	6	
	4.	100.0									46.05	15.79	30.26	7.90	
Van Buren	1.	151								35	30		16		70
	2.	100.0								23.18	19,87		10.59		46.36
	3.	46									30		16		
	4.	100.0									65.22	34.78			
Warren	1.	461		21		14		5	15	123	42	32	31	13	165
	2.	100.0		4.56		3.04		1.09	3.25	26.68	9.11	6.94	6.72	2.82	35.79
	3.	118									42	32	31	13	
	4.	100.0									35.59	27.12	26.27	11.02	
District III Total	1.	5426	18	107	65	20	15	42	91	722	723	723	665	426	1809
	2.	100.0	0.33	1.97	1.20	0.37	0.28	0.77	1.68	13.31	13.32	13.32	12.23	7.85	33.34
	3.	2537									723	723	665	426	
	4.	100.0									28.50	28.50	26.21	16.79	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE VI

NUMBERS AND PERCENTS OF DISTRICT IV 4-H AGENT DAYS PLANNED BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Cannon	1.	225						12			68	65	65	15	
	2.	100.0						5.33			30.22	28.89	28.89	6.67	
	3.	213									68	65	65	15	
	4.	100.0									31.92	30.52	30.52	7.04	
Clay	1.	368		3					15	91	33	30			196
	2.	100.0		0.81					4.08	24.73	8.97	8.15			53.26
	3.	63									33	30			
	4.	100.0									52.38	47.62			
Cumberland	1.	293		10	26			12	24		29	78	71	43	
	2.	100.0		3.41	8.87			4.10	8.19		9.90	26.62	24.23	14.68	
	3.	221									29	78	71	43	
	4.	100.0									13.12	35.29	32.13	19.46	
DeKalb	1.	182		2		3		2		26	24	14	2	8	101
	2.	100.0		1.10		1.65		1.10		14.28	13.19	7.69	1.10	4.40	55.49
	3.	48									24	14	2	8	
	4.	100.0									50.00	29.16	4.17	16.67	
Fentress	1.	386	8					3	2	135	9	8		21	200
	2.	100.0	2.07					0.78	0.52	34.98	2.33	2.07		5.44	51.81
	3.	38									9	8		21	
	4.	100.0									23.69	21.05		55.26	
Jackson	1.	147							4	2				3	138
	2.	100.0							2.72	1.36				2.04	93.88
	3.	3												3	
	4.	100.0												100.0	
Macon	1.	322								102	82	84	44	10	
	2.	100.0								31.68	25.46	26.09	13.66	3.11	
	3.	220									82	84	44	10	
	4.	100.0									37.27	30.18	20.00	4.55	
Morgan	1.	388			7				262	80	17	19			3
	2.	100.0			1.80				67.53	20.62	4.38	4.90			0.77
	3.	36									17	19			
	4.	100.0									47.22	52.78			

Table VI (Continued)

County		Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Home-makers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Overton	1.	293		9					6		36	22	10	18	192
	2.	100.0		3.07					2.05		12.29	7.51	3.41	6.14	65.53
	3.	86									36	22	10	18	
	4.	100.0									41.86	25.58	11.63	20.93	
Pickett	1.	166									8	8	16	5	129
	2.	100.0									4.82	4.82	9.64	3.01	77.71
	3.	37									8	8	16	5	
	4.	100.0									21.62	21.62	43.24	13.52	
Putnam	1.	364	3	7		7				73	71	69	82	10	42
	2.	100.0	0.82	1.92		1.92				20.05	19.51	18.96	22.53	2.75	11.54
	3.	232									71	69	82	10	
	4.	100.0									30.60	29.74	35.35	4.31	
Scott	1.	253		20				10		105	37	30	15	15	21
	2.	100.0		7.91				3.95		41.50	14.62	11.86	5.93	5.93	8.30
	3.	97									37	30	15	15	
	4.	100.0									38.15	30.93	15.46	15.46	
Smith	1.	295						8	8	3	4	8		5	259
	2.	100.0						2.71	2.71	1.02	1.36	2.71		1.69	87.80
	3.	17									4	8		5	
	4.	100.0									23.53	47.06		29.41	
Trousdale	1.	168							9		46	53	50	10	
	2.	100.0							5.36		27.38	31.55	29.76	5.95	
	3.	159									46	53	50	10	
	4.	100.0									28.93	33.33	31.45	6.29	
White	1.	375			8			4	2		100	121	105	35	
	2.	100.0			2.13			1.07	0.53		26.67	32.27	28.00	9.33	
	3.	361									100	121	105	35	
	4.	100.0									27.70	33.52	29.09	9.70	
District IV Total	1.	4225	11	51	41	10		51	332	617	564	600	460	198	1281
	2.	100.0	0.26	1.21	0.97	0.24		1.21	7.86	14.60	13.35	14.20	10.89	4.69	30.32
	3.	1831									564	600	460	198	
	4.	100.0									30.95	32.93	25.25	10.87	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE VII

NUMBERS AND PERCENTS OF DISTRICT V 4-H AGENT DAYS PLANNED BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Anderson	1.	345		14		5	5	13			83	119	77	29	
	2.	100.0		4.06		1.45	1.45	3.77			24.06	34.49	22.32	8.40	
	3.	308									83	119	77	29	
	4.	100.0									26.95	38.64	25.00	9.41	
Blount	1.	316	22		6						82	90	87	29	
	2.	100.0	6.96		1.90						25.95	28.48	27.53	9.18	
	3.	288									82	90	87	29	
	4.	100.0									28.47	31.25	30.21	10.07	
Campbell	1.	430	4	37	11					56	63	129	123	7	
	2.	100.0	0.93	8.61	2.56					13.02	14.65	30.00	28.60	1.63	
	3.	322									63	129	123	7	
	4.	100.0									19.57	40.06	38.20	2.17	
Carter	1.	426	2	33	20			8		41	83	89	76	74	
	2.	100.0	0.47	7.75	4.70			1.88		9.62	19.48	20.89	17.84	17.37	
	3.	322									83	89	76	74	
	4.	100.0									25.78	27.64	23.60	22.98	
Claiborne	1.	427		20						136	83	71	60	45	12
	2.	100.0		4.68						31.85	19.44	16.63	14.05	10.54	2.81
	3.	259									83	71	60	45	
	4.	100.0									32.05	27.41	27.17	17.37	
Cocke	1.	396		45	2					98	72	84	73	22	
	2.	100.0		11.36	0.51					24.75	18.18	21.21	18.43	5.56	
	3.	251									72	84	73	22	
	4.	100.0									28.69	33.47	29.08	8.76	
Grainger	1.	239	6	6	2					88	35	45	36	21	
	2.	100.0	2.51	2.51	0.84					36.92	14.64	18.83	15.06	8.79	
	3.	137									35	45	36	21	
	4.	100.0									25.55	32.85	26.28	15.32	

Table VII (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Greene	1.	295					4	10			47	71	138	25	
	2.	100.0					1.36	3.39			15.93	24.07	46.78	8.47	
	3.	281									47	71	138	25	
	4.	100,0									16.72	25.27	49.11	8.90	
Hamblen	1.	438		8		25		2			78	86	89	45	105
	2.	100.0		1.83		5.71		0.46			17.81	19.63	20.32	10.27	23.97
	3.	298									78	86	89	45	
	4.	100.0									26.17	28.86	29.87	15.10	
Hancock	1.	143	4								53	47	24	15	
	2.	100.0	2.80								37.06	32.87	16.78	10.49	
	3.	139									53	47	24	15	
	4.	100.0									38.13	33.81	17.27	10.79	
Hawkins	1.	553		23	6					134	134	121	59	42	34
	2.	100.0		4.16	1.09					24.23	24.23	21.88	10.67	7.59	6.15
	3.	356									134	121	59	42	
	4.	100.0									37.64	33.99	16.57	11.80	
Jefferson	1.	206		7							69	62	46	20	2
	2.	100.0		3.40							33.49	30.10	22.33	9.71	0.97
	3.	197									69	62	46	20	
	4.	100.0									35.03	31.47	23.35	10.15	
Johnson	1.	254	17	15	1			30			126	55		10	
	2.	100.0	6.69	5.91	0.39			11.81			49.61	21.65		3.94	
	3.	191									126	55		10	
	4.	100.0									65.97	20.80		5.23	
Knox	1.	583		71	12			11			65	170	221	33	
	2.	100.0		12.18	2.06			1.89			11.15	29.16	37.90	5.66	
	3.	489									65	170	221	33	
	4.	100.0									13.29	34.77	45.19	6.75	
Loudon	1.	242		29				6	6		44	58	49	50	
	2.	100.0		11.98				2.48	2.48		18.18	23.97	20.25	20.66	
	3.	201									44	58	49	50	
	4.	100.0									21.89	28.86	24.38	24.87	

Table VII (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Roane	1.	448		30				6		70	74	65	124	79	
	2.	100.0		6.70				1.34		15.60	16.52	14.51	27.68	17.63	
	3.	342									74	65	124	79	
	4.	100.0									21.64	19.00	36.26	23.10	
Sevier	1.	244	4	13	11						63	64	47	42	
	2.	100.0	1.64	5.33	4.51						25.82	26.23	19.26	17.21	
	3.	216									63	64	47	42	
	4.	100.0									29.17	29.63	21.76	19.44	
Sullivan	1.	501		2	25			16			101	129	186	42	
	2.	100.0		0.40	4.99			3.19			20.16	25.75	37.13	8.38	
	3.	458									101	129	186	42	
	4.	100.0									22.05	28.17	40.61	9.17	
Unicoi	1.	101			8						16	36	28	13	
	2.	100.0			7.92						15.84	35.65	27.72	12.87	
	3.	93									16	36	28	13	
	4.	100.0									17.20	38.71	30.11	13.98	
Union	1.	120									36	31	48	5	
	2.	100.0									30.00	25.83	40.00	4.17	
	3.	120									36	31	48	5	
	4.	100.0									30.00	25.83	40.00	4.17	
Washington	1.	391	2	20				14			88	140	102	25	
	2.	100.0	0.51	5.12				3.58			22.51	35.80	26.09	6.39	
	3.	355									88	140	102	25	
	4.	100.0									24.79	39.44	28.73	7.04	
District V Total	1.	7098	61	373	104	30	9	116	6	623	1495	1762	1693	673	153
	2.	100.0	0.86	5.26	1.47	0.42	0.13	1.63	0.08	8.78	21.06	24.82	23.85	9.48	2.16
	3.	5623									1495	1762	1693	673	
	4.	100.0									26.59	31.33	30.11	11.97	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

7.70 percent of all 4-H time planned and 12.14 percent of that time planned specifically for work with the four primary audiences; for Juniors was 5,931 agent days, 18.94 percent of all 4-H time planned and 29.88 percent of that time planned specifically for the primary audiences; for Junior High was 6,320 agent days, 20.18 percent of all 4-H time planned and 31.85 percent of time planned for the four primary audiences; and for Seniors was 5,186 agent days, 16.56 percent of all 4-H time planned and 26.13 percent of time planned for the four primary audiences. Thus, agents planned to spend relatively more time on 4-Hers in the middle years than on either younger or older audiences. Also, they tended to plan more time for Seniors than for Explorers - possibly recognizing the greater complexity of programs attracting older youth.

In addition, three TEMIS 4-H audiences, General 4-H, Special Program in Foods for Youth (SPIFFY) and Leaders (Volunteer, Adult, Junior and/or Teen), in that order, accounted for most (i.e. 85.91 percent) of the remainder (i.e. 11,465 agent days, 36.62 percent) of time planned for all 4-H work in the State in FY 1978. The General 4-H audience, with 5,785 days, was apparently used by agents when they planned to work with 4-Hers in two or more of the four primary audiences (e.g., mixed clubs; fairs and contests).

SPIFFY, with 2,883 days, was the federally funded Special Program in Foods for Youth existing in some counties in FY 1978. Participants may or may not also have belonged to 4-H Clubs as well as SPIFFY.

Leaders (Volunteer, Adult, Junior and/or Teen) is a TEMIS classification used to code work planned or reported that involves both adult and youth as leaders. Agents in the State planned to spend 1,182 days in FY 1978 with this group.

Comparisons of District Data

When District totals in Table I are compared, it is seen that districts ranked, in descending order of agent days planned for total 4-H work, as follows: 1) District II 7,621 days planned; 2) District V, 7,098 days planned; 3) District I, 6,932 days planned; 4) District III, 5,426 days planned and 5) District IV, 4,225 days planned.

Regarding time planned for the four primary audiences only, districts ranked, again in descending order: 1) District V, 5,623 days; 2) District II, 5,406 days; 3) District I, 4,461 days; 4) District III, 2,537 days and District IV, 1,822 days.

Percents of time that district totals for four primary audiences were of the total time planned for all 4-H work, then, in descending order were: 1) District V, 79.22 percent of time planned; 2) District II, 70.84 percent of time planned; 3) District I, 64.35 percent; 4) District III, 46.76 percent and District IV, 43.34 percent.

Percents of time planned for Explorers, of all 4-H time planned ranged from 9.53 percent for District II to 4.69 percent for District IV, while the percent of time planned for Explorers of time shown for the four primary audiences ranged from 16.79 percent in District III to 8.65 percent in District I.

Percents of time planned for Juniors, of all 4-H time planned ranged from 23.85 percent for District V to 10.89 percent for District IV, while percents of time planned for Juniors of time planned for the four primary audiences ranged from 36.96 percent in District I to 25.25 percent in District IV.

Percents of time planned for Junior High, of all 4-H time planned ranged from 24.82 percent for District V to 13.32 percent for District III, while percents of time planned for Junior Highs of time planned for the four primary audiences ranged from 34.76 percent in District II to 28.50 percent in District III.

Percents of time planned for Seniors of all 4-H time planned ranged from 21.06 percent for District V to 13.32 percent for District II, while percents of time planned for Seniors of time planned for the four primary audiences ranged from 30.95 percent in District IV to 23.99 percent in District I.

District III had the largest percent of time planned for the General 4-H audience, 33.34 percent, while District V had the smallest, 2.16 percent. District IV, 14.60 percent, reported the largest proportion of time planned for SPIFFY, while District II, 5.28 reported the least. District V reported the highest percent, 5.26, of time planned for Leaders (Volunteer, Adult, Junior and/or Teen), while District IV had the lowest, 1.21 percent. District IV had the highest percent of time, 7.86 percent, reported for Youth/Adult (4-H), and District V the lowest, 0.08 percent.

Table II information shows that average days per county planned for all 4-H audiences varied from 282 days per county in District IV to 347 days each in Districts I and II. Average days per county planned for the four primary audiences varied from 122 in District IV to 268 in District V.

District II showed the greatest range in average agent days planned per county for all 4-H work (i.e. from 113 to 1,547), while

District IV had the smallest range (i.e., from 147 to 388). Regarding average agent days planned per county for the four primary audiences, District II again reported the largest range (i.e., 0-1,002) and District IV again the smallest (i.e., 3-361).

District I County Comparisons

Reference to figures in Table III shows that Benton County had the lowest number of days planned for all 4-H work, 146, and Shelby, 776, the highest in District I. On the other hand, Shelby had no time at all planned for the four primary audiences, while Haywood, 431 days, had the most time planned.

Major portions of time were planned in the following counties for the General 4-H audience: 1) Crockett, 87.11 percent; 2) Tipton, 82.85 percent; 3) Shelby, 73.97 percent; 4) Chester, 59.28 percent; 5) Madison, 57.98 percent and 6) Benton, 35.61 percent. This means agents felt they could not better identify the audience with which they planned to work or that more than one audience was to be involved.

Five counties reporting consequential SPIFFY work planned included: 1) Henry County, 29.41 percent; 2) Carroll, 23.32 percent; 3) Gibson, 22.0 percent; 4) Dyer, 18.13 percent and 5) Decatur, 16.48 percent.

Shelby, 18.30 percent, and Tipton, 11.00 percent reported consequential work with Leaders (Volunteer, Adult, Junior and/or Teen).

Benton reported 9.59 percent of all 4-H time planned with Young Farmers and Homemakers (YF&H), the largest percent shown.

District II County Comparisons

Reference to data in Table IV shows that Cheatham County had the lowest number of days planned for all 4-H work, 113, and Davidson, 1,547, the highest. On the other hand, Dickson had no time at all planned for the four primary audiences, while Davidson, 1,002 days, had the most time planned.

Major portions of time were planned in the following counties for the General 4-H audience: 1) Dickson, 97.67 percent; 2) Sumner, 80.24 percent; 3) Rutherford, 28.64 percent; 4) Davidson, 23.92 percent; 5) Wilson, 14.09 percent and 6) Hickman, 9.24 percent. This means agents felt they could not better identify the audience with which they planned to work or that they planned to work with more than one audience.

Five counties reporting consequential SPIFFY work included: 1) Houston County, 28.46 percent; 2) Stewart, 26.86 percent; 3) Lincoln, 24.05 percent; 4) Hickman, 22.29 percent and 5) Wilson, 20.84 percent.

Wayne, 25.28 percent, and Houston 11.54 percent reported consequential work with Leaders (Volunteer, Adult, Junior and/or Teen).

Lawrence reported 4.76 percent of all 4-H time planned with Young Farmers and Homemakers (YF&H), the largest percent listed.

District III County Comparisons

Reference to figures in Table V shows that Moore County had the lowest number of days planned for all 4-H work, 107, and Hamilton, 720, the highest. On the other hand, Van Buren had the lowest number of days planned for the four primary audiences, 46, while McMinn, 352 days, had the most time planned.

While Moore County had none, major portions of time were planned in the following counties for the General 4-H audience: 1) Bradley, 69.47 percent; 2) Franklin, 58.19 percent; 3) Hamilton, 52.50 percent; 4) Monroe, 50.89 percent; 5) Van Buren, 47.36 percent; 6) Sequatchie, 46.05 percent; 7) Rhea, 45.87 percent; 8) Marion, 38.50 percent; 9) Warren, 35.79 percent; 10) Coffee, 25.37 percent; 11) Bledsoe, 23.65 percent; 12) Grundy, 23.53 percent; 13) McMinn, 12.63 percent; 14) Polk, 11.97 percent and 15) Meigs, 9.74 percent.

Eight counties reporting consequential SPIFFY work included: 1) Polk County, 31.46 percent; 2) Warren, 26.68 percent; 3) Coffee, 25.38 percent; 4) Van Buren, 23.18 percent; 5) McMinn, 22.24 percent; 6) Hamilton, 14.72 percent; 7) Grundy, 13.31 percent and 8) Bledsoe, 12.84 percent.

Bledsoe, 7.77 percent, and Coffee, 4.95 percent reported work with Leaders (Volunteer, Adult, Junior and/or Teen).

Franklin reported 6.21 percent of all 4-H time planned with Young Farmers and Homemakers (YF&H), the largest percent in the district.

District IV County Comparisons

Reference to figures in Table VI shows that Jackson County had the lowest number of days planned for all 4-H work, 147, and Morgan, 388, the highest. On the other hand, Jackson had only three days total planned for the four primary audiences, while White, 361 days had the most time planned.

Major portions of time were planned in the following counties for the General 4-H audience: 1) Jackson, 93.88 percent; 2) Smith, 87.80 percent; 3) Pickett, 77.71 percent; 4) Overton, 65.53 percent; 5) DeKalb, 55.47 percent; 6) Clay, 53.26 percent; 7) Fentress, 51.81 percent and 8) Putnam, 11.54 percent.

Seven counties reporting consequential SPIFFY work included: 1) Scott County, 41.50 percent; 2) Fentress, 34.98 percent; 3) Macon, 31.68 percent; 4) Clay, 24.73 percent; 5) Morgan, 20.62 percent; 6) Putnam, 20.05 percent and 7) DeKalb, 14.28 percent.

Scott, 7.91 percent, and Cumberland, 3.41 percent reported work with Leaders (Volunteer, Adult, Junior and/or Teen).

Cannon reported 5.33 percent of all 4-H time planned with Young Farmers and Homemakers (YF&H), the most in the district.

District V County Comparisons

Reference to figures in Table VII shows that Unicoi County had the lowest number of days planned for all 4-H work, 101, and Knox, 583, the highest. Also, Unicoi had only 93 days planned for the four primary audiences, while Sullivan with 458 days, had the most time planned.

A major portion of time was planned in only Hamblen County, 23.97 percent, for the General 4-H audience. All other county staffs planned most of their time under the four primary audiences.

Seven counties reporting consequential SPIFFY work included: 1) Grainger County, 36.92 percent; 2) Claiborne, 31.85 percent; 3) Cocke, 24.75 percent; 4) Hawkins, 24.23 percent; 5) Roane, 15.62 percent; 6) Campbell, 13.02 percent and 7) Carter, 9.62 percent.

Knox, 12.18 percent; Loudon, 11.98 percent and Cocke, 11.36 percent, reported consequential work with Leaders (Volunteer, Adult, Junior and/or Teen).

Johnson reported 11.81 percent of all 4-H time planned with Young Farmers and Homemakers (YF&H), the most in District V.

B. AGENT TIME EXPENDED, FY 1978

Tables VIII - XIV include data showing 4-H agent time expended by Tennessee Extension personnel in their FY 1978 Weekly Activity Reports by 4-H audiences. Tables VIII and IX present district and State summaries, while Table X - XIV show county summaries for the five Extenion supervisory districts.

Discussion of State Totals

Reference to Table VIII discloses that 4-H agents in the State expended a total of 34,094.33 agent days in 4-H work with the various 13 audiences listed, a total of 16,831.18 agent days, or 49.37 percent of the 34,094.33 days, devoted to the four primary audiences in FY 1978. Time expended for work with Explorers was 1,274.58 agent days, 3.74 percent of all 4-H time expended and 7.57 percent of that time expended specifically for work with the four primary audiences; for Junior was 4,798.88 agent days, 14.07 percent of all 4-H time expended and 28.51 percent of that time expended specifically for the four primary audiences; for Junior High was 5,511.37 agent days, 16.16 percent of all 4-H time expended and 32.75 percent of time spent for the four primary audiences;

TABLE VIII

NUMBERS AND PERCENTS OF TENNESSEE 4-H AGENT DAYS EXPENDED BY TEMIS AUDIENCE CATEGORY ACCORDING TO DISTRICT AND STATE TOTALS, FY 1978

District		Total *	Leaders (Vol. Junior and/or Teen)	Leaders (Vol.Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
District I	1.	6595.32	14.65	129.40	175.29	62.28	31.00	31.53	463.67	447.15	930.42	1050.68	876.18	169.28	2213.79
	2.	100.0	0.22	1.96	2.66	0.94	0.47	0.48	7.03	6.78	14.11	15.93	13.28	2.57	33.57
	3.	3026.56									930.42	1050.68	876.18	169.28	
	4.	100.0									30.74	34.72	28.95	5.59	
District II	1.	8921.56	34.15	104.66	136.56	81.90	3.01	27.40	532.92	431.29	1567.55	1423.92	1364.57	380.31	2833.32
	2.	100.0	0.38	1.17	1.53	0.92	0.03	0.31	5.97	4.84	17.57	15.96	15.30	4.26	31.76
	3.	4736.35									1567.55	1423.92	1364.57	380.31	
	4.	100.0									33.10	30.06	28.81	8.03	
District III	1.	5771.09	17.77	47.04	90.55	32.02	12.64	15.89	539.04	384.80	761.30	746.93	761.29	261.78	2100.04
	2.	100.0	0.31	0.81	1.57	0.55	0.22	0.28	9.34	6.67	13.19	12.94	13.19	4.54	36.39
	3.	2531.30									761.30	746.93	761.29	261.78	
	4.	100.0									30.08	29.51	30.07	10.34	
District IV	1.	4934.18	39.14	21.52	42.28	10.02	7.38	36.88	589.41	472.26	781.52	788.28	537.67	100.03	1507.79
	2.	100.0	0.79	0.43	0.86	0.20	0.15	0.75	11.94	9.57	15.84	15.98	10.90	2.03	30.56
	3.	2207.50									781.52	788.28	537.67	100.03	
	4.	100.0									35.40	35.71	24.36	4.53	
District V	1.	7872.18	43.02	141.41	106.92	90.28	9.28	45.41	475.69	477.03	1205.56	1501.56	1259.17	363.18	2153.67
	2.	100.0	0.55	1.80	1.36	1.15	0.12	0.58	6.04	6.06	15.31	19.07	15.99	4.61	27.36
	3.	4329.47									1205.56	1501.56	1259.17	363.18	
	4.	100.0									27.85	34.68	29.08	8.39	
State Total	1.	34094.33	148.73	444.03	551.60	276.50	63.31	157.11	2600.73	2212.53	5246.35	5511.37	4798.88	1274.58	10808.61
	2.	100.0	0.44	1.30	1.62	0.81	0.19	0.46	7.63	6.49	15.39	16.16	14.07	3.74	31.70
	3.	16831.18									5246.35	5511.37	4798.88	1274.58	
	4.	100.0									31.17	32.75	28.51	7.57	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE IX

AVERAGE NUMBERS OF TENNESSEE 4-H AGENT DAYS EXPENDED PER COUNTY, AND RANGES, ACCORDING TO DISTRICT AND STATE TOTALS, FY 1978

Audience Grouping	State Total	District I	District II	District III	District IV	District V
All 4-H Audiences						
Average Per County	363	330	406	361	329	375
Range in Averages Per County	75.90-1034.91	121.90-848.52	75.90-1034.91	163.77-559.78	91.01-485.77	153.78-613.16
Four Primary Audiences						
Average Per County	179	151	215	158	147	206
Range in Averages Per County	15.88-438.89	15.88-289.39	57.13-438.59	61.38-251.29	32.88-298.14	76.02-374.76

TABLE X

NUMBERS AND PERCENTS OF DISTRICT 1 4-H AGENT DAYS EXPENDED BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County*		Total**	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Benton	1.	121.90			0.13	1.50		7.63	14.25		9.38	25.25	15.63	7.50	40.63
	2.	100.0			0.10	1.23		6.26	11.69		7.69	20.72	12.82	6.16	33.33
	3.	57.76									9.38	25.25	15.63	7.50	
	4.	100.0									16.23	43.72	27.06	12.99	
Carroll	1.	501.16	1.75	2.50	36.75	1.88	9.75		13.13	68.38	42.63	51.25	54.13	3.88	215.13
	2.	100.0	0.35	0.50	7.33	0.37	1.95		2.62	13.64	8.51	10.23	10.80	0.77	42.93
	3.	151.89									42.63	51.25	54.13	3.88	
	4.	100.0									28.07	33.74	35.64	2.55	
Chester	1.	136.39			1.00			0.38			22.00	16.38	11.13	4.50	81.00
	2.	100.0			0.73			0.28			16.13	12.01	8.16	3.30	59.39
	3.	54.01									22.00	16.38	11.13	4.50	
	4.	100.0									40.74	30.33	20.60	8.33	
Crockett	1.	229.25	1.50	1.75	2.25		0.25		7.00		22.50	20.50	17.50	4.25	151.75
	2.	100.0	0.65	0.76	0.98		0.11		3.05		9.82	8.94	7.64	1.85	66.20
	3.	64.75									22.50	20.50	17.50	4.25	
	4.	100.0									34.75	31.66	27.03	6.56	
Decatur	1.	385.03		0.50	4.63	0.50		8.38	38.00	1.50	109.13	139.63	29.63	11.00	42.13
	2.	100.0		0.13	1.20	0.13		2.18	9.87	0.39	28.34	36.27	7.69	2.86	10.94
	3.	289.39									109.13	139.63	29.63	11.00	
	4.	100.0									37.71	48.25	10.24	3.80	
Dyer	1.	522.27	0.75	2.63	9.00	3.88	1.75		10.63	66.25	59.50	69.00	37.25	11.50	250.13
	2.	100.0	0.14	0.50	1.72	0.74	0.34		2.04	12.69	11.39	13.21	7.13	2.20	47.90
	3.	177.25									59.50	69.00	37.25	11.50	
	4.	100.0									33.57	38.93	21.01	6.49	
Fayette	1.	300.15				0.88			10.75	0.13	69.00	109.38	57.50	13.38	39.13
	2.	100.0				0.29			3.58	0.04	22.99	36.44	19.16	4.46	13.04
	3.	249.26									69.00	109.38	57.50	13.38	
	4.	100.0									27.68	43.88	23.07	5.37	
Gibson	1.	510.41	2.88	24.63	5.25	5.13		5.13	60.63	62.13	103.75	72.13	100.50		68.25
	2.	100.0	0.56	4.83	1.03	1.01		1.00	11.88	12.17	20.33	14.13	19.69		13.37
	3.	276.38									103.75	72.13	100.50		
	4.	100.0									37.54	26.10	36.36		
Hardeman	1.	341.40		0.50	1.50	0.88	2.00		4.75	0.75	34.38	80.13	85.38	19.25	111.88
	2.	100.0		0.15	0.44	0.26	0.58		1.39	0.22	10.07	23.47	25.01	5.64	32.77
	3.	219.14									34.38	80.13	85.38	19.25	
	4.	100.0									15.69	36.57	38.96	8.78	
Hardin	1.	195.52	0.25		3.25	0.25			32.38	2.88	45.13	46.00	42.63	1.00	21.75
	2.	100.0	0.13		1.66	0.13			16.56	1.47	23.08	23.53	21.80	0.51	11.13
	3.	134.76									45.13	46.00	42.63	1.00	
	4.	100.0									33.49	34.14	31.63	0.74	
Haywood	1.	181.76		0.63	0.50				20.75		47.88	49.50	59.25	3.25	
	2.	100.0		0.34	0.28				11.42		26.34	27.23	32.60	1.79	
	3.	159.88									47.88	49.50	59.25	3.25	
	4.	100.0									29.95	30.96	37.06	2.03	

Table X (Continued)

County*		Total**	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Henderson	1.	395.40	0.38	6.75	9.25	1.25	13.50	3.25	45.88		51.38	58.63	40.63	14.00	150.50
	2.	100.0	0.10	1.71	2.34	0.32	3.41	0.82	11.60		12.99	14.83	10.28	3.54	38.06
	3.	164.64									51.38	58.63	40.63	14.00	
	4.	100.0									31.21	35.61	24.68	8.50	
Henry	1.	346.67	0.38	12.00	3.38		0.25		28.63	71.63	45.88	57.38	45.13	18.13	63.88
	2.	100.0	0.11	3.46	0.97		0.07		8.26	20.66	13.24	16.55	13.02	5.23	18.43
	3.	166.52									45.88	57.38	45.13	18.13	
	4.	100.0									27.55	34.46	27.10	10.89	
Lauderdale	1.	232.63	4.50	1.25	3.75		1.00		1.00		34.75	57.00	65.88		63.50
	2.	100.0	1.93	0.54	1.61		0.43		0.43		14.94	24.50	28.32		27.30
	3.	157.63									34.75	57.00	65.88		
	4.	100.0									22.05	36.16	41.79		
Madison	1.	354.65	0.38	7.75	4.63	20.75	0.50	6.63	28.88		58.50	19.13	21.75	4.75	181.00
	2.	100.0	0.11	2.19	1.30	5.85	0.14	1.87	8.14		16.50	5.39	6.13	1.34	51.04
	3.	104.13									58.50	19.13	21.75	4.75	
	4.	100.0									56.18	18.37	20.89	4.56	
McNairy	1.	230.52		6.50	15.88				3.88	78.50	33.75	62.38	21.25	1.13	7.25
	2.	100.0		2.82	6.89				1.68	34.06	14.64	27.06	9.22	0.49	3.14
	3.	118.51									33.75	62.38	21.25	1.13	
	4.	100.0									28.48	52.64	17.93	0.95	
Obion	1.	254.14		0.25	1.13	1.00			38.50	0.25	37.88	30.00	31.25	16.13	97.75
	2.	100.0		0.10	0.45	0.39			15.15	0.10	14.90	11.80	12.30	6.35	38.46
	3.	115.26									37.88	30.00	31.25	16.13	
	4.	100.0									32.86	26.03	27.12	13.99	
Shelby	1.	848.52	0.50	36.13	40.63	9.25	1.00		42.75	93.75	74.75	27.88	53.25	19.75	448.88
	2.	100.0	0.06	4.26	4.79	1.09	0.12		5.04	11.05	8.81	3.28	6.27	2.33	52.90
	3.	175.63									74.75	27.88	53.25	19.75	
	4.	100.0									42.57	15.86	30.32	11.25	
Tipton	1.	196.65		13.88	22.63	12.50	1.00	0.13	18.38	1.00	6.50	3.00	4.88	1.50	111.25
	2.	100.0		7.06	11.51	6.36	0.51	0.06	9.34	0.51	3.30	1.53	2.48	0.76	56.58
	3.	15.88									6.50	3.00	4.88	1.50	
	4.	100.0									40.94	18.90	30.71	9.45	
Weakley	1.	310.90	1.38	11.75	9.75	2.63			43.50		21.75	56.13	81.63	14.38	68.00
	2.	100.0	0.44	3.78	3.14	0.84			13.99		7.00	18.05	26.26	4.62	21.88
	3.	173.89									21.75	56.13	81.63	14.38	
	4.	100.0									12.51	32.28	46.94	8.27	
District I Total	1.	6595.32	14.65	129.40	175.29	62.28	31.00	31.53	463.67	447.15	930.42	1050.68	876.18	169.28	2213.79
	2.	100.0	0.22	1.96	2.66	0.94	0.47	0.48	7.03	6.78	14.11	15.93	13.28	2.57	33.57
	3.	3026.56									930.42	1050.68	876.18	169.28	
	4.	100.0									30.74	34.72	28.95	5.59	

*Lake County does not have 4-H program

**Rows are as follows:

1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE XI

NUMBERS AND PERCENTS OF DISTRICT II 4-H AGENT DAYS EXPENDED BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Bedford	1.	395.91	1.63	7.63	3.00	1.38	0.25	0.63	37.50	0.50	79.63	66.63	57.25	10.38	129.50
	2.	100.0	0.41	1.93	0.76	0.35	0.06	0.16	9.47	0.13	20.11	16.83	14.46	2.62	32.71
	3.	213.89									79.63	66.63	57.25	10.38	
	4.	100.0									37.23	31.15	26.77	4.85	
Cheatham	1.	130.52				0.38			27.50		12.88	28.38	32.25	12.75	16.38
	2.	100.0				0.29			21.07		9.87	21.74	24.71	9.77	12.55
	3.	86.26									12.88	28.38	32.25	12.75	
	4.	100.0									14.93	32.90	37.39	14.78	
Davidson	1.	1034.91		16.88	8.38	4.50		0.50	74.38	62.13	86.00	115.38	133.50	47.88	485.38
	2.	100.0		1.63	0.81	0.43		0.05	7.19	6.00	8.31	11.15	12.90	4.63	46.90
	3.	382.76									86.00	115.38	133.50	47.88	
	4.	100.0									22.47	30.14	34.88	12.51	
Dickson	1.	287.14			3.38			5.00	0.88	0.25	50.25	49.50	67.38	12.00	98.50
	2.	100.0			1.18			1.74	0.30	0.09	17.50	17.24	23.46	4.18	34.31
	3.	179.13									50.25	49.50	67.38	12.00	
	4.	100.0									28.05	27.64	37.61	6.70	
Giles	1.	497.05	8.38	17.88	21.88	3.38		0.63	69.88	0.13	109.25	107.50	57.63	27.13	73.38
	2.	100.0	1.68	3.60	4.40	0.68		0.13	14.06	0.03	21.98	21.63	11.59	5.46	14.16
	3.	301.51									109.25	107.50	57.63	27.13	
	4.	100.0									36.24	35.65	19.11	9.00	
Hickman	1.	322.90		9.25	8.50	1.00	1.25	1.13	26.00	78.13	49.50	51.63	23.75	11.88	60.88
	2.	100.0		2.86	2.63	0.31	0.39	0.35	8.05	24.20	15.33	15.99	7.36	3.68	18.85
	3.	136.76									49.50	51.63	23.75	11.88	
	4.	100.0									36.20	37.75	17.37	8.68	
Houston	1.	75.90	0.38		1.13	0.25			2.13	0.25	13.00	24.50	17.63	2.00	14.63
	2.	100.0	0.49		1.48	0.33			2.80	0.33	17.13	32.29	23.23	2.64	19.28
	3.	57.13									13.00	24.50	17.63	2.00	
	4.	100.0									22.76	42.89	30.85	3.50	

Table XI (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Humphreys	1.	481.88	0.25			1.00					96.75	50.75	43.38	14.50	275.25
	2.	100.0	0.05			0.21					20.08	10.53	9.00	3.01	57.12
	3.	205.38									96.75	50.75	43.38	14.50	
	4.	100.0									47.11	24.71	21.12	7.06	
Lawrence	1.	322.42	0.13	1.63	12.13	29.13	0.13		25.00	0.25	51.75	74.38	64.63	15.88	47.38
	2.	100.0	0.04	0.50	3.76	9.03	0.04		7.76	0.08	16.05	23.07	20.05	4.92	14.70
	3.	206.64									51.75	74.38	64.63	15.88	
	4.	100.0									25.05	35.99	31.28	7.68	
Lewis	1.	120.13			0.50		0.50		0.50		24.25	19.50	38.13	5.75	31.00
	2.	100.0			0.42		0.42		0.41		20.19	16.23	31.74	4.79	25.80
	3.	87.63									24.25	19.50	38.13	5.75	
	4.	100.0									27.68	22.25	43.51	6.56	
Lincoln	1.	476.91		1.88	5.75	2.50		1.63	58.13	62.13	74.38	76.00	30.00	16.13	148.38
	2.	100.0		0.39	1.21	0.52		0.34	12.19	13.03	15.60	15.94	6.29	3.38	31.11
	3.	196.51									74.38	76.00	30.00	16.13	
	4.	100.0									37.85	38.68	15.27	8.20	
Marshall	1.	268.90	2.25	1.63	8.63	0.38			15.75		49.00	35.00	40.63	12.75	102.88
	2.	100.0	0.84	0.60	3.21	0.14			5.86		18.22	13.02	15.11	4.74	38.26
	3.	137.38									49.00	35.00	40.63	12.75	
	4.	100.0									35.67	25.48	29.57	9.28	
Maury	1.	381.53	2.25	2.25	7.00	21.00	0.63		9.63	0.25	65.63	55.63	90.63	11.00	115.63
	2.	100.0	0.59	0.59	1.84	5.51	0.16		2.52	0.07	17.20	14.58	23.75	2.88	30.31
	3.	222.89									65.63	55.63	90.63	11.00	
	4.	100.0									29.44	24.96	40.66	4.94	
Montgomery	1.	546.52	1.00	3.00	14.38	0.50		11.50	23.00		72.63	71.75	67.25	26.13	255.38
	2.	100.0	0.18	0.55	2.63	0.09		2.10	4.21		13.29	13.13	12.31	4.78	46.73
	3.	237.76									72.63	71.75	67.25	26.13	
	4.	100.0									30.55	30.18	28.28	10.99	
Perry	1.	257.52			1.88				27.25		59.88	65.50	30.63	5.38	67.00
	2.	100.0			0.73				10.58		23.25	25.44	11.89	2.09	26.02
	3.	161.39									59.88	65.50	30.63	5.38	
	4.	100.0									37.10	40.59	18.98	3.33	
Robertson	1.	423.98	1.75	6.25	9.00	1.00			5.13	10.38	105.88	83.88	84.63	31.25	84.13
	2.	100.0	0.41	1.48	2.13	0.24			1.21	2.45	25.01	19.82	19.99	7.38	19.88
	3.	305.64									105.88	83.88	84.63	31.25	
	4.	100.0									36.64	27.44	27.89	10.23	

Table XI (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Rutherford	1.	584.39	1.00		0.25	5.25		1.25	2.75		106.88	69.25	98.63	38.50	260.63
	2.	100.0	0.17		0.04	0.90		0.21	0.47		18.29	11.85	16.88	6.59	
	3.	313.26									106.88	69.25	98.63	38.50	
	4.	100.0									34.12	22.11	31.48	12.29	
Stewart	1.	179.40	0.25	4.88	0.88				6.88	53.38	14.50	29.25	38.75	4.88	25.75
	2.	100.0	0.14	2.72	0.49				3.83	29.76	8.08	16.31	21.60	2.72	14.35
	3.	87.38									14.50	29.25	38.75	4.88	
	4.	100.0									16.59	33.48	44.35	5.58	
Sumner	1.	620.02	0.38	0.25	5.63	3.75			68.25	1.75	134.75	80.75	70.63	2.13	251.75
	2.	100.0	0.06	0.04	0.91	0.61			11.01	0.28	21.73	13.02	11.39	0.34	40.61
	3.	288.26									134.75	80.75	70.63	2.13	
	4.	100.0									46.75	28.01	24.50	0.74	
Wayne	1.	409.65	1.50	22.25	3.38	0.75			12.38	83.13	87.25	84.13	53.25	13.38	48.25
	2.	100.0	0.37	5.43	0.82	0.18			3.02	20.29	21.30	20.54	13.00	3.27	11.78
	3.	238.01									87.25	84.13	53.25	13.38	
	4.	100.0									36.66	35.35	22.37	5.62	
Williamson	1.	582.78	0.50	2.75	9.75	3.25	0.25	5.13	32.50	0.63	115.13	113.63	172.88	37.25	89.13
	2.	100.0	0.09	0.47	1.67	0.56	0.04	0.88	5.58	0.11	19.76	19.50	29.66	6.39	15.29
	3.	438.89									115.13	113.63	172.88	37.25	
	4.	100.0									26.23	25.89	39.39	8.49	
Wilson	1.	521.90	12.50	6.25	11.13	2.50			7.50	78.00	108.38	71.00	51.13	21.38	152.13
	2.	100.0	2.39	1.20	2.13	0.48			1.44	14.94	20.77	13.60	9.80	4.10	29.15
	3.	251.89									108.38	71.00	51.13	21.38	
	4.	100.0									43.03	28.19	20.30	8.48	
District II Total	1.	3921.56	34.15	104.66	136.56	81.90	3.01	27.40	532.92	431.29	1567.55	1423.92	1364.57	380.31	2833.32
	2.	100.0	0.38	1.17	1.53	0.92	0.03	0.31	5.97	4.84	17.51	15.96	15.30	4.26	31.76
	3.	4736.35									1567.55	1423.92	1364.57	380.31	
	4.	100.0									33.10	30.06	28.81	8.03	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE XII

NUMBERS AND PERCENTS OF DISTRICT III 4-H AGENT DAYS EXPENDED BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Bledsoe	1.	411.54	2.50	8.13	1.13	2.50		1.50	0.13	13.63	60.63	104.63	61.38	24.63	130.75
	2.	100.0	0.61	1.97	0.27	0.61		0.37	0.03	3.31	14.73	25.43	14.92	5.98	31.77
	3.	251.27									60.63	104.63	61.38	24.63	
	4.	100.0									24.13	44.64	24.43	9.80	
Bradley	1.	372.78	0.75	5.88	18.38	0.50		1.38	94.25	0.38	40.63	68.75	77.63	29.00	35.25
	2.	100.0	0.20	1.58	4.93	0.13		0.37	25.28	0.10	10.90	18.44	20.83	7.78	9.46
	3.	216.01									40.63	68.75	77.63	29.00	
	4.	100.0									18.81	31.83	35.94	13.42	
Coffee	1.	389.40	6.75	3.88	3.25	1.25	2.50		35.25	97.88	34.13	3.38	0.25	35.00	165.88
	2.	100.0	1.73	1.00	0.84	0.32	0.64		9.05	25.14	8.76	0.87	0.06	8.99	42.60
	3.	72.76									34.13	3.38	0.25	35.00	
	4.	100.0									46.91	4.64	0.34	48.11	
Franklin	1.	400.17	1.88	2.13	4.13	0.88	4.63		66.13	10.38	44.00	24.75	25.88	5.75	209.63
	2.	100.0	0.47	0.53	1.03	0.22	1.16		16.52	2.59	11.00	6.18	6.47	1.44	52.39
	3.	100.38									44.00	24.75	25.88	5.75	
	4.	100.0									43.83	24.66	25.78	5.73	
Grundy	1.	398.66	0.25		11.13			2.13	5.00	9.13	58.13	71.63	53.63	12.38	175.25
	2.	100.0	0.06		2.79			0.53	1.25	22.90	14.58	17.97	13.45	3.11	43.97
	3.	195.77									58.13	71.63	53.63	12.38	
	4.	100.0									29.69	36.59	27.40	6.32	
Hamilton	1.	559.78	4.13	5.38	20.25	4.88			109.00	66.38	44.75	58.38	65.25	23.88	157.50
	2.	100.0	0.74	0.96	3.62	0.87			19.47	11.86	7.99	10.43	11.66	4.26	28.14
	3.	192.26									44.75	58.38	65.25	23.88	
	4.	100.0									23.28	30.36	33.94	12.42	
Marion	1.	314.15	0.50	0.50	1.25	2.75	0.13		17.38		49.13	34.38	55.75	13.25	139.13
	2.	100.0	0.16	0.16	0.40	0.87	0.04		5.53		15.64	10.94	17.75	4.22	44.29
	3.	152.51									49.13	34.38	55.75	13.25	
	4.	100.0									32.21	22.54	36.56	8.69	
McMinn	1.	540.91	0.38	2.00	16.63	2.88	1.75		12.38	16.63	82.50	73.88	72.00	20.13	239.75
	2.	100.0	0.07	0.37	3.07	0.53	0.32		2.29	3.08	15.25	13.66	13.31	3.72	44.33
	3.	248.51									82.50	73.88	72.00	20.13	
	4.	100.0									33.20	29.73	28.97	8.10	
Meigs	1.	229.89			0.38				26.50	0.25	46.38	40.50	43.13	5.25	67.50
	2.	100.0			0.16				11.53	0.11	20.17	17.62	18.76	2.28	29.37
	3.	135.26									46.38	40.50	43.13	5.25	
	4.	100.0									34.29	29.94	31.89	3.88	

Table XII (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Monroe	1.	393.04	0.25	0.38	8.63	1.38			33.75	0.25	51.63	42.63	36.88	18.38	198.88
	2.	100.0	0.06	0.10	2.19	0.35			8.59	0.06	13.14	10.85	9.38	4.68	50.60
	3.	149.52									51.63	42.63	36.88	18.38	
	4.	100.0									34.53	28.51	24.67	12.29	
Moore	1.	203.41			2.00		0.63	6.25	2.13	1.63	64.25	31.63	44.88	10.13	39.88
	2.	100.0			0.98		0.31	3.07	1.05	0.80	31.59	15.55	22.06	4.98	19.61
	3.	150.89									64.25	31.63	44.88	10.13	
	4.	100.0									42.59	20.96	29.74	6.71	
Polk	1.	455.28	0.25	0.38	0.63				8.13	89.13	56.13	50.13	42.25	15.25	193.00
	2.	100.0	0.06	0.08	0.14				1.78	19.58	12.33	11.01	9.28	3.35	42.39
	3.	163.76									56.13	50.13	42.25	15.25	
	4.	100.0									34.28	30.61	25.80	9.31	
Rhea	1.	357.39		0.25	1.88	1.50			45.00	1.00	17.25	71.38	96.75	22.25	100.13
	2.	100.0		0.07	0.52	0.42			12.57	0.28	4.83	19.97	27.07	6.23	28.02
	3.	207.63									17.25	71.38	96.75	22.25	
	4.	100.0									8.31	34.38	46.60	10.71	
Sequatchie	1.	192.77	0.13		0.50	2.25	2.25		0.63		69.13	28.63	21.50	18.00	49.75
	2.	100.0	0.07		0.26	1.17	1.17		0.32		35.86	14.85	11.15	9.34	25.81
	3.	137.26									69.13	28.63	21.50	18.00	
	4.	100.0									50.16	20.86	15.67	13.11	
Van Buren	1.	163.77			0.38	0.25	0.75		21.88	2.75	18.13	16.50	26.75		76.38
	2.	100.0			0.23	0.15	0.46		13.36	1.68	11.07	10.08	16.33		46.64
	3.	61.38									18.13	16.50	26.75		
	4.	100.0									29.53	26.88	43.59		
Warren	1.	388.15		18.13		11.00		4.63	61.50	75.38	24.50	25.75	37.38	8.50	121.38
	2.	100.0		4.67		2.83		1.19	15.85	19.42	6.31	6.64	9.63	2.19	31.27
	3.	96.13									24.50	25.75	37.38	8.50	
	4.	100.0									25.49	26.79	38.88	8.84	
District III Total	1.	5771.09	17.77	47.04	90.55	32.02	12.64	15.89	539.04	384.80	761.30	746.93	761.29	261.78	2100.04
	2.	100.0	0.31	0.81	1.57	0.55	0.22	0.28	9.34	6.67	13.19	12.94	13.19	4.54	36.39
	3.	2531.30									761.30	746.93	761.29	261.78	
	4.	100.0									30.08	29.51	30.07	10.34	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE XIII

NUMBERS AND PERCENTS OF DISTRICT IV 4-H AGENT DAYS EXPENDED BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Total *	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Cannon	1.	332.53	0.88	0.25	13.13	0.38	0.63	20.88	36.88		104.25	60.75	47.25	17.75	29.50
	2.	100.0	0.26	0.08	3.95	0.11	0.19	6.28	11.09		31.35	18.27	14.21	5.34	8.87
	3.	230.00									104.25	60.75	47.25	17.75	
	4.	100.0									45.33	26.44	20.54	7.72	
Clay	1.	469.15		2.38	1.50	0.63			14.50	47.38	47.25	42.75	31.13	1.25	280.38
	2.	100.0		0.51	0.32	0.13			3.09	10.10	10.07	9.11	6.63	0.27	59.77
	3.	122.38									47.25	42.75	31.13	1.25	
	4.	100.0									38.61	34.93	25.44	1.02	
Cumberland	1.	357.52	0.50	0.75	10.25	1.00			171.00	4.63	42.00	62.13	21.88	11.88	31.50
	2.	100.0	0.14	0.21	2.87	0.28			47.83	1.29	11.75	17.38	6.12	3.32	8.81
	3.	137.89									42.00	62.13	21.88	11.88	
	4.	100.0									30.46	45.06	15.27	8.61	
DeKalb	1.	350.02		0.75	0.63				6.63	18.25	69.88	45.50	25.13	2.75	180.50
	2.	100.0		0.21	0.18				1.89	5.21	19.97	13.00	7.18	0.79	51.57
	3.	143.26									69.88	45.50	25.13	2.75	
	4.	100.0									48.78	31.76	17.54	1.92	
Fentress	1.	314.01	29.75							28.00	21.50	8.75		2.63	223.38
	2.	100.0	9.47							8.92	6.85	2.79		0.83	71.14
	3.	32.88									21.50	8.75		2.63	
	4.	100.0									65.40	26.62		7.98	
Jackson	1.	175.03			0.63				15.63	0.25	11.50	17.88	21.13	1.38	106.63
	2.	100.0			0.36				8.93	0.14	6.57	10.21	12.07	0.79	60.93
	3.	51.89									11.50	17.88	21.13	1.38	
	4.	100.0									22.17	34.46	40.72	2.65	
Macon	1.	393.51	0.50			0.75				100.00	94.75	106.38	66.00	9.00	16.13
	2.	100.0	0.13			0.19				25.41	24.08	27.03	16.77	2.29	4.10
	3.	276.13									94.75	106.38	66.00	9.00	
	4.	100.0									34.31	38.53	23.90	3.26	
Morgan	1.	485.77		0.13	2.88				309.88	94.00	20.75	42.75	2.50	0.13	12.75
	2.	100.0		0.03	0.59				63.79	19.35	4.27	8.80	0.52	0.03	2.62
	3.	66.13									20.75	42.75	2.50	0.13	
	4.	100.0									31.38	64.65	3.78	0.19	

Table XIII (Continued)

County		Total *	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Overton	1.	244.65		1.13	0.88	0.25			5.25		54.75	19.00	0.63	6.38	156.38
	2.	100.0		0.46	0.36	0.10			2.15		22.38	7.77	0.25	2.61	63.92
	3.	80.76									54.75	19.00	0.63	6.38	
	4.	100.0									67.80	23.53	0.77	7.90	
Pickett	1.	91.01							1.00		3.63	15.13	16.00	1.00	54.25
	2.	100.0							1.10		3.98	16.62	17.58	1.10	59.62
	3.	35.76									3.63	15.13	16.00	1.00	
	4.	100.0									10.14	42.31	44.75	2.80	
Putnam	1.	452.91	6.63	7.88	2.25	2.13	0.25		8.63	85.50	125.88	50.00	75.13	10.75	77.88
	2.	100.0	1.46	1.74	0.50	0.47	0.06		1.90	18.88	27.79	11.04	16.59	2.37	17.20
	3.	261.76									125.88	50.00	75.13	10.75	
	4.	100.0									48.09	19.10	28.70	4.11	
Scott	1.	212.64		7.00	2.50				0.50	93.25	11.88	21.00	28.88	3.50	44.13
	2.	100.0		3.29	1.18				0.23	43.86	5.58	9.88	13.58	1.65	20.75
	3.	65.26									11.88	21.00	28.88	3.50	
	4.	100.0									18.20	32.18	44.25	5.37	
Smith	1.	398.77			1.00	3.13	6.50	3.00	8.13		55.25	85.88	67.25	9.00	159.63
	2.	100.0			0.25	0.78	1.63	0.75	2.04		13.86	21.54	16.86	2.26	40.03
	3.	217.38									55.25	85.88	67.25	9.00	
	4.	100.0									25.42	39.50	30.94	4.14	
Trousdale	1.	203.01	0.88		0.50			2.75	4.00		43.75	79.50	56.13	8.50	7.00
	2.	100.0	0.43		0.25			1.35	1.97		21.55	39.16	27.65	4.19	3.45
	3.	187.88									43.75	79.50	56.13	8.50	
	4.	100.0									23.29	42.32	29.87	4.52	
White	1.	453.65		1.25	6.13	1.75		10.25	7.38	1.00	74.50	130.88	78.63	14.13	127.75
	2.	100.0		0.28	1.35	0.39		2.26	1.63	0.22	16.42	28.85	17.33	3.11	28.16
	3.	298.14									74.50	130.88	78.63	14.13	
	4.	100.0									24.99	43.90	26.37	4.74	
District IV Total	1.	4934.18	39.14	21.52	42.28	10.02	7.38	36.88	589.41	472.26	781.52	788.28	537.67	100.03	1507.79
	2	100.0	0.79	0.43	0.86	0.20	0.15	0.75	11.94	9.57	15.84	15.98	10.90	2.03	30.56
	3.	2207.50									781.52	788.28	537.67	100.03	
	4.	100.0									34.40	35.71	24.36	4.53	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE XIV

NUMBERS AND PERCENTS OF DISTRICT V 4-H AGENT DAYS EXPENDED BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Anderson	1.	340.03	1.00	8.25	2.50	5.25	1.00	1.38	28.38	6.38	68.63	74.25	52.38	30.75	59.88
	2.	100.0	0.29	2.43	0.74	1.54	0.29	0.40	8.35	1.88	20.19	21.84	15.40	9.04	17.61
	3.	226.01									68.63	74.25	52.38	30.75	
	4.	100.0									30.37	32.85	23.17	13.61	
Blount	1.	395.02	7.00	6.00	4.75	21.13	0.50		103.13		48.00	36.38	23.38	14.75	130.00
	2.	100.0	1.77	1.52	1.20	5.35	0.13		26.11		12.15	9.21	5.92	3.73	32.91
	3.	122.51									48.00	36.38	23.38	14.75	
	4.	100.0									39.18	29.70	19.08	12.04	
Campbell	1.	409.40	1.25	12.50	7.63					95.63	42.50	84.63	51.75	3.63	109.88
	2.	100.0	0.31	3.05	1.86					23.36	10.38	20.67	12.64	0.89	26.84
	3.	182.51									42.50	84.63	51.75	3.63	
	4.	100.0									23.29	46.37	28.35	1.99	
Carter	1.	613.16	11.50	7.00	6.88	0.38	0.88	2.38	11.63	86.63	100.38	79.25	35.75	20.00	250.50
	2.	100.0	1.88	1.14	1.12	0.06	0.14	0.39	1.90	14.13	16.37	12.92	5.83	3.26	40.86
	3.	235.38									100.38	79.25	35.75	20.00	
	4.	100.0									42.64	33.67	15.19	8.50	
Claiborne	1.	388.01		1.25	0.50	0.50		0.25	2.75	73.50	57.25	86.75	44.75	12.13	108.38
	2.	100.0		0.32	0.13	0.13		0.06	0.71	18.94	14.76	22.36	11.53	3.13	27.93
	3.	200.88									57.25	86.75	44.75	12.13	
	4.	100.0									28.50	43.18	22.28	6.04	
Cocke	1.	326.66		17.88	1.88		0.13	1.63	17.88		72.88	48.13	32.75	17.50	116.00
	2.	100.0		5.47	0.57		0.04	0.50	5.47		22.31	14.73	10.03	5.36	35.52
	3.	171.26									72.88	48.13	32.75	17.50	
	4.	100.0									42.56	28.10	19.12	10.22	
Grainger	1.	274.03	4.50	4.88	2.88	0.13	1.13		0.50	67.88	31.38	56.25	27.00		77.50
	2.	100.0	1.64	1.78	1.05	0.05	0.41		0.18	24.77	11.45	20.53	9.85		28.29
	3.	114.63									31.38	56.25	27.00		
	4.	100.0									27.37	49.07	23.56		

Table XIV (Continued)

County -		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Home-makers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Greene	1.	354.66			1.38	1.63	2.63	15.75	21.63		59.50	47.63	35.25	22.38	146.88
	2.	100.0			0.39	0.46	0.74	4.44	6.10		16.78	13.43	9.94	6.31	41.41
	3.	164.76									59.50	47.63	35.25	22.38	
	4.	100.0									36.11	28.91	21.40	13.58	
Hamblen	1.	556.28	0.63	7.25	0.63	42.75		7.88	33.00		64.88	97.50	70.88	60.13	170.75
	2.	100.0	0.11	1.30	0.11	7.69		1.42	5.93		11.66	17.53	12.74	10.81	30.70
	3.	393.35									64.88	97.50	70.88	60.13	
	4.	100.0									22.11	33.23	24.11	20.50	
Hancock	1.	187.02	2.63	1.50	1.00	0.38				0.75	48.75	59.75	59.00	2.88	10.38
	2.	100.0	1.40	0.80	0.54	0.20				0.40	26.07	31.95	31.55	1.54	5.55
	3.	170.38									48.75	59.75	59.00	2.88	
	4.	100.0									28.61	35.07	34.63	1.69	
Hawkins	1.	541.16	0.50	4.88	5.75	3.25			0.38	72.88	137.63	80.75	86.38	23.38	125.38
	2.	100.0	0.09	0.90	1.06	0.60			0.07	13.47	25.44	14.92	15.96	4.32	23.17
	3.	528.14									137.63	80.75	86.38	23.38	
	4.	100.0									44.94	24.61	26.33	7.12	
Jefferson	1.	289.02		0.25	1.75	0.38	0.88		12.00	0.25	41.50	22.13	45.00	16.00	148.88
	2.	100.0		0.09	0.60	0.13	0.30		4.15	0.09	14.36	7.66	15.51	5.54	51.51
	3.	124.63									41.50	22.13	45.00	16.00	
	4.	100.0									33.30	17.75	36.11	12.84	
Johnson	1.	373.03	9.13	3.38	15.38			0.75	1.38	0.38	77.38	71.25	53.50	16.00	124.50
	2.	100.0	2.45	0.91	4.12			0.20	0.37	0.10	20.74	19.10	14.34	4.29	33.38
	3.	218.13									77.38	71.25	53.50	16.00	
	4.	100.0									35.47	32.66	24.53	7.34	
Knox	1.	580.40	0.50	29.50	12.50	0.75	0.25	1.13	48.63	0.50	61.25	117.38	190.88	5.25	111.88
	2.	100.0	0.09	5.08	2.15	0.13	0.04	0.19	8.38	0.09	10.55	20.22	32.89	0.91	19.28
	3.	374.76									61.25	117.38	190.88	5.25	
	4.	100.0									16.35	31.32	50.93	1.40	
Loudon	1.	183.28	0.50	4.63	5.50			2.13	31.38	0.50	21.00	33.00	26.63	17.13	40.88
	2.	100.0	0.27	2.52	3.00			1.16	17.12	0.27	11.46	18.01	14.53	9.35	22.31
	3.	97.76									21.00	33.00	26.63	17.13	
	4.	100.0									21.48	33.76	27.24	17.52	

Table XIV (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Roane	1.	463.27		21.00	5.25	11.75			111.38	63.25	24.13	55.13	44.38	14.00	113.00
	2.	100.0		4.53	1.13	2.54			24.04	13.66	5.21	11.90	9.58	3.02	24.39
	3.	137.64									24.13	55.13	44.38	14.00	
	4.	100.0									17.53	40.06	32.24	10.17	
Sevier	1.	266.15	0.63	0.75	5.50				3.25		56.38	67.38	45.63	14.13	72.50
	2.	100.0	0.24	0.28	2.07				1.22		21.18	25.32	17.14	5.31	27.24
	3.	183.52									56.38	67.38	45.63	14.13	
	4.	100.0									30.72	36.72	24.86	7.70	
Sullivan	1.	509.40	2.25	0.88	22.13	0.75	1.50	3.00	44.13	8.50	72.50	121.38	136.25	25.63	70.50
	2.	100.0	0.44	0.17	4.35	0.15	0.29	0.59	8.66	1.67	14.23	23.83	26.75	5.03	13.84
	3.	355.76									72.50	121.38	136.25	25.63	
	4.	100.0									20.38	34.12	38.30	7.20	
Unicoi	1.	153.78		0.13	2.75	0.50			2.88		20.13	27.13	16.88	11.88	71.50
	2.	100.0		0.08	1.79	0.33			1.87		13.09	17.64	10.98	7.72	46.50
	3.	76.02									20.13	27.13	16.88	11.88	
	4.	100.0									26.48	35.69	22.20	15.63	
Union	1.	235.89	0.50		0.25	0.25	0.38		0.75		21.13	106.38	71.25	13.25	21.75
	2.	100.0	0.21		0.10	0.10	0.16		0.32		8.95	45.10	30.21	5.62	9.22
	3.	212.01									21.13	106.38	71.25	13.25	
	4.	100.0									9.96	50.18	33.61	6.25	
Washington	1.	432.53	0.50	9.50	0.13	0.50		9.13	0.63		78.38	129.13	109.50	22.38	72.75
	2.	100.0	0.12	2.20	0.03	0.12		2.11	0.14		18.12	29.85	25.32	5.17	16.82
	3.	339.39									78.38	129.13	109.50	22.38	
	4.	100.0									23.69	38.05	32.27	6.59	
District V Total	1.	7872.18	43.02	141.41	106.92	90.28	9.28	45.41	475.69	477.03	1,205.56	1,501.56	1,259.17	363.18	2,153.67
	2.	100.0	0.55	1.80	1.36	1.15	0.12	0.58	6.04	6.06	15.31	19.07	15.99	4.61	27.36
	3.	4329.47									1,205.56	1,501.56	1,259.17	363.18	
	4.	100.0									27.85	34.68	29.08	8.39	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

and for Senior was 5,246.35 agent days, 15.39 percent of all 4-H time expended and 31.17 percent of time spent for the four primary audiences. Thus, agents expended relatively more time with 4-Hers in the middle years than on either younger or older audiences. Also, they had spent more time with Seniors than with Explorers - possibly recognizing the greater complexity of programs attracting older youth.

In addition, three TEMIS 4-H audiences, General 4-H, Youth/Adult (4-H) and SPIFFY, in that order, accounted for most (i.e., 90.47 percent) of the remainder (17,263.15 agent days; 50.63 percent) of all time expended for 4-H work in the State in FY 1978. The General 4-H audience, with 10,808.61 days, was apparently used by agents when they worked with 4-Hers in two or more of the four primary audiences (e.g. mixed clubs; fairs and contests).

Youth/Adult (4-H), with 2,600.73 days was second most popular among non-primary audience areas - showing involvement of members and adult leaders in many situations.

Again, SPIFFY, with 2,212.53 days is the federally-funded Special Program in Foods for Youth existing in some counties in FY 1978. Participants may or may not also have belonged to 4-H Clubs.

Comparisons of District Data

When District totals in Table VIII are compared, it is seen that districts ranked, in descending order of agent days expended for total 4-H work, as follows: 1) District II, 8,921.56 days expended; 2) District V, 7,872.18 days expended; 3) District I, 6,595.32 days expended; 4) District III, 5,771.09 days expended and 5) District IV, 4,934.18 days expended.

Regarding time expended for the four primary audiences only, Districts ranked again in descending order: 1) District II, 4,736.35 days; 2) District V, 4,329.47 days; 3) District I, 3,026.56 days; 4) District III, 2,531.30 days and 5) District IV, 2,207.50 days.

Percents that district totals for the four primary audiences were of total time expended for all 4-H work, then, in descending order were: 1) District V, 55.00 percent of time expended; 2) District II, 53.09 percent of time expended; 3) District I, 45.89 percent; 4) District IV, 44.74 percent and 5) District III, 43.86 percent.

Percents of time expended for Explorers, of all 4-H time expended ranged from 4.61 percent for District V to 2.03 percent for District IV, while percents of time expended for Explorers of time shown for the four primary audiences ranged from 10.34 percent in District III to 4.53 percent in District IV.

Percents of time expended for Junior, of all 4-H time expended ranged from 15.99 percent for District V to 10.90 percent for District IV, while precents of time expended for Juniors of time expended for the four primary audience ranged from 30.07 percent in District III to 24.36 percent in District IV.

Percents of time expended for Junior Highs, of all 4-H time expended, ranged from 1907 percent for District V to 12.94 percent for District III, while percents of time expended for Junior Highs of time expended for the four primary audiences ranged from 35.71 percent in District IV to 29.51 percent in District III.

Percent of time expended for Seniors of all 4-H time expended ranged from 17.57 percent for District II to 13.19 percent for District III, while percents of time expended for Seniors of time expended for the four primary audiences ranged from 35.40 percent in District IV to 27.85 percent in District V.

District III had the largest percent of time expended for the General 4-H audience, 36.39 percent, while District V had the smallest, 27.36 percent. District IV reported the highest percent (11.94, of time expended for Youth/Adult (4-H), while District II had the least, 5.97 percent. District IV 9.57 percent, reported the largest proportion of time expended for SPIFFY, while District II, 4.84 reported the least.

Table IX information shows that average days per county expended for all 4-H audiences varied from 329 days per county in District IV to 406 days in District II. Average days per county expended for the four primary audiences varied from 147 in District IV to 215 in District II.

District II showed the greatest range in average agent days expended per county for all 4-H work (i.e. from 75.90 to 1034.91), while District IV had the smallest range (i.e. from 91.01 to 485.77). Regarding average agent days expended per county for the four primary audiences, District II again reported the largest range (i.e. 57.13 - 438.89) and District III, the smallest (i.e. 61.38 - 251.29).

District I County Comparisons

References to figures in Table X shows that Benton County had the lowest number of days expended for all 4-H work, 121.90, and Shelby, 848.52, the highest in District I. On the other hand, Tipton had 15.88 days all told expended for the four primary audiences, while Decatur, 289.39 days, had the most time expended.

Major portions of time were expended in the following counties for the General 4-H audience: 1) Crockett, 66.20 percent; 2) Chester, 59.39 percent; 3) Tipton, 56.58 percent; 4) Shelby, 52.90 percent; 5) Madison, 51.04 percent; 6) Dyer, 47.90 percent; 7) Carroll, 42.93 percent; 8) Obion, 38.46 percent; 9) Henderson, 38.06 percent; 10) Benton, 33.33 percent; 11) Hardeman, 32.77 percent; 12) Lauderdale, 27.30 percent; 13) Weakley, 21.88 percent; 14) Henry, 18.43 percent; 15) Gibson, 13.37 percent; 16) Fayette, 13.04 percent; 17) Hardin, 11.13 percent and 18) Decatur, 10.94 percent.

Nine counties reported consequential work in the Youth/Adult (4-H) audience. Those reporting included: 1) Hardin, 16.56 percent; 2) Obion, 15.15 percent; 3) Weakley, 13.99 percent; 4) Gibson, 11.88 percent; 5) Benton, 11.69 percent; 6) Henderson, 11.60 percent; 7) Haywood, 11.42 percent; 8) Decatur, 9.87 percent and 9) Tipton, 9.34 percent.

Six counties reporting consequential SPIFFY work included: 1) McNairy County, 34.06 percent; 2) Henry, 20.66 percent; 3) Carroll, 13.64 percent; 4) Dyer, 12.69 percent; 5) Gibson, 12.17 percent and 6) Shelby, 11.05 percent.

Tipton County, 11.51 percent, reported Leaders (Volunteer, Adult) at a consequential level.

Benton reported 6.26 percent of all 4-H time expended with Young Farmers and Homemakers (YF&H).

District II County Comparisons

Reference to figures in Table XI shows that Houston County had the lowest number of days expended for all 4-H work, 75.99, and Davidson, 1,034.91, the highest. At the same time, Houston had only 57.13 days expended for the four primary audiences, while Williamson, 438.89 days, had the most time expended.

Major portions of time were expended in all the District II counties for the General 4-H audience, as follows: 1) Humphreys, 57.12 percent; 2) Davidson, 46.90 percent; 3) Montgomery, 46.73 percent; 4) Rutherford, 44.60 percent; 5) Summer, 40.61 percent; 6) Marshall, 38.26 percent; 7) Dickson, 34.31 percent; 8) Bedford, 32.71 percent; 9) Lincoln, 31.11 percent; 10) Maury, 30.31 percent; 11) Wilson, 29.15 percent; 12) Perry, 26.02 percent; 13) Lewis, 25.80 percent; 14) Robertson, 19.88 percent; 15) Houston, 19.28 percent; 16) Hickman, 18.85 percent; 17) Williamson, 15.29 percent; 18) Lawrence, 14.70 percent; 19) Stewart, 14.35 percent; 20) Giles, 14.16 percent; 21) Cheatham, 12.55 percent and 22) Wayne, 11.78 percent.

Six counties reported consequential work in the Youth/Adult (4-H) audience. Those reporting included: 1) Cheatham, 21.07 percent; 2) Giles, 14.06 percent; 3) Lincoln, 12.19 percent; 4) Sumner, 11.01 percent; 5) Perry, 10.58 percent and 6) Bedford, 9.47 percent.

Five counties reporting consequential SPIFFY work included: 1) Stewart, 29.76 percent; 2) Hickman, 24.20 percent; 3) Wayne, 20.29 percent; 4) Wilson, 14.94 percent and 5) Lincoln, 13.03 percent.

Lawrence, 9.03 percent reported consequential work with Youth/Adult (Other). Only 0.31 percent of all District II 4-H time was reportedly spent with YF&H.

District III County Comparisons

Reference to figures in Table XII shows that Van Buren County had the lowest number of days expended for all 4-H work, 163.77, and Hamilton, 559.78, the highest in District III. At the same time, Van Buren, had only 61.38 total days expended for the four primary audiences, while Bledsoe, 251.27 days, had the most time expended.

Major portions of time were expended in the following counties for the General 4-H audience: 1) Franklin, 52.39 percent; 2) Monroe, 50.60 percent; 3) Van Buren, 46.46 percent; 4) McMinn, 44.33 percent; 5) Marion, 44.29 percent; 6) Grundy, 43.97 percent; 7) Coffee, 42.60 percent; 8) Polk, 42.39 percent; 9) Bledsoe, 31.77 percent; 10) Warren, 31.27 percent; 11) Meigs, 29.37 percent; 12) Hamilton, 28.14 percent; 13) Rhea, 28.02 percent; 14) Sequatchie, 25.81 percent; 15) Moore, 19.61 percent and 16) Bradley, 9.46 percent.

Eight counties reported consequential work in the Youth/Adult (4-H) audience. Those reporting included: 1) Bradley, 25.28 percent; 2) Hamilton, 19.47 percent; 3) Franklin, 16.52 percent; 4) Warren, 15.85 percent; 5) Van Buren, 13.36 percent; 6) Rhea, 12.57 percent; 7) Meigs, 11.53 percent and 8) Coffee, 9.05 percent.

Five counties reporting consequential SPIFFY work included: 1) Coffee, 25.14 percent; 2) Grundy, 22.90 percent; 3) Polk, 19.58 percent; 4) Warren, 19.42 percent and 5) Hamilton, 11.86 percent.

District IV County Comparisons

Reference to figures in Table XIII shows that Pickett County had the lowest numbers of days expended for all 4-H work, 91.01, and Morgan, 485.77, the highest in District IV. On the other hand, Fentress had only 32.88 total days expended for the four primary audiences, while White, 298.14 days, had the most time expended.

Major portions of time were expended in the following counties for the General 4-H audience: 1) Fentress, 71.14 percent; 2) Overton, 63.92 percent; 3) Jackson, 60.93 percent; 4) Clay, 59.77 percent; 5) Pickett, 59.62 percent; 6) DeKalb, 51.57 percent; 7) Smith, 40.03 percent; 8) White, 28.16 percent; 9) Scott, 20.75 percent and 10) Putnam, 17.20 percent.

Five counties reporting consequential SPIFFY work included: 1) Scott, 43.86 percent; 2) Macon, 25.41 percent; 3) Morgan, 19.35 percent; 4) Putnam, 18.88 percent and 5) Clay, 10.10 percent.

Three counties reported consequential work in the Youth/Adult (4-H) audience. Those reporting included: 1) Morgan, 63.79 percent; 2) Cumberland, 47.83 percent and 3) Cannon, 11.09 percent.

Fentress, reported 9.47 percent of all 4-H time expended with Leaders (Volunteer, Junior, and/or Teen). Scarcely any time was reported for YF&H, though Cannon had 6.28 percent here.

District V County Comparisons

Reference to figures in Table XIV shows that Unicoi County had the lowest number of days expended for all 4-H work, 153.78, and Carter, 613.16, the highest in District V. At the same time, Unicoi had 76.02 total days expended for the four primary audiences, the least time shown, while Knox, 374.76 days, had the most time expended.

Major portions of time were expended in the following counties for the General 4-H audience: 1) Jefferson, 51.51 percent; 2) Unicoi, 46.50 percent; 3) Greene, 41.41 percent; 4) Carter, 40.86 percent; 5) Cocke, 35.52 percent; 6) Johnson 33.38 percent; 7) Blount, 32.91 percent; 8) Hamblen, 30.70 percent; 9) Grainger, 28.29 percent; 10) Claiborne, 27.93 percent; 11) Sevier, 27.24 percent; 12) Campbell, 26.84 percent; 13) Roane, 24.39 percent; 14) Hawkins, 23.17 percent; 15) Loudon, 22.31 percent; 16) Knox, 19.28 percent; 17) Anderson, 17.61 percent; 18) Washington, 16.82 percent; 19) Sullivan, 13.84 percent and 20) Union, 9.22 percent.

Six counties reported consequential work in the Youth SPIFFY audience. Those reporting included: 1) Grainger, 24.77 percent; 2) Campbell, 23.36 percent; 3) Claiborne, 18.94 percent; 4) Carter, 14.13 percent; 5) Roane, 13.66 percent and 6) Hawkins, 13.47 percent.

Three counties reporting consequential Youth/Adult (4-H) work included: 1) Blount, 26.11 percent; 2) Roane, 24.04 percent and 3) Loudon, 17.12 percent.

Greene County had 4.44 percent of all 4-H time indicated for YF&H, the highest in District V.

C. AGENT CONTACTS MADE FY 1978

Tables XV - XXI include data showing 4-H agent contacts reported by Tennessee Extension personnel in their FY 1978 Weekly Activity Reports by 4-H audience. Tables XV and XVI present district and State summaries, while Tables XVII - XXI show county summaries for the five Extension supervisory districts.

Discussion of State Totals

Reference to Table XV discloses that 4-H agents in the State contacted a total of 2,439,543 people in 4-H work with the various 13 audiences listed, a total of 1,322,844 contacts or 54.23 percent of the 2,439,543 total, included in the four primary audiences in FY 1978. Contacts for work with Explorers was 181,442, 7.44 percent of all 4-H contacts and 13.72 percent of contacts specifically reported for work with the four primary audiences; with Juniors was 559,810 contacts, 22.95 percent of all 4-H contacts and 42.32 percent of contacts especially with the four primary audiences; for Junior High was 423,600 contacts, 17.36 percent of all 4-H contacts made and 32.02 percent of contacts with the four primary audiences; and for Seniors was 157,992 contacts, 6.48 percent of all 4-H contacts and 11.94 percent of contacts with the four primary audiences. Thus, agents contacted relatively more youth in the middle years of 4-H than with either younger or older audiences. Also, they had contacted somewhat greater numbers of Explorers than Seniors.

TABLE XV

NUMBERS AND PERCENTS OF TENNESSEE 4-H AGENT CONTACTS MADE WITH AUDIENCES ACCORDING TO DISTRICT AND STATE TOTALS, FY 1978

District		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
District I	1.	463,755	313	4,177	3,501	5,045	1,935	2,284	25,242	13,521	23,027	83,363	107,674	29,216	164,457
	2.	100.0	0.07	0.90	0.75	1.09	0.52	0.49	5.44	2.92	4.96	17.98	23.22	6.30	35.46
	3.	243,280									23,027	83,363	107,674	29,216	
	4.	100.0									9.46	34.27	44.26	12.01	
District II	1.	622,403	900	3,778	5,919	3,836	419	1,064	39,359	19,797	57,297	104,710	175,685	54,464	155,166
	2.	100.0	0.14	0.61	0.95	0.62	0.07	0.17	6.32	3.18	9.21	16.82	28.23	8.75	24.93
	3.	392,165									57,297	104,710	175,685	54,464	
	4.	100.0									14.61	26.70	44.80	13.89	
District III	1.	419,311	5,203	2,671	5,477	8,099	1,243	374	38,703	20,461	21,564	57,595	90,035	36,813	131,073
	2.	100.0	1.24	0.64	1.31	1.93	0.30	0.09	9.23	4.88	5.14	13.73	21.47	8.78	31.26
	3.	206,007									21,564	57,595	90,035	36,813	
	4.	100.0									10.47	27.96	43.70	17.87	
District IV	1.	390,348	505	230	835	436	241	1,544	153,210	34,761	16,648	40,554	45,323	12,170	83,891
	2.	100.0	0.13	0.06	0.21	0.11	0.06	0.40	39.25	8.91	4.26	10.39	11.61	3.12	21.49
	3.	114,695									16,648	40,554	45,323	12,170	
	4.	100.0									14.51	35.36	39.52	10.61	
District V	1.	543,726	1,268	3,321	7.723	5,101	1,452	1,065	24,439	42,508	39,456	137,369	141,093	48,779	90.152
	2.	100.0	0.23	0.61	1.42	0.94	0.27	0.20	4.49	7.82	7.26	25.26	25.95	8.97	16.58
	3.	366,697									39,456	137,369	141,093	48,779	
	4.	100.0									10.76	37.46	38.48	13.30	
State Total	1.	2,439,543	8,189	14,177	23,455	22,517	5,290	6,331	280,953	131,048	157,992	423,600	559,810	181,442	624,739
	2.	100.0	0.33	0.58	0.96	0.92	0.22	0.26	11.52	5.37	6.48	17.36	22.95	7.44	25.61
	3.	1,322,844									157,992	423,600	559,810	181,442	624,739
	4.	100.0									11.94	32.02	42.32	13.72	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE XVI

AVERAGE NUMBERS OF TENNESSEE 4-H AGENT CONTACTS MADE WITH AUDIENCES PER COUNTY, AND RANGES, ACCORDING TO DISTRICT AND STATE TOTALS, FY 1978

Audience Grouping	State Total	District I	District II	District III	District IV	District V
All 4-H Audience						
Average Per County	25953	23188	28291	26207	26023	25892
Range in Averages Per County	6600-143724	7261-88125	7211-56295	7064-143724	9304-55916	9304-55916
Four Primary Audiences						
Average Per County	14073	12164	17826	12875	7646	17462
Range in Averages Per County	805-50041	980-21894	5609-50041	4323-32388	805-21556	4864-49867

TABLE XVII

NUMBERS AND PERCENTS OF DISTRICT 1 4-H AGENT CONTACTS MADE WITH AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County*		Total**	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Benton	1.	11,015			1	9		334	583		780	3,537	3,347	1,599	825
	2.	100.0			0.01	0.08		3.03	5.30		7.08	32.11	30.38	14.52	7.49
	3.	9,263									780	3,537	3,347	1,599	
	4.	100.0									8.42	38.19	36.13	17.26	
Carroll	1.	25,592	53	28	808	204	972		312	1,372	985	4,087	3,443	473	12,855
	2.	100.0	0.21	0.11	3.15	0.80	3.80		1.22	5.36	3.85	15.97	13.45	1.85	50.23
	3.	8,988									985	4,087	3,443	473	
	4.	100.0									10.96	45.47	38.31	5.26	
Chester	1.	7.261			3			10			114	3,123	1,336	213	2,462
	2.	100.0			0.04			0.14			1.57	43.01	18.40	2.93	33.91
	3.	4,786									114	3,123	1,336	213	
	4.	100.0									2.38	65.25	27.92	4.45	
Crockett	1.	13,696	26	25	35		22		350		329	595	1,418	329	10,567
	2.	100.0	0.19	0.18	0.26		0.16		2.56		2.40	4.34	10.35	2.40	77.16
	3.	2,671									329	595	1,418	329	
	4.	100.0									12.32	22.27	53.09	12.32	
Decatur	1.	14,321		3	51	58		373	1,205		2,152	6,089	1,698	1,081	1,671
	2.	100.0		0.02	0.36	0.40		2.59	8.38		14.96	42.34	11.81	7.52	11.62
	3.	11,020									2,152	6,089	1,698	1,081	
	4.	100.0									19.53	55.25	15.41	9.81	
Dyer	1.	23,322	7	22	140	1,714	86		439	1,570	817	3,663	3,594	1,982	9,288
	2.	100.0	0.03	0.09	0.60	7.35	0.37		1.88	6.73	3.50	15.71	15.41	8.50	39.83
	3.	10,056									817	3,663	3,594	1,982	
	4.	100.0									8.12	36.43	35.74	19.71	
Fayette	1.	22,857				358			216	4	1,353	9,047	7,874	2,920	1,085
	2.	100.0				1.57			0.94	0.02	5.92	39.58	34.45	12.77	4.74
	3.	21,194									1,353	9,047	7,874	2,920	
	4.	100.0									6.38	42.69	37.15	13.78	
Gibson	1.	30,572	7	245	124	246		263	3,016	2,811	2,590	7,337	11,967		1,966
	2.	100.0	0.02	0.80	0.41	0.81		0.86	9.86	9.20	8.47	24.00	39.14		6.43
	3.	21,894									2,590	7,337	11,967		
	4.	100.0									11.83	33.51	54.66		
Hardeman	1.	19,133		2	66	3	62		64	193	507	4,125	6,849	2,317	4,945
	2.	100.0		0.01	0.34	0.02	0.32		0.34	1.01	2.65	21.56	35.80	12.11	35.84
	3.	13,798									507	4,125	6,849	2,317	
	4.	100.0									3.67	29.90	49.64	16.79	
Hardin	1.	16,208	5		17	58			1,071	101	1,410	5,962	7,137	50	397
	2.	100.0	0.03		0.11	0.36			6.61	0.62	8.70	36.78	44.03	0.31	2.45
	3.	14,559									1,410	5,962	7,137	50	
	4.	100.0									9.69	40.95	49.02	0.34	
Haywood	1.	17,529		10	4				37.06		2,640	5,251	5,736	182	
	2.	100.0		0.06	0.02				21.14		15.06	29.96	32.72	1.04	
	3.	13,809									2,640	5,251	5,736	182	
	4.	100.0									19.12	38.02	41.54	1.32	

Table XVII (Continued)

County*		Total**	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Henderson	1.	26,737	12	555	73	225	691	126	2,769		1,660	4,718	4,914	2,729	8,265
	2.	100.0	0.04	2.08	0.27	0.84	2.58	0.47	10.36		6.21	17.65	18.38	10.21	30.91
	3.	14,021									1,660	4,718	4,914	2,729	
	4.	100.0									11.84	33.65	35.05	19.46	
Henry	1.	24,981	5	142	242		2		1,969	1,156	1,189	5,772	7,790	3,376	3,338
	2.	100.0	0.02	0.57	0.97		0.01		7.88	4.63	4.76	23.11	31.18	13.51	13.36
	3.	18,127									1,189	5,772	7.790	3,376	
	4.	100.0									6.56	31.84	42.98	18.62	
Lauderdale	1.	8,873	15	8	70						228	2,927	4,261		1,364
	2.	100.0	0.17	0.09	0.79						2.57	32.99	48.02		15.37
	3.	7,416									228	2,927	4,261		
	4.	100.0									3.07	39.47	57.46		
Madison	1.	36,768	5	456	190	1,602	27	1,177	1,997		1,504	1,533	4.043	907	23,327
	2.	100.0	0.01	1.24	0.52	4.36	0.07	3.20	5.43		4.09	4.17	11.00	2.47	63.44
	3.	7,987									1,504	1,533	4,043	907	
	4.	100.0									18.83	19.19	50.62	11.36	
McNairy	1.	19,209		997	197				647	4,269	1,162	5,161	3,864	263	2,649
	2.	100.0		5.19	1.02				3.37	22.22	6.05	26.87	20.12	1.37	13.79
	3.	10,460									1,162	5,161	3,864	263	
	4.	100.0									11.12	49.39	36.97	2.52	
Obion	1.	27,329		2	109	75			1,942	1	742	5,147	7,207	4,488	7.616
	2.	100.0		0.01	0.40	0.27			7.11	0.00	2.72	18.83	26.37	16.42	27.87
	3.	17,584									742	5,147	7,207	4,488	
	4.	100.0									4.22	29.27	40.99	25.52	
Shelby	1.	88,125	3	1,175	844	5	64		2,556	2,044	2,455	1,472	12,522	4,197	60,788
	2.	100.0	0.00	1.33	0.96	0.01	0.07		2.90	2.32	2.79	1.67	14.21	4.76	68.98
	3.	20,646									2,455	1,472	12,522	4,197	
	4.	100.0									11.89	7.13	60.65	20.33	
Tipton	1.	13,352		320	493	486	9	1	738		78	337	469	96	10,325
	2.	100.0		2.40	3.69	3.64	0.07	0.01	5.53		0.58	2.52	3.51	0.72	77.33
	3.	980									78	337	469	96	
	4.	100.0									7.96	34.39	47.86	9.79	
Weakley	1.	16,815	175	187	34	2			1,662		332	3,480	8,205	2,014	724
	2.	100.0	1.04	1.11	1.20	0.01			9.88		1.97	20.70	48.80	11.98	4.31
	3.	14,031									332	3,480	8,205	2,014	
	4.	100.0									2.37	24.80	58.48	14.35	
District I Total	1.	463,755	313	4,177	3,501	5,045	1,935	2,284	25,242	13,521	23,027	83,363	107,674	29,216	64,457
	2.	100.0	0.07	0.90	0.75	1.09	0.42	0.49	5.44	2.92	4.96	17.98	23.22	6.30	35.46
	3.	243,280									23,027	83,363	107,674	29,216	
	4.	100.0									9.46	34.27	44.26	12.01	

*Lake County does not have 4-H program

**Rows are as follows:

1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE XVIII

NUMBERS AND PERCENTS OF DISTRICT II 4-H AGENT CONTACTS MADE WITH AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Bedford	1.	31,087	50	448	19	71	1	17	1,735		3,630	4,273	7,877	2,029	10,937
	2.	100.0	0.16	1.44	0.06	0.23	0.00	0.06	5.58		11.68	13.74	25.34	6.53	35.18
	3.	17,809									3,630	4,273	7,877	2,029	
	4.	100.0									20.38	24.00	44.23	11.39	
Cheatham	1.	15,440				7			871		856	3,089	3,824	1,538	5,255
	2.	100.0				0.05			5.64		5.54	20.01	24.77	9.76	34.03
	3.	9,307									856	3,089	3,824	1,538	
	4.	100.0									9.20	33.19	41.09	16.52	
Davidson	1.	54,667		904	380	233		300	5,393	2,416	3,613	4,081	15,191	5,784	16,372
	2.	100.0		1.65	0.70	0.43		0.55	9.86	4.42	6.61	7.46	27.79	10.58	29.95
	3.	28,669									3,613	4,081	15,191	5,784	
	4.	100.0									12.60	14.23	52.99	20.18	
Dickson	1.	41,153			516			236	154	9	3,076	6,274	14,525	2,703	13,660
	2.	100.0			1.25			0.57	0.37	0.02	7.48	15.25	35.30	6.57	33.19
	3.	26,578									3,076	6,274	14,525	2,703	
	4.	100.0									11.57	23.61	54.65	10.17	
Giles	1.	28,198	450	657	1,183	338		1	2,490	1	2,519	7.065	6,906	2,974	3,614
	2.	100.0	1.60	2.33	4.20	1.20		0.00	8.83	0.00	8.93	25.05	24.49	10.55	12.82
	3.	19,464									2,519	7.065	6,906	2,974	
	4.	100.0									12.94	36.30	35.48	15.28	
Hickman	1.	22,416		245	1,778	30	314	36	1,766	4,503	1,346	4,440	3,105	2,258	2,595
	2.	100.0		1.09	7.93	0.13	1.40	0.16	7.88	20.09	6.01	19.81	13.85	10.07	11.58
	3.	11,149									1,346	4,440	3,105	2,258	
	4.	100.0									12.07	39.83	27.85	20.25	
Houston	1.	7,553			22	2			93	47	894	1,864	2,548	303	1,780
	2.	100.0			0.29	0.03			1.23	0.62	11.84	24.68	33.73	4.01	23.57
	3.	5,609									894	1,864	2,548	303	
	4.	100.0									15.94	33.23	45.43	5.40	

Table XVIII (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Humphreys	1.	10,991				17					860	4,448	3,670	1,751	245
	2.	100.0				0.16					7.82	40.47	33.39	15.93	2.23
	3.	10,729									860	4,448	3,670	1,751	
	4.	100.0									8.01	41.46	34.21	16.32	
Lawrence	1.	22,124	3	89	346	1,284			2,156	22	1,914	6,584	5,922	1,739	2,065
	2.	100.0	0.01	0.40	1.56	5.80			9.75	0.10	8.65	29.76	26.77	7.86	9.34
	3.	16,159									1,914	6,584	5,922	1,739	
	4.	100.0									11.84	40.75	36.65	10.76	
Lewis	1.	7,211			5		92		20		299	1,131	3,539	1,072	1,053
	2.	100.0			0.07		1.28		0.28		4.15	15.68	49.08	14.86	14.60
	3.	6,041									299	1,131	3,539	1,072	
	4.	100.0									4.95	18.72	58.58	17.75	
Lincoln	1.	25,691		140	98	15		91	2,829	1,965	1,184	4,763	1,970	2,159	10,477
	2.	100.0		0.55	0.38	0.06		0.35	11.01	7.65	4.61	18.54	7.67	8.40	40.78
	3.	10,076									1,184	4,763	1,970	2,159	
	4.	100.0									11.75	47.27	19.55	21.43	
Marshall	1.	14,820		13	73	4			1,145		1,247	940	2,673	2,116	6,609
	2.	100.0		0.09	0.49	0.03			7.73		8.41	6.34	18.04	14.28	44.59
	3.	6,976									1,247	940	2,673	2,116	
	4.	100.0									17.88	13.47	38.32	30.33	
Maury	1.	19,581	14	68	119	1,251	8		715	4	1,410	1,789	8,085	1,630	4.488
	2.	100.0	0.07	0.35	0.61	6.39	0.04		3.65	0.02	7.20	9.14	41.29	8.32	22.92
	3.	12,914									1,410	1,789	8,085	1,630	
	4.	100.0									10.92	13.85	62.61	12.62	
Montgomery	1.	41,775	16	396	733	63		345	6,994		1,342	7,331	10,662	3,693	10,200
	2.	100.0	0.04	0.95	1.75	0.15		0.83	16.74		3.21	17.55	25.52	8.84	24.42
	3.	23,028									1,342	7,331	10,662	3,693	
	4.	100.0									5.83	31.83	46.30	16.04	
Perry	1.	23,528			21				1,906		1,517	3,304	1,633	327	14,820
	2.	100.0			0.09				8.10		6.45	14.04	6.94	1.39	62.99
	3.	6,781									1,517	3,304	1,633	327	
	4.	100.0									22.37	48.73	24.08	4.82	
Robertson	1.	30,944	38	65	48	6			2,527	314	1,527	5,262	15,242	3,864	2,051
	2.	100.0	0.12	0.21	0.16	0.02			8.17	1.01	4.93	17.00	49.26	12.49	6.63
	3.	25,895									1,527	5,262	15,242	3,864	
	4.	100.0									5.90	20.32	58.86	14.92	

Table XVIII (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Rutherford	1.	42,574				110		35	36		3,211	6,502	13,877	6,237	12,566
	2.	100.0				0.26		0.08	0.08		7.54	15.27	32.60	14.65	29.52
	3.	29,827									3,211	6,502	13,877	6,237	
	4.	100.0									10.77	21.80	46.52	20.91	
Stewart	1.	13,717		29					291	1,701	363	5,637	3,901	866	929
	2.	100.0		0.21					2.12	12.40	2.65	41.10	28.44	6.31	6.77
	3.	10,767									363	5,637	3,901	866	
	4.	100.0									3.37	52.36	36.23	8.04	
Sumner	1.	47,617		139	97	7			5,034	19	9,184	3,926	12,379	311	16,521
	2.	100.0		0.29	0.20	0.02			10.57	0.04	19.29	8.24	26.00	0.65	3470
	3.	25,800									9,184	3,926	12,379	311	
	4.	100.0									35.60	15.22	47.98	1.20	
Wayne	1.	20,265	91	451	174	5			637	4,898	2,706	4,089	3,657	1,328	2,229
	2.	100.0	0.45	2.23	0.86	0.02			3.14	24.17	13.35	20.18	18.05	6.55	11.00
	3.	11,780									2,706	4,089	3,657	1,328	
	4.	100.0									22.97	34.71	31.05	11.27	
Williamson	1.	56,295	3	59	155	297	4	3	2,030	40	4,955	12,887	25,807	6,392	3,663
	2.	100.0	0.00	0.11	0.28	0.53	0.01	0.00	3.61	0.07	8.80	22.89	45.84	11.35	6.51
	3.	50,041									4,955	12,887	25,807	6,392	
	4.	100.0									9.90	25.75	51.57	12.78	
Wilson	1.	44,754	235	75	152	96			537	3,858	9,644	5,040	8,692	3,390	13,037
	2.	100.0	0.53	0.17	0.34	0.21			1.20	8.62	21.55	11.26	19.42	7.57	29.13
	3.	26,766									9,644	5,040	8,692	3,390	
	4.	100.0									36.03	18.83	32.47	12.67	
District II Total	1.	622,403	900	3,778	5,919	3,836	419	1,064	39,359	19,797	57,297	104,719	175,685	54,464	155,166
	2.	100.0	0.14	0.61	0.95	0.62	0.07	0.17	6.32	3.18	9.21	16.82	28.23	8.75	24.93
	3.	392,165									57,297	104,719	175,685	54,464	
	4.	100.0									14.61	26.70	44.80	13.89	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE XIX

NUMBERS AND PERCENTS OF DISTRICT III 4-H AGENT CONTACTS MADE WITH AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Bledsoe	1.	27,596	25	170		24		210	1	210	2,079	5,764	6.041	2,458	10,614
	2.	100.0	0.09	0.62		0.09		0.76	0.00	0.76	7.53	20.89	21.89	8.91	38.46
	3	16,342									2,079	5,764	6,041	2,458	
	4.	100.0									12.72	35.27	36.97	15.04	
Bradley	1.	79,817	4,910	1,765	3,250	300		53	19,493	5	2,611	8,742	16,562	4,473	17,653
	2.	100.0	6.15	2.21	4.07	0.38		0.07	24.42	0.01	3.27	10.95	20.75	5.60	22.12
	3.	32,388									2,611	8,742	16,562	4,473	
	4.	100.0									8.06	26.99	51.14	13.81	
Coffee	1.	14,034	176	82	137	20	86		1,071	5,338	304	44	27	4,122	2,627
	2.	100.0	1.26	0.58	0.98	0.14	0.61		7.63	38.04	2.17	0.31	0.19	29.37	18.72
	3.	4,497									304	44	27	4,122	
	4.	100.0									6.76	0.98	0.60	91.66	
Franklin	1.	20,621	47	54	143	91	497		1,932	155	997	1,114	2,156	702	12,733
	2.	100.0	0.23	0.26	0.69	0.44	2.41		9.37	0.75	4.84	5.40	10.46	3.40	61.75
	3.	4,969									997	1,114	2,156	702	
	4.	100.0									20.06	22.42	43.39	14.13	
Grundy	1.	15,824			89			57	681	212	1,213	3,919	4,752	1,842	3,059
	2.	100.0			0.56			0.36	4.30	1.34	7.67	24.77	30.03	11.64	19.33
	3.	11,726									1,213	3,919	4,752	1,842	
	4.	100.0									10.34	33.42	40.53	15.71	
Hamilton	1.	43,554	16	183	1,084	47			3,323	1,079	573	4,810	8,406	3,463	20,370
	2.	100.0	0.04	0.42	2.49	0.11			7.63	2.94	1.31	11.04	19.30	7.95	46.77
	3.	17,252									573	4,810	8,406	3,463	
	4.	100.0									3.32	27.88	48.73	20.07	
Marion	1.	18,481	9	26	18	93	1		461		1,565	4,196	6,745	2,601	2,766
	2.	100.0	0.05	0.14	0.10	0.50	0.01		2.49		8.47	22.70	36.50	14.07	14.97
	3.	15,107									1,565	4,196	6,745	2,601	
	4.	100.0									10.36	27.77	44.65	17.22	
McMinn	1.	56,781	7	27	308	7,120	28		1,944	364	3,499	8,763	11,372	4,151	19,198
	2.	100.0	0.01	0.05	0.54	12.54	0.05		3.43	0.64	6.16	15.43	20.03	7.31	33.81
	3.	27,785									3,499	8,763	11,372	4,151	
	4.	100.0									12.59	31.54	40.93	14.94	
Meigs	1.	9,572			12				1,327	108	1,519	438	1,795	571	3,802
	2.	100.0			0.13				13.86	1.13	15.87	4.58	18.75	5.96	39.72
	3.	4,323									1,519	438	1,795	571	
	4.	100.0									35.14	10.13	41.52	13.21	

Table XIX (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Monroe	1.	25,158	4		179	111			1,083	2	503	6,873	6,592	3,569	6,242
	2.	100.0	0.02		0.71	0.44			4.30	0.01	2.00	27.32	26.20	14.19	24.81
	3.	17,537									503	6,873	6,592	3,569	
	4.	100.0									2.87	39.19	37.59	20.35	
Moore	1.	6,600			30		15		134	51	1,321	713	2,668	943	725
	2.	100.0			0.45		0.23		2.03	0.77	20.02	10.80	40.42	14.29	10.99
	3.	5,645									1,321	713	2,668	943	
	4.	100.0									23.40	12.63	47.26	16.71	
Polk	1.	22,244	7	16	4				676	5,906	1,265	4,215	4,732	1,923	3,500
	2.	100.0	0.03	0.07	0.02				3.04	26.55	5.69	18.95	21.27	8.65	15.73
	3.	12,135									1,265	4,215	4,732	1,923	
	4.	100.0									10.42	34.73	39.00	15.85	
Rhea	1.	18,718		5	219	207			827	50	467	3,044	8,328	2,347	3,224
	2.	100.0		0.03	1.17	1.11			4.42	0.27	2.49	16.26	44.49	12.54	17.22
	3.	14,186									467	3,044	8,328	2,347	
	4.	100.0									3.29	21.46	58.71	16.54	
Sequatchie	1.	9,967	2		4	13	166		16		2,281	1,111	1,374	1,715	3,285
	2.	100.0	0.02		0.04	0.13	1.66		0.16		22.89	11.15	13.78	17.21	32.96
	3.	6,481									2,281	1,111	1,374	1,715	
	4.	100.0									35.20	17.14	21.20	26.46	
Van Buren	1.	20,885				25	450		3,190	39	1,108	2,016	3,447		10,610
	2.	100.0				0.12	2.16		15.27	0.19	5.31	9.65	16.50		50.80
	3.	6,571									1,108	2,016	3,447		
	4.	100.0									16.86	30.68	52.46		
Warren	1.	29,459		343		48		54	2,544	6,742	259	1,833	5,038	1,933	10,665
	2.	100.0		1.17		0.16		0.18	8.64	22.89	0.88	6.22	17.10	6.56	36.20
	3.	9,063									259	1,833	5,038	1,933	
	4.	100.0									2.86	20.22	55.59	21.33	
District III Total	1	419,311	5,203	2,671	5,477	8,099	1,243	374	38,703	20,461	21,564	57,595	90,035	36,813	131,073
	2.	100.0	1.24	0.64	1.31	1.93	0.30	0.09	9.23	4.88	5.14	13.73	21.47	8.78	31.26
	3.	206,007									21,564	57,595	90,035	36,813	
	4.	100.0									10.47	27.96	43.70	17.87	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE XX

NUMBERS AND PERCENTS OF DISTRICT IV 4-H AGENT CONTACTS MADE WITH AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Cannon	1.	15,193		2	79	70	70	952	1,006		2,344	4,028	3,821	2,181	640
	2.	100.0		0.01	0.52	0.46	0.46	6.27	6.62		15.43	26.51	25.15	14.36	4.21
	3.	12,374									2,344	4,028	3,821	2,181	
	4.	100.0									18.94	32.55	30.88	17.63	
Clay	1.	23,812		50	55	124			325	3,686	1,533	1,865	2,234	192	13,748
	2.	100.0		0.21	0.23	0.52			1.36	15.48	6.44	7.83	9.38	0.81	57.74
	3.	5,824									1,533	1,865	2,234	192	
	4.	100.0									26.32	32.02	38.36	3.30	
Cumberland	1.	31,158		20	215	73			16,445	31	1,190	4,553	3,523	2,901	2,207
	2.	100.0		0.06	0.69	0.24			52.78	0.10	3.82	14.61	11.31	9.31	7.08
	3.	12,167									1,190	4,553	3,523	2,901	
	4.	100.0									9.78	37.42	28.96	23.84	
DeKalb	1.	22,161		5	26				71	253	1,259	3,029	3,133	672	13,713
	2.	100.0		0.02	0.12				0.32	1.14	5.68	13.67	14.14	3.03	61.88
	3.	8,093									1,259	3,029	3,133	672	
	4.	100.0									15.56	37.43	38.71	8.30	
Fentress	1.	19,346	485								583	88		134	18,056
	2.	100.0	2.51								3.01	0.46		0.69	93.33
	3.	805									583	88		134	
	4.	100.0									72.42	10.93		16.65	
Jackson	1.	7,064							392	1	129	755	618	183	4,986
	2.	100.0							5.55	0.01	1.83	10.69	8.75	2.59	70.58
	3.	1,685									129	755	618	183	
	4.	100.0									7.65	44.81	36.68	10.86	
Macon	1.	24,102	10			13				6,834	2,358	6,148	6.145	1,110	1,475
	2.	100.0	0.04			0.05				28.36	9.78	25.51	25.50	4.64	6.12
	3.	15,770									2,358	6,148	6,145	1,110	
	4.	100.0									14.95	38.98	38.97	7.10	
Morgan	1.	143,724		2	304				132,942	7,148	598	1,126		35	1,569
	2.	100.0		0.00	0.21				92.50	4.97	0.42	0.78		0.03	1.09
	3.	1,759									598	1,126		35	
	4.	100.0									34.00	64.01		1.99	

Table XX (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Overton	1.	12,902		6	12				768		474	245	6	693	10,698
	2.	100.0		0.05	0.09				5.95		3.67	1.90	0.05	5.37	82.92
	3.	1,418									474	245	6	693	
	4.	100.0									33.43	17.28	0.42	48.87	
Pickett	1.	7,403							35		9	205	2,587	5	4,562
	2.	100.0							0.47		0.12	2.77	34.95	0.07	61.62
	3.	2,806									9	205	2,587	5	
	4.	100.0									0.32	7.31	92.19	0.18	
Putnam	1.	30,453	10	34	15	31	15		500	5,034	3,929	3,928	12,057	1,642	3,258
	2.	100.0	0.04	0.11	0.05	0.10	0.05		1.64	16.53	12.90	12.90	39.59	5.39	10.70
	3.	21,556									3,929	3,928	12,057	1,642	
	4.	100.0									18.23	18.22	55.93	7.62	
Scott	1.	17,356		92	18				4	11,762	287	494	1,557	567	2,575
	2.	100.0		0.53	0.10				0.02	67.77	1.65	2.85	8.97	3.27	14.84
	3.	2,905									287	494	1,557	567	
	4.	100.0									9.88	17.00	53.60	19.52	
Smith	1.	9,270			52		156		364		418	2,083	2,694	623	2,880
	2.	100.0			0.56		1.68		3.93		4.51	22.47	29.06	6.72	31.07
	3.	5,818									418	2,083	2,694	623	
	4.	100.0									7.19	35.80	46.30	10.71	
Trousdale	1.	9,113			1			220	152		891	4,222	2,745	660	222
	2.	100.0			0.01			2.41	1.67		9.78	46.33	30.12	7.24	2.44
	3.	8,518									891	4,222	2,745	660	
	4.	100.0									10.46	49.56	32.23	7.75	
White	1.	17,291		19	58	125		372	206	12	646	7,785	4,203	563	3,302
	2.	100.0		0.11	0.33	0.72		2.15	1.91	0.07	3.74	45.02	24.31	3.26	19.10
	3.	13,197									646	7,785	4,203	563	
	4.	100.0									4.89	58.99	31.85	4.27	
District IV Total	1.	390,348	505	230	835	436	241	1,544	153,210	34,761	16,648	50,554	45,323	12,170	83,891
	2.	100.0	0.13	0.06	0.21	0.11	0.06	0.40	38.25	8.91	4.26	10.39	11.61	3.12	21.49
	3.	114,695									16,648	50,554	45,323	12,170	
	4.	100.0									14.51	35.36	39.52	10.61	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

TABLE XXI

NUMBERS AND PERCENTS OF DISTRICT V 4-H AGENT CONTACTS MADE WITH AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Anderson	1.	25,262		114	5,859	18	36		2,789	99	1,703	4,020	6,093	3,610	921
	2.	100.0		0.45	23.20	0.07	0.14		11.04	0.39	6.74	15.91	24.12	14.29	3.65
	3.	15,426									1,703	4,020	6,093	3,610	
	4.	100.0									11.04	26.06	39.50	23.40	
Blount	1.	23,330	293	369	230	98	103		1,666		2,194	5,232	5,260	2,853	5,032
	2.	100.0	1.26	1.58	0.98	0.42	0.44		7.14		9.40	22.43	22.55	12.23	21.57
	3.	15,539									2,194	5,232	5,260	2,853	
	4.	100.0									14.12	33.67	33.85	18.36	
Campbell	1.	27,496	7	470	64					12,267	499	4,799	4,432	781	4,177
	2.	100.0	0.03	1.71	0.23					44.61	1.82	17.45	16.12	2.84	15.19
	3.	10,511									499	4,799	4,432	781	
	4.	100.0									4.75	45.66	42.16	7.43	
Carter	1.	35,408	51	49	177		36	4	260	8,298	2,164	6,995	5,707	3,610	8,057
	2.	100.0	0.14	0.14	0.50		0.10	0.01	0.73	23.44	6.11	19.76	16.12	10.20	22.75
	3.	18,476									2,164	6,995	5,707	3,610	
	4.	100.0									11.71	37.86	30.89	19.54	
Claiborne	1.	25,183		6	8	100		110	729	3,736	1,704	5.347	4,251	1,874	7,318
	2.	100.0		0.02	0.03	0.40		0.44	2.89	14.84	6.77	21.23	16.88	7.44	29.06
	3.	13,176									1,704	5,347	4,251	1,874	
	4.	100.0									12.93	40.58	32.27	14.22	
Cocke	1.	20,146		217	9		1		163		1,436	5,526	5,863	2,993	3,938
	2.	100.0		1.08	0.04		0.00		0.81		7.13	27.43	29.10	14.86	19.55
	3.	15,818									1,436	5,526	5,863	2,993	
	4.	100.0									9.08	34.93	37.07	18.92	
Grainger	1.	13,374	61	92	21	1	10			4,209	844	3,224	3,062		1,850
	2.	100.0	0.46	0.69	0.16	0.01	0.07			31.47	6.31	24.11	22.89		13.83
	3.	7,130									844	3,224	3,062		
	4.	100.0									11.84	45.22	42.94		

Table XXI (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Greene	1.	28,491			96	18	526	371	1,151		1,587	9,537	5,868	3,560	5,777
	2.	100.0			0.34	0.06	1.85	1.30	4.04		5.57	33.47	20.60	12.49	20.28
	3.	20,552									1,587	9,537	5,868	3,560	
	4.	100.0									7.72	46.41	28.55	17.32	
Hamblen	1.	37,763		25		3,877			6,221		2,508	11,062	5,284	4,033	4,753
	2.	100.0		0.07		10.27			16.47		6.64	29.29	13.99	10.68	12.59
	3.	22,887									2,508	11,062	5,284	4,033	
	4.	100.0									10.96	48.33	23.09	17.62	
Hancock	1.	18,170	432	111	8	600				3	1,657	9,092	3,555	317	2,395
	2.	100.0	2.38	0.61	0.04	3.30				0.02	9.12	50.04	19.56	1.75	13.18
	3.	14,621									1,657	9,092	3,555	317	
	4.	100.0									11.33	62.19	24.31	2.17	
Hawkins	1.	47,717	5	96	103				75	10,697	1,849	16,199	10,486	4,330	3,871
	2.	100.0	0.01	0.20	0.22				0.16	22.42	3.87	33.95	21.98	9.07	8.12
	3.	32,864									1,849	16,199	10,486	4,330	
	4.	100.0									5.63	49.29	31.91	13.17	
Jefferson	1.	27,308		4	35	25	637		671	3	1,285	9,102	10,108	2,915	2,523
	2.	100.0		0.01	0.13	0.09	2.33		2.46	0.01	4.71	33.33	37.01	10.68	9.24
	3.	23,410									1,285	9,102	10,108	2,915	
	4.	100.0									5.49	38.88	43.18	12.45	
Johnson	1.	18,739	270	212	482			24	60	10	2,010	4,689	5,559	2,457	2,966
	2.	100.0	1.44	1.13	2.57			0.13	0.32	0.05	10.73	25.02	29.67	13.11	15.83
	3.	14,715									2,010	4,689	5,559	2,457	
	4.	100.0									13.66	31.86	37.78	16.70	
Knox	1.	29,372		773	166	46		11	2,595	3	1,706	7,306	15,058	572	1,136
	2.	100.0		2.63	0.56	0.16		0.04	8.83	0.01	5.81	24.87	51.27	1.95	3.87
	3.	24,642									1,706	7,306	15,058	572	
	4.	100.0									6.92	29.65	61.11	2.32	
Loudon	1.	14,203		6	40			42	427		741	3,115	3,995	2,525	3,312
	2.	100.0		0.04	0.28			0.30	3.00		5.22	21.93	28.13	17.78	23.32
	3.	10,376									741	3,115	3,995	2,525	
	4.	100.0									7.14	30.02	38.50	24.34	

Table XXI (Continued)

County		Total*	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Roane	1.	22,513		190	72	90			5,006	2,961	385	1,512	4,560	2,122	5,615
	2.	100.0		0.84	0.32	0.40			20.24	13.15	1.71	6.72	20.25	9.43	24.94
	3.	8,579									385	1,512	4,560	2,122	
	4.	100.0									4.49	17.62	53.15	24.74	
Sevier	1.	20,448	8	5	105				24		1,229	2,898	3,711	739	11,729
	2.	100.0	0.04	0.02	0.51				0.12		6.01	14.17	18.15	3.62	57.36
	3.	8,577									1,229	2,898	3,711	739	
	4.	100.0									14.33	33.79	43.27	8.61	
Sullivan	1.	25,847	16		200	8	82	53	2,239	222	1,110	4,814	10,686	3,900	2,517
	2.	100.0	0.06		0.77	0.03	0.32	0.21	8.66	0.86	4.30	18.62	41.34	39.00	9.74
	3.	20,510									1,110	4,814	10,686	3,900	
	4.	100.0									5.41	23.47	52.10	19.02	
Unicoi	1.	9,304		4	39	150			163		156	1,701	1,937	1,070	4,084
	2.	100.0		0.04	0.42	1.61			1.75		1.68	1828	20.82	11.50	43.90
	3.	4,864									156	1,701	1,937	1,070	
	4.	100.0									3.21	34.97	39.82	22.00	
Union	1.	17,736	17		6	68	21		150		942	6,501	5,236	1,478	3,317
	2.	100.0	0.10		0.03	0.38	0.12		0.85		5.31	36.66	29.52	8.33	18.70
	3.	14,157									942	6,501	5,236	1,478	
	4.	100.0									6.65	45.92	36.99	10.44	
Washington	1.	55,916	108	578	3	2		450	50		11,747	14,698	20,382	3,040	4,858
	2.	100.0	0.19	1.03	0.01	0.00		0.80	0.09		21.01	26.29	36.45	5.44	8.69
	3.	49,867									11,747	14,698	20,382	3,040	
	4.	100.0									23.56	29.47	40.87	6.10	
District V Total	1.	543,726	1,268	3,321	7,723	5,101	1,452	1,065	24,439	42,508	39,456	137,369	141,093	48,779	90,152
	2.	100.0	0.23	0.61	1.42	0.94	0.27	0.20	4.49	7.82	7.26	25.26	25.95	8.97	16.58
	3.	366,697									39,456	137,369	141,093	48,779	
	4.	100.0									10.76	37.46	38.48	13.30	

*Rows are as follows:
1. Number in all 13 audiences
2. Percent in all 13 audiences
3. Number in 4 primary audiences (Explorer, Junior, Junior High, & Senior)
4. Percent in 4 primary audiences

In addition, three TEMIS 4-H audiences General 4-H, Youth/Adult (4-H), and SPIFFY in that order, accounted for most (i.e. 92.84 percent) of the remainder (1,116,699, 45.77 percent of all 4-H contacts) of the contacts for 4-H work in the State in FY 1978. The General 4-H audience, with 624,739 contacts, was apparently reported by agents when they worked with 4-Hers in two or more of the four primary audiences (e.g. mixed clubs; fairs and contests).

Youth/Adult (4-H), with 280,953 days was second most popular among non-primary audience areas - showing involvement of members and adult leaders in many situations.

Youth SPIFFY with 131,048 days is the federally funded Special Program in Foods for Youth existing in some counties in FY 1978. Participants may or may not also have belonged to 4-H Clubs.

Only 6,331 total contacts were reported in the State with YF&H during FY 1978.

Comparisons of District Data

When District totals in Table XV are compared, it is seen that districts ranked, in descending order of clientele contacts for total 4-H work, as follows: 1) District II, 622,403 contacts; 2) District V, 543,426 contacts; 3) District I, 463,755 contacts; 4) District III, 419,311 contacts and 5) District IV, 390,348 contacts.

Regarding contacts for the four primary audiences only, districts ranked, again in descending order: 1) District II, 392,165 contacts; 2) District V, 366,697 contacts; 3) District I, 243,280 contacts; 4) District III, 206,007 contacts and 5) District IV, 114,695 contacts.

Percents that district totals for the four primary audience were of total contacts for all 4-H work, then, in descending order were: 1) District V, 67.44 percent of contacts; 2) District II, 63.01 percent; 3) District I, 52.56 percent; 4) District III, 49.13 percent and 5) District IV, 29.38 percent.

Percents of contacts for Explorers, of all 4-H contacts ranged from 8.97 percent for District V to 3.12 percent for District IV, while percents of contacts for Explorers of time shown for the four primary audiences ranged from 17.87 percent in District III to 10.61 percent in District IV.

Percents of contacts for Juniors, of all 4-H contacts ranged from 28.23 percent for District II to 11.61 percent for District IV, while percents of contacts for Juniors of contacts for the four primary audiences ranged from 44.80 percent in District II to 38.48 percent in District V.

Percents of contacts for Junior High, of all 4-H contacts ranged from 25.26 percent for District V to 10.39 percent for District IV, while percents of contacts for Junior Highs of contacts for the four primary audiences ranged from 37.46 percent in District V to 26.70 percent in District II.

Percents of contacts for Seniors of all 4-H contacts ranged from 9.21 percent for District II to 4.26 percent for District IV, while percents of contacts for Seniors of contacts for the four primary audiences ranged from 14.61 percent in District II to 9.46 percent in District I.

District I had the largest percent of contacts for the General 4-H audience, 35.46 percent, while District V had the smallest 16.58 percent. District IV 39.25 percent, reported the largest proportion of contacts for Youth/Adult (4-H), while District V, 4.49 reported the least. District IV reported the highest percent, 8.91, of contacts for Youth SPIFFY, while District I had the least, 2.92 percent.

The fifth major youth audience (i.e. YF&H) included less than one percent (i.e. 0.26) of all 4-H contacts reported.

Table XVI information shows that average contacts per county for all 4-H audiences varied from 23,188 per county in District I to 28,291 in District II. Average contacts per county for the four primary audiences varied from 7,646 in District IV to 17,826 in District II.

District IV showed the greatest range in average contacts per county for all 4-H work (i.e. from 7,064 to 143,725), while District V had the smallest range (i.e., from 9,304 to 55,916). Regarding average contacts per county for the four primary audiences, District V, reported the largest range (i.e., 4,864 - 49,867) and District IV, the smallest (i.e., 805-21,556).

District I County Comparisons

Reference to figures in Table XVII shows that Chester County had the lowest number of contacts for all 4-H work, 7,261, and Shelby, 88,125, the highest in District I. On the other hand, Tipton had only 980 total contacts for the four primary audiences, while Gibson, 21,894 contacts, had the most.

Major portions of contacts were made in the following counties for the General 4-H audience: 1) Tipton, 77.33 percent; 2) Crockett, 77.16 percent; 3) Shelby, 68.98 percent; 4) Madison, 63.44 percent; 5) Carroll, 50.23 percent; 6) Dyer, 39.83 percent; 7) Hardeman, 35.84 percent; 8) Chester, 33.91 percent; 9) Henderson, 30.91 percent; 10) Obion, 27.87 percent; 11) Lauderdale, 15.37 percent; 12) McNairy, 13.79 percent; 13) Henry, 13.36 percent and 14) Decatur, 11.62 percent.

Four counties reported consequential contacts in the Youth/Adult (4-H) audience. Those reporting included: 1) Haywood County, 21.14 percent; 2) Henderson, 10.36 percent; 3) Weakley, 9.88 percent and 4) Gibson, 9.86 percent.

Two counties reporting consequential Youth SPIFFY contacts included: 1) McNairy, 22.22 percent and 2) Gibson, 9.20 percent.

District II County Comparisons

Reference to figures in Table XVIII shows that Lewis County had the lowest number of contacts for all 4-H work, 7,211, and Williamson, 56,295, the highest in District II. On the other hand, Houston had only 5,609 contacts for the four primary audiences, while Williamson, 50,041 contacts, had the most.

Major portions of contacts were made in the following counties for the General 4-H audience: 1) Perry, 62.79 percent; 2) Marshall, 44.59 percent; 3) Lincoln, 40.78 percent; 4) Bedford, 35.18 percent; 5) Sumner, 34.70 percent; 6) Cheatham, 34.03 percent; 7) Dickson, 33.19

percent; 8) Davidson, 29.95 percent; 9) Rutherford, 29.52 percent; 10) Wilson, 29.13 percent; 11) Montgomery, 24.42 percent; 12) Houston, 23.51 percent; 13) Maury, 22.92 percent; 14) Lewis, 14.60 percent; 15) Giles, 12.82 percent; 16) Hickman, 11.58 percent; 17) Wayne, 11.0 percent and 18) Lawrence, 9.84 percent.

Five counties reported consequential contacts with the Youth/Adult (4-H) audience. Those reporting included: 1) Montgomery, 16.74 percent; 2) Lincoln, 11.01 percent; 3) Sumner, 10.57 percent; 4) Davidson, 9.86 percent and 5) Lawrence, 9.75 percent.

Three counties reporting consequential youth SPIFFY contacts included: 1) Wayne, 24.17 percent; 2) Hickman, 20.09 percent and 3) Stewart, 12.40 percent.

District III County Comparisons

Reference to figures in Table XIX shows that Moore County had the lowest number of contacts for all 4-H work, 6,600, and Bradley, 79,817, the highest in District III. On the other hand, Meigs had 4,323 contact for the four primary audiences, while Bradley, 32,388 days, again had the most contacts.

Major portions of contacts in the following counties were reported with the General 4-H audience: 1) Franklin, 61.75 percent; 2) Van Buren, 50.80 percent; 3) Hamilton, 46.73 percent; 4) Meigs, 39.72 percent; 5) Bledsoe, 38.46 percent; 6) Warren, 36.20 percent; 7) McMinn, 33.81 percent; 8) Sequatchie, 32.96 percent; 9) Monroe, 24.81 percent; 10) Bradley, 22.12 percent; 11) Grundy, 19.33 percent; 12) Coffee, 18.72 percent; 13) Rhea, 17.22 percent; 14) Polk, 15.73 percent; 15) Marion, 14.97 percent and 16) Moore, 10.99 percent.

Four counties reported consequential contacts in Youth/Adult (4-H) audience. Those reporting included: 1) Bradley, 24.42 percent; 2) Van Buren, 15.27 percent; 3) Meigs, 13.86 percent and 4) Franklin, 9.37 percent.

McMinn, reported 12.54 percent of all 4-H contacts with Youth/Adult (Other).

District IV County Comparisons

Reference to figures in Table XX shows that Jackson County had the lowest number of contacts for all 4-H work, 7,064, and Morgan, 143,724, the highest in District IV. On the other hand, Fentress, had 805 total contacts for the four primary audiences, while Putnam, 21,556 contacts had the most.

Major portions of contacts were made in the following counties with the General 4-H audience: 1) Fentress, 93.33 percent; 2) Overton, 82.92 percent; 3) Jackson, 70.58 percent; 4) DeKalb, 61.88 percent; 5) Pickett, 61.62 percent; 6) Clay, 57.74 percent; 7) Smith, 31.07 percent; 8) White, 19.10 percent; 9) Scott, 14.84 percent and 10) Putnam, 10.70 percent.

Four counties reported consequential work in the Youth SPIFFY audience. Those reporting included: 1) Scott, 67.77 percent; 2) Macon, 28.36 percent; 3) Putnam, 16.53 percent and 4) Clay, 15.48 percent.

Morgan, 92.50 percent and Cumberland, 52.78 percent reported consequential work with the Youth/Adult (4-H).

Cannon County, 6.27 percent reported a small portion of contacts with YF&H people.

District V County Comparisons

Reference to figures in Table XXI shows that Unicoi County had the lowest number of contacts for all 4-H work, 9,304, and Washington, 55,916, the highest in District V. At the same time, Union had 4,864 total contacts for the four primary audiences, while Washington, 49,867, again had the most.

Major portions of contacts were made in the following counties with the General 4-H audience: 1) Sevier, 57.36 percent; 2) Unicoi, 43.92 percent; 3) Claiborne, 29.06 percent; 4) Roane, 24.94 percent; 5) Loudon, 23.32 percent; 6) Carter, 22.75 percent; 7) Blount, 21.57 percent; 8) Greene, 20.28 percent; 9) Cocke, 19.55 percent; 10) Union, 18.70 percent; 11) Johnson, 15.83 percent; 12) Campbell, 15.19 percent; 13) Grainger, 13.83 percent; 14) Hancock, 13.18 percent; 15) Hamblen, 12.59 percent; 16) Sullivan, 9.74 percent and 17) Jefferson, 9.24 percent.

Six counties reported consequential contacts with the Youth SPIFFY audience. Those reporting included: 1) Campbell, 44.61 percent; 2) Grainger, 31.47 percent; 3) Carter, 23.44 percent; 4) Hawkins, 22.42 percent; 5) Claiborne, 14.84 percent and 6) Roane, 13.15 percent.

Those counties reporting consequential contacts with the Youth/Adult (4-H) audience included: 1) Roane, 22.24 percent; 2) Hamblen, 16.47 percent and 3) Anderson, 11.04 percent.

Anderson, 23.20 percent, reported consequential work with Leaders (Volunteer, Adult).

Hamblen, reported 10.27 percent of all 4-H contacts with Youth/Adult (Other).

D. DIFFERENCES BETWEEN 4-H AGENT TIME PLANNED AND SPENT, FY 1978

Number of Agent Days

Information in Tables XXII through XXVII considers differences between agent days planned and spent in FY 1978.

Discussion of State and District Totals. The summary table, Table XXII, shows that Tennessee agents actually spent 2,782.33 more days in 4-H work in FY 1978 than they had planned to spend. As totals for the thirteen TEMIS audiences indicate, differences between time planned and spent ranged from 1,135.42 fewer days spent than planned for the Senior 4-H audience to 5,023.61 more days spent than planned for the Youth (4-H) General Audience. The Junior High audience showed nearly as many fewer days, 1,132.12, as the Seniors, while Youth/Adult (4-H) showed 2,011.73 more. Other decreases worthy of note included 817.63 fewer days for Junior, 737.97 fewer for Leaders (Volunteer Adult, Junior and/or Teen), and 670.47 fewer for SPIFFY

Youth/Adult (Other) had some increase, 205.50 days, while YF&H days decreased 175.89.

When districts are compared, it may be seen that differences ranged from a decrease of 336.68 total agent days in District I to an increase of 1,290.56 total days in District II. Increases in time spent with the youth (4-H) General Audience, over time planned for FY 1978, ranged from 226.79 for District IV to 2,000.67 days for District V. All districts showed decreases for Senior 4-H work. All districts

TABLE XXII

DIFFERENCES IN ACTUAL NUMBERS OF TENNESSEE 4-H AGENT DAYS PLANNED AND SPENT BY TEMIS AUDIENCE CATEGORY ACCORDING TO DISTRICT AND STATE TOTALS, FY 1978

District (Audience Difference Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
District I	-336.68	-24.35	-184.60	78.29	62.28	31.00	-32.47	422.67	-70.85	-139.58	-305.32	-772.82	-216.72	815.79
District II	1290.56	-1.85	-232.34	21.56	70.90	3.01	-32.60	413.92	28.29	231.55	-455.08	-99.43	-346.69	1689.32
District III	345.09	-0.23	-59.96	25.55	12.02	-2.36	-26.11	448.04	-337.20	38.30	23.93	96.29	-164.22	291.04
District IV	709.18	28.14	-29.48	1.28	0.02	7.38	-14.12	257.41	-144.74	217.52	179.28	77.67	-97.97	226.79
District V	774.18	-17.98	-231.59	2.92	60.28	0.28	-70.59	469.69	-145.97	-289.44	-260.44	-433.83	-309.82	2000.67
State Total	2782.33	-16.27	-737.97	129.60	205.50	39.31	-175.89	2011.73	-670.47	58.35	-817.63	-1132.12	-1135.42	5023.61

* Minus (-) indicates more time was planned than spent

TABLE XXIII

DIFFERENCES IN ACTUAL NUMBERS OF DISTRICT I 4-H AGENT DAYS PLANNED AND SPENT BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County (Audience Difference Between Days Planned and Expended)*	Total**	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Benton	-24.10			0.13	1.50		-6.37	0.25		-6.62	3.05	-6.37	1.50	-11.37
Carroll	+158.16	-4.25	2.52	35.75	1.88	9.75		13.13	-11.62	5.63	-18.75	-87.87	-3.12	215.13
Chester	-84.61			1.00			0.38			-9.00	-5.62	-7.87	-13.50	-50.00
Crockett	+35.25	1.50	1.75	2.25		0.25		-3.00		7.50	20.50	17.50	4.25	-17.25
Decatur	-63.97		-2.50	-2.37	0.50		-4.62	38.00	-72.50	6.13	-17.37	-46.37	-5.00	42.13
Dyer	+31.27	0.75	-22.37	9.00	3.88	1.75	-8.00	10.63	-22.75	-69.50	-61.00	-54.75	-6.50	250.13
Fayette	-50.85				0.88			-0.25	0.13	-1.00	-3.62	-47.50	-38.62	39.13
Gibson	+110.41	2.88	12.63	-0.75	5.13		-2.87	55.63	-25.87	24.75	-23.87	-2.50	-3.00	68.25
Hardeman	+100.40		0.50	1.50	0.88	2.00	-4.00	4.75	0.75	-19.62	2.13	10.38	-10.75	111.88
Hardin	-35.48	0.25	-1.00	-14.75	0.25			32.38	0.88	-17.87	-29.00	-13.37	-15.00	21.75
Haywood	-272.24		-0.37	-21.50				20.75		-9.12	49.50	-292.75	-18.75	

Table XXIII (Continued)

County (Audience Difference Between Days Planned and Expended)*	Total**	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Henderson	+45.40	-2.62	-1.25	-3.75	1.25	13.50	3.25	44.88		-26.62	-33.37	-82.37	-17.00	149.50
Henry	-61.33	0.38	-6.00	-1.62		0.25		28.63	-48.37	2.88	-28.62	-50.87	-21.87	63.88
Lauderdale	-47.37	-11.50	1.25	3.75		1.00		1.00		-50.25	-38.00	-18.12		63.50
Madison	+28.65	-10.62	-12.25	4.63	20.75	0.50	-10.37	28.88		17.50	-3.87	21.75	-20.25	-8.00
McNairy	-93.48		-8.50	5.88				3.88	78.50	-23.25	-62.62	-58.75	-9.87	-18.75
Obion	-55.86		-7.75	1.13	1.00			38.50	-4.75	-24.10	-59.00	-56.75	-41.87	97.75
Shelby	+72.52	0.50	-105.87	40.63	9.25	1.00		42.75	33.75	74.75	27.88	53.25	19.75	-125.12
Tipton	-112.35		-20.12	12.63	12.50	1.00	0.13	18.38	1.00	6.50	3.00	4.88	-7.50	-144.75
Weakley	-17.10	-1.62	-15.25	4.75	2.63			43.50		-28.25	-26.87	-54.37	-9.62	68.00
District I Total	-336.68	-24.35	-184.60	+78.29	+62.28	+31.00	-32.47	+422.67	-70.85	-139.58	-305.32	-772.82	-216.72	+815.79

*Lake County does not have 4-H program.
** Minus (-) indicates more time was planned than spent

TABLE XXIV

DIFFERENCES IN ACTUAL NUMBERS OF DISTRICT II 4-H AGENT DAYS PLANNED AND SPENT BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County (Audience Difference Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Bedford	+173.91	1.63	-8.37	3.00	1.38	0.25	0.63	37.50	0.50	-1.37	10.63	10.25	-11.62	129.50
Cheatham	+17.52				0.38			27.50		-10.12	-10.62	1.25	-7.25	16.38
Davidson	-512.09		-55.12	-1.62	4.50		0.50	74.38	-30.87	-27.00	-154.62	-279.50	-158.12	115.38
Dickson	+115.14			3.38			1.00	0.88	0.25	50.25	49.50	67.38	12.00	-69.50
Giles	+241.05	0.38	6.88	15.88	-5.62		0.63	61.88	0.13	53.25	58.50	1.63	-25.87	73.38
Hickman	+8.90		-12.75	3.50	1.00	1.25	-7.87	21.00	8.13	19.50	-72.37	23.75	-8.12	31.88
Houston	-54.10	0.38	-15.00	1.13	0.25			2.13	-36.75	-16.00	-2.50	-0.37	-2.00	14.63
Humphreys	+246.88	0.25			1.00					-21.25	-66.25	43.38	14.50	275.25
Lawrence	-13.58	-1.87	-7.37	6.13	29.13	0.13	-16.00	24.00	0.25	-22.25	-27.62	-25.37	-20.12	47.38
Lewis	-4.87			0.50		0.50		0.50		-1.75	-37.50	8.13	-6.25	31.00
Lincoln	135.91		-1.12	-5.25	2.50		-6.37	58.13	-19.87	10.38	-3.00	-24.00	-23.87	148.38

Table XXIV (Continued)

County (Audience Difference Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Marshall	-22.10	2.25	1.63	8.63	0.38			10.75		-15.00	-39.00	-33.37	-61.25	102.88
Maury	-64.47	2.25	-28.75	-2.00	21.00	0.63	-10.00	9.63	0.25	-17.37	-63.37	-71.37	-21.00	115.63
Montgomery	268.52	1.00	-3.00	8.38	0.50		11.50	23.00		18.63	11.75	-32.75	-25.87	255.38
Perry	+39.52			-2.12	-2.00			-8.75		-13.12	6.50	-3.37	-4.62	67.00
Robertson	+69.28	1.75	-20.75	9.00	1.00			5.13	10.38	33.88	-0.12	-3.37	-26.75	59.13
Rutherford	-19.61	1.00		-19.75	5.25		-7.75	-6.25		2.88	-148.75	65.63	0.50	87.63
Stewart	+4.40	0.25	-5.12	0.88				6.88	6.38	-43.50	-30.75	38.75	4.88	25.75
Sumner	+210.02	0.38	-12.75	-2.37	3.75		-2.00	27.25	1.75	130.75	76.75	64.63	-0.87	-77.25
Wayne	+144.65	1.50	-44.75	3.38	0.75			12.38	83.13	22.25	3.13	14.25	0.38	48.25
Williamson	+138.78	0.50	-11.25	-8.25	3.25	0.25	3.13	32.50	0.63	3.13	-25.37	36.88	14.25	89.13
Wilson	+166.90	-13.50	-14.75	-0.87	2.50			-6.50	4.00	75.38	10.00	-1.87	10.38	102.13
District II Total	+1290.56	-1.85	-232.34	+21.56	+70.90	+3.01	-32.60	+413.90	+28.29	+231.55	-455.08	-99.43	-346.69	+1689.32

*Minue (-) indicates more time was planned than spent

TABLE XXV

DIFFERENCES IN ACTUAL NUMBERS OF DISTRICT III 4-H AGENT DAYS PLANNED AND SPENT BY THIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County (Audience Difference Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Bledsoe	+115.54	2.50	-14.87	1.13	2.50		-1.50	0.13	-24.37	-19.37	71.63	37.38	-0.37	60.75
Bradley	+15.78	0.75	-7.12	13.38	0.50		-2.62	92.25	0.38	11.63	35.75	60.63	23.00	-212.75
Coffee	-75.60	-11.25	-19.12	-14.75	1.25	-12.50		-2.75	-20.12	-4.87	3.38	-4.75	-38.00	47.88
Franklin	+46.17	1.88	-1.87	4.13	0.88	4.63	-22.00	46.13	10.38	12.00	0.75	1.88	-16.25	3.63
Grundy	+75.66	0.25		11.13			-5.87	-3.00	-33.87	-11.87	26.63	18.63	-25.62	99.25
Hamilton	-160.22	4.13	-17.62	0.25	4.88			109.00	-39.62	17.75	-54.62	-75.75	-32.12	-76.50
Marion	+127.15	0.50	0.50	-8.75	2.75	0.13		17.38		24.13	-15.62	45.75	-6.75	67.13
McMinn	-21.09	0.38	2.00	10.63	2.88	1.75		4.38	-108.37	1.50	-34.12	-42.00	-28.87	168.75
Meigs	+75.89			0.38				26.50	0.75	10.38	-13.50	-0.87	0.25	52.50
Monroe	+57.04	0.25	0.38	2.63	1.38			33.75	0.25	7.63	-29.37	6.88	5.38	27.88
Moore	+96.41			2.00		0.63	6.25	2.13	1.63	43.25	2.63	0.88	-2.87	39.88
Polk	+29.78	0.25	0.38	0.63				8.13	-44.87	-6.37	-25.87	-13.75	-30.75	142.00
Rhea	-17.61		0.25	1.88	1.50			45.00	1.00	-51.75	29.38	45.75	-18.75	-71.87
Sequatchie	+40.77	0.13		0.50	-3.75	2.25		0.63		34.13	16.63	-1.50	12.00	-20.25
Van Buren	+12.77			0.38	0.25	0.75		21.88	-32.25	-11.87	16.50	10.75		6.38
Warren	-72.85		-2.87		-3.00		-0.37	46.50	-47.62	-17.50	-6.25	6.38	-4.50	-43.62
District III Total	+345.09	-0.23	-59.96	+25.55	+12.02	-2.36	-26.11	+448.04	-337.20	+38.30	+23.93	+96.29	-164.22	+291.04

*Minus (-) indicates more time was planned than spent

TABLE XXVI

DIFFERENCES IN ACTUAL NUMBERS OF DISTRICT IV 4-H AGENT DAYS PLANNED AND SPENT BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County (Audience Difference Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult ((Other)	Youth ((Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Cannon	+107.51	0.88	0.25	13.13	0.38	0.63	8.88	36.88		36.25	-4.25	-17.75	2.75	29.50
Clay	+101.15		-0.62	1.50	0.63			-0.50	-43.62	14.25	12.75	31.13	1.25	84.38
Cumberland	+64.52	0.50	-9.25	-15.75	1.00		-12.00	147.00	4.63	13.00	-15.87	-49.12	-31.12	31.50
DeKalb	+168.02		-1.25	0.63	-3.00		-2.00	6.63	-7.75	45.88	31.50	23.13	-5.25	79.50
Fentress	-71.99	21.75					-3.00	-2.00	-107.00	12.50	0.75		-18.37	23.38
Jackson	+28.03			0.63				11.63	-1.75	11.50	17.88	21.13	-1.62	-31.37
Macon	+71.51	0.50			0.75				-2.00	12.75	22.38	22.00	-1.00	16.13
Morgan	+97.77		0.13	-4.12				47.88	14.00	3.75	23.75	2.50	0.13	9.75
Overton	-48.35		-7.87	0.88	0.25			-0.75		18.75	-3.00	-9.37	-11.62	-35.62
Pickett	-74.99							1.00		-4.37	7.13	0.00	-4.00	-74.75
Putnam	+88.91	3.63	0.88	2.25	-4.87	0.25		8.63	12.50	54.88	-19.00	-6.87	0.75	35.88
Scott	-40.36		-13.00	2.50			-10.00	0.50	-11.75	-25.12	-9.00	13.88	-11.50	23.13
Smith	+103.77			1.00	3.13	6.50	-5.00	0.13	-3.00	51.25	77.88	67.25	4.00	-99.37
Trousdale	+35.01	0.88		0.50			2.75	-5.00		-2.25	26.50	6.13	-1.50	7.00
White	+78.65		1.25	-1.87	1.75		6.25	5.38	1.00	-25.50	9.88	-26.37	-20.87	127.75
District IV Total	+709.18	+28.14	-29.48	+1.28	+0.02	+7.38	-14.12	+257.41	-144.74	+217.52	+179.28	+77.67	-97.97	+226.79

*Minus (-) indicates more time was planned than spent

TABLE XXVII

DIFFERENCES IN ACTUAL NUMBERS OF DISTRICT V 4-H AGENT DAYS PLANNED AND SPENT BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County (Audience Difference Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Anderson	-4.97	1.00	-5.75	2.50	0.25	-4.00	-11.62	28.38	6.38	-14.37	-44.75	-24.62	1.75	59.88
Blount	+79.02	-15.00	6.00	-1.25	21.13	0.50		103.13		-34.00	-53.62	-63.62	-14.25	130.00
Campbell	-20.60	-2.75	-24.50	-3.37					39.63	-20.50	-44.37	-71.25	-3.37	109.88
Carter	+187.16	9.50	-26.00	-13.12	0.38	0.88	-5.62	11.63	45.63	17.38	-9.75	-40.25	-54.00	250.50
Claiborne	-38.99		-18.75	0.50	0.50		0.25	2.75	-62.50	-25.75	15.75	-15.25	-32.87	96.38
Cocke	-69.34		-27.12	-0.12		0.13	1.63	17.88	-98.00	0.88	-35.87	-40.25	-4.50	116.00
Grainger	+35.03	-1.50	-1.12	0.88	0.13	1.13		0.50	-20.12	-3.62	11.25	-9.00	-21.00	77.50
Greene	+59.66			1.38	1.63	-1.37	5.75	21.63		12.50	-23.37	-102.75	-2.62	146.88
Hamblen	+118.28	0.63	-0.75	0.63	17.75		5.88	33.00		-13.12	11.50	-18.12	15.13	65.75
Hancock	+44.02	-1.37	1.50	1.00	0.38				0.75	-4.25	12.75	35.00	-12.12	10.38
Hawkins	-11.84	0.50	-18.12	-0.25	3.25			0.38	-61.12	3.63	-40.25	27.38	-18.62	91.38

Table XXVII (Continued)

County (Audience Difference Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Jefferson	+83.02		-6.75	1.75	0.38	0.88		12.00	0.25	-27.50	-39.87	-1.00	-4.00	146.88
Johnson	+119.03	-7.87	-11.62	14.38			-29.25	1.38	0.38	-48.62	16.25	53.50	6.00	124.50
Knox	-2.60	0.50	-41.50	0.50	0.75	0.25	-9.87	48.63	0.50	-3.75	-52.62	-30.12	-27.75	111.88
Loudon	-58.72	0.50	-24.37	5.50			-3.87	25.38	0.50	-23.00	-25.00	-22.37	-32.87	40.88
Roane	+15.27		-9.00	5.25	11.75		-6.00	111.38	-6.75	-49.87	-9.87	-79.62	-65.00	113.00
Sevier	+22.15	-3.37	-12.25	-5.50				3.25		-6.62	3.38	-1.37	-27.87	72.50
Sullivan	+8.40	2.25	-1.12	-2.87	0.75	1.50	-13.00	44.13	8.50	-28.50	-7.62	-49.75	-16.37	70.50
Unicoi	+52.78		0.13	-5.25	0.50			2.88		4.13	-8.87	-11.12	-1.12	71.50
Union	+115.89	0.50		0.25	0.25	0.38		0.75		-14.87	75.38	23.25	8.25	21.75
Washington	+41.53	-1.50	-10.50	0.13	0.50		-4.87	0.63		-9.62	-10.87	7.50	-2.62	72.75
District V Total	+774.18	-17.98	-231.59	+2.92	+60.28	+0.28	-70.59	+469.69	-145.97	-289.44	-260.44	-433.83	-309.82	+2000.67

*Minue (-) indicates more time was planned than spent

excepting District III and IV reported decreases for Junior Highs and Juniors, and Districts I and V even showed decreases for Explorers.

All districts showed increases for work with the Youth/Adult (4-H) audience, while all had decreases for YF&H work. Only District II recorded an increase for SPIFFY.

District I Counties. Table XXIII presents, for each county in District I the differences in agent days planned and spent. Totals ranged from a decrease of 272.24 days for Haywood County to an increase of 158.16 for Carroll County. Increases in work with the Youth (4-H) General Audience, usually used when 4-Hers of more than one audience are involved, ranged from a decrease of 144.75 for Tipton County to an increase of 250.13 days for Dyer County. Twelve of 20 District I counties with 4-H showed increases for this audience.

Three counties showed slight increases in days spent with Explorers over days planned, namely Shelby, 19.75 days; Crockett, 4.25 and Benton, 1.50 days. Other counties all had decreases.

Five counties showed slight increases in work with Junior youth, namely Shelby, 53.25 days; Madison, 21.75 days; Crockett, 17.50 days; Hardeman, 10.38 days and Tipton, 4.88 days. Others decreased.

Six counties had increases in work with Junior High youth, namely Haywood, 49.50 days; Shelby 27.88 days; Crockett, 20.50 days; Benton, 3.25 days; Tipton, 3.00 days and Hardeman, 2.13 days. Others decreased.

Eight counties showed increases in work with Seniors, namely Shelby, 74.75 days; Gibson, 24.75 days; Madison, 17.50 days; Crockett, 7.50 days; Tipton, 6.50 days; Decatur, 6.13 days; Carroll, 5.63 days and Henry, 2.88 days. Others decreased.

Seventeen counties had increases in work with Youth Adult (4-H), namely Gibson, 55.63 days; Henderson, 44.88 days; Weakley, 43.50 days; Shelby, 40.75 days; Obion 38.50 days; Decatur, 38.00 days; Hardin, 32.38 days; Madison, 28.88 days; Henry, 28.63 days; Haywood, 20.75 days; Tipton, 18.38 days; Carroll, 13.13 days; Dyer, 10.63 days; Hardeman, 4.75 days; McNairy, 3.88 days; Lauderdale, 1.00 days and Benton, 0.25 days. Others decreased.

Three counties showed slight increases in work with Young Farmers and Homemakers, namely Henderson 3.25 days; Chester, 0.38 days and Tipton, 0.13 days. Others decreased.

Six counties showed increases in work with SPIFFY, namely McNairy, 78.50 days; Shelby, 33.75 days; Tipton, 1.00 days; Hardin, 0.88 days; Hardeman, 0.75 days and Fayette, 0.13 days. Others decreased.

District II Counties. Table XXIV presents for each county in District II the differences in agent days planned and spent. Totals ranged from a decrease of 512.09 days for Davidson County to an increase of 268.52 for Montgomery County. Increases in work with the Youth (4-H) General Audience, often used when 4-Hers of more than one audience are involved, ranged from a decrease of 77.25 for Sumner County to an increase of 275.25 days for Humphreys County. Twenty of 22 District II counties with 4-H showed increases for this audience.

Seven counties showed slight increases in days spend with Explorers over days planned, anmely Humphreys, 14.50 days; Williamson, 14.25 days; Dickson, 12.00 days; Wilson, 10.38 days; Stewart, 4.88 days; Rutherford, 0.50 days and Wayne, 0.38 days. Other counties all had decreases.

Twelve counties showed slight increases in work with Junior youth, namely Dickson, 67.38 days; Rutherford, 65.63 days; Sumner, 64.63 days; Humphreys, 43.38 days; Stewart, 38.75 days; Williamson, 36.88 days; Hickman, 23.75 days; Wayne, 14.25 days; Bedford, 10.25 days; Lewis, 8.13 days; Giles, 1.63 days and Cheatham, 1.25 days. Others decreased.

Eight counties had increases in work with Junior High youth, namely Sumner, 76.75 days; Giles, 58.50 days; Dickson, 39.50 days; Montgomery, 11.75 days; Bedford, 10.63 days; Wilson, 10.00 days; Perry, 6.50 days and Wayne, 3.13 days. Others decreased.

Eleven counties showed increases in work with Seniors, namely Sumner, 130.75 days; Wilson, 75.38 days; Giles, 53.25 days; Dickson, 50.25 days; Robertson, 33.88 days; Wayne, 22.25 days; Hickman, 19.50 days; Montgomery, 18.63 days; Lincoln, 10.38 days; Williamson, 3.31 days and Rutherford, 2.88 days. Others decreased.

Eighteen counties had increases in work with Youth Adult (4-H), namely Davidson, 74.38 days; Giles, 61.88 days; Lincoln, 58.13 days; Bedford, 37.50 days; Williamson, 32.50 days; Cheatham, 27.50 days; Sumner, 27.27 days; Lawrence, 24.00 days; Montgomery, 23.00 days; Hickman 21.00 days; Wayne, 12.38 days; Marshall, 10.75 days; Maury, 9.63 days; Stewart, 6.88 days; Robertson, 5.13 days; Houston, 2.13 days; Dickson, 0.88 days and Lewis, 0.50 days. Others decreased.

Six counties showed slight increases in work with Young Farmers and Homemakers, namely Montgomery, 11.50 days; Williamson, 3.13 days; Dickson, 1.00 days; both Bedford and Giles, 0.63 days and Davidson, 0.50 days. Others decreased.

Twelve counties showed increases in work with SPIFFY, namely Wayne, 83.13 days; Robertson, 10.38 days; Hickman, 8.13 days; Stewart, 6.38 days; Wilson, 4.00 days; Sumner, 1.75 days; Williamson, 0.63 days; Bedford, 0.50 days; Dickson, Lawrence, and Maury, 0.25 days and Giles, 0.13 days. Others decreased.

District III Counties. Table XXV presents for each county in District III the differences in agent days planned and spent. Totals ranged from a decrease of 160.22 days for Hamilton County to an increase of 127.15 for Marion County. Increases in work with the Youth (4-H) General Audience, frequently used when 4-Hers of more than one audience are involved, ranged from a decrease of 212.75 days for Bradley County to an increase of 168.75 days for McMinn County. Eleven of 16 District III counties with 4-H showed increases for this audience.

Four counties showed slight increases in days spent with Explorers over days planned, namely Bradley, 23.00 days; Sequatchie, 12.00 days; Monroe, 5.38 days and Meigs, 0.25 days. All other counties had decreases.

Ten counties showed slight increases in work with Junior Youth, namely Bradley, 60.63 days; both Marion and Rhea, 45.75 days; Bledsoe, 37.38 days; Grundy, 18.63 days; Van Buren, 10.75 days; Monroe, 6.88 days; Warren, 6.38 days; Franklin, 1.88 days and Moore, 0.88 days. Others decreased.

Nine counties had increases in work with Junior High Youth, namely Bledsoe, 71.63 days; Bradley, 35.75 days; Rhea, 29.38 days;

Grundy, 26.63 days; Sequatchie, 16.63 days; Van Buren, 16.50 days; Coffee, 3.38 days; Moore, 2.63 days and Franklin, 0.75 days. Others decreased.

Nine counties showed increases in work with Seniors, namely Moore, 43.25 days; Sequatchie, 34.13 days; Marion, 24.13 days; Hamilton, 17.75 days; Franklin, 12.00 days; Bradley, 11.63 days; Meigs, 10.38 days; Monroe, 7.63 days and McMinn, 1.50 days. Others decreased.

Fourteen counties showed increases in work with Youth/Adult (4-H), namely Hamilton, 109.00 days; Bradley, 92.25 days; Warren, 46.50 days; Franklin, 46.13 days; Rhea, 45.00 days; Monroe, 33.75 days; Meigs, 26.50 days; Van Buren, 21.88 days; Marion, 17.38 days; Polk, 8.13 days; McMinn, 4.38 days; Moore, 2.13 days; Sequatchie, 0.63 days and Bledsoe, 0.13 days. Others decreased.

Only one District III County showed slight increases in work with Young Farmers and Homemakers, Moore, 6.25 days. Other counties all had decreases.

Six counties had increases in work with SPIFFY, namely Franklin, 10.38 days; Moore 1.63 days; Rhea, 1.00 days; Bradley, 0.38 days and both Meigs and Monroe, 0.25 days. Others decreased.

District IV Counties. Table XXVI presents for each county in District IV the differences in agent days planned and spent. Totals ranged from a decrease of 74.99 days for Pickett County to an increase of 168.02 for DeKalb County. Increases in work with the Youth (4-H)

General Audience, used when 4-Hers of more than one audience are involved, ranged from a decrease of 99.37 for Smith County to an increase of 127.75 days for White County. Eleven of 15 District IV Counties with 4-H showed increases for this audience.

Five counties showed slight increases in days spent with Explorers over days planned, namely Smith, 4.00 days; Cannon, 2.75 days; Clay, 1.25 days; Putnam, 0.75 days and Morgan, 0.13 days. Other counties all had decreases.

Eight counties showed slight increases in work with Junior Youth, namely Smith, 67.25 days; Clay, 31.13; DeKalb, 23.13 days; Macon, 22.00 days; Jackson, 21.13 days; Scott, 13.88 days; Trousdale, 6.13 days and Morgan, 2.50 days. Others decreased.

Ten counties had increases in work with Junior High Youth, namely Smith, 77.88 days; DeKalb, 31.50 days; Trousdale, 26.50 days; Morgan, 23.75 days; Macon, 22.38 days; Jackson, 17.88 days; Clay, 12.75 days; White, 9.88 days; Pickett, 7.13 days and Fentress, 0.75 days. Others decreased.

Eleven counties showed increases in work with Seniors, namely Putnam, 54.88 days; Smith, 51.25 days; DeKalb, 45.88 days; Cannon, 36.25 days; Overton, 18.75 days; Clay, 14.25 days; Cumberland, 13.00 days; Macon, 12.75 days; Fentress, 12.50 days; Jackson, 11.50 days and Morgan, 3.75 days. Others decreased.

Ten counties had increases in work with Youth/Adult (4-H), namely Cumberland, 147.00 days; Morgan, 47.88 days; Cannon, 36.88 days;

Jackson, 11.63 days; Putnam, 8.63 days; DeKalb, 6.63 days; White, 5.38 days; Pickett, 1.00 days; Scott, 0.50 days and Smith, 0.13 days. Others decreased.

Three counties showed slight increases in work with Young Farmers and Homemakers, namely Cannon, 8.88 days; White, 6.25 days and Trousdale, 2.75 days. Others decreased.

Four counties showed increases in work with SPIFFY, namely Morgan, 14.00 days; Putnam, 12.50 days; Cumberland, 4.63 days and White, 1.00 days. Others decreased.

District V Counties. Table XXVII presents for each county in District V the differences in agent days planned and spent. Totals ranged from a decrease of 69.34 days for Cocke County to an increase of 187.16 for Carter County. Increases in work with the Youth (4-H) General Audience, when 4-Hers of more than one audience are involved, ranged from an increase of 10.38 for Hancock County to an increase of 250.50 days for Carter County. All District V Counties with 4-H showed increases for this general audience.

Four counties showed slight increases in days spent with Explorers over days planned, namely Hamblen, 15.13 days; Union, 8.25 days; Johnson, 6.00 days and Anderson, 1.75 days. Other counties all had decreases.

Five counties showed slight increases in work with Junior Youth, namely Johnson, 53.50 days; Hancock, 35.00 days; Hawkins, 27.38 days; Union, 23.25 days and Washington, 7.50 days. Others decreased.

Seven counties had increases in work with Junior High Youth, namely Union, 75.38 days; Johnson, 16.25 days; Claiborne, 15.75 days; Hancock, 12.75 days; Hamblen, 11.50 days; Grainger, 11.25 days and Sevier, 3.38 days. Others decreased.

Five counties showed increased work with Seniors, namely Carter, 17.38 days; Greene, 12.50 days; Unicoi, 4.13 days; Hawkins, 3.63 days and Cocke, 0.88 days. Others decreased.

Nineteen counties had increases in work with Youth Adult (4-H) namely Roane, 111.38 days; Blount, 103.13 days; Knox, 48.63 days; Sullivan, 44.13 days; Hamblen, 33.00 days; Anderson, 28.38 days; Loudon, 25.38 days; Greene, 21.63 days; Cocke, 17.88 days; Jefferson, 12.00 days; Carter, 11.63 days; Sevier, 3.25 days; Unicoi, 2.88 days; Claiborne, 2.75 days; Johnson, 1.38 days; Union, 0.75 days; Washington, 0.63 days; Grainger, 0.50 days and Hawkins, 0.38 days. The other two counties had no time recorded.

Four counties showed slight increases in work with Young Farmers and Homemakers, namely Hamblen, 5.88 days; Greene, 5.75 days; Cocke, 1.63 days and Claiborne 0.25 days. Others decreased.

Nine counties showed increases in work with SPIFFY, namely Carter, 45.63 days; Campbell, 39.63 days; Sullivan, 8.50 days; Anderson, 6.38 days; Hancock, 0.75 days; both Knox and Loudon, 0.50 days; Johnson, 0.38 days and Jefferson, 0.25 days. Others decreased.

Relative Percents of Agent Days

Information in Tables XXVIII through XXXIII consists of differences in relative percents of agent days planned and spent in FY 1978. Percents of days planned and spent were subtracted to get relative percent increases and decreases for counties and totals. Average per county changes in percents were then computed for district and state totals.

Discussion of State and District Totals. The summary table, Table XXVIII, shows that the larges change in average percents of time planned and spent, an increase of 12.49 per county for the state, occurred on the Youth (4-H) General Audience. This was the only consequential change (i.e. nine percent or more) found for state data.

When districts are compared, it may be seen that three districts (i.e. Districts I, 11.68 per county percent increase; II, 16.55 percent increase, and V, 25.78 percent increase) had consequential increases in relative average percents of time per county devoted to Youth (4-H) General, while the other two (i.e. Districts III and IV) did not.

District I reported a consequential decrease, 9.29 percent, in the relative average percent of time per county spent with Juniors compared to the percent planned. All other differences were inconsequential.

TABLE XXVIII

DIFFERENCES IN AVERAGE RELATIVE PERCENTS OF TENNESSEE 4-H AGENT DAYS PLANNED AND SPENT BY TEMIS AUDIENCE CATEGORY ACCORDING TO DISTRICT AND STATE TOTALS, FY 1978

Extension Supervisory District*	4-H AUDIENCES													
	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
	. . . DIFFERENCE IN RELATIVE PERCENT BETWEEN TIME PLANNED AND SPENT . . .													
District I	0	-0.40	-1.69	0.99	0.95	0.38	-0.53	6.42	-0.63	-1.61	-2.98	-9.29	-3.29	11.68
District II	0	-0.14	-3.38	0.23	0.75	0.05	-0.50	4.29	-0.76	-2.95	-8.95	-0.59	-4.60	16.55
District III	0	-0.14	-3.38	0.23	0.75	0.05	-0.50	4.29	-0.76	-2.95	-8.95	-0.59	-4.60	16.55
District IV	0	0.60	-0.76	-0.04	-0.07	0.12	-0.56	3.60	-3.79	1.69	1.82	0.41	-2.68	-0.34
District V	0	-0.53	-2.92	-0.16	+0.59	-0.01	-1.07	+5.65	-2.05	-7.11	-5.66	-7.53	-4.98	+25.78
State Total	0	-0.14	-2.07	0.27	0.51	0.12	-0.62	5.51	-2.22	-2.49	-3.91	-3.64	-3.81	12.49

*Minue (-) indicates more time was planned than spent

TABLE XXIX

DIFFERENCES IN RELATIVE PERCENTS OF DISTRICT I AGENT DAYS PLANNED AND SPENT BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County (Audience Difference Percent Between Days Planned and Expended)*	** Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Benton	0			0.10	1.23		-3.33	2.10		-3.27	5.65	-2.25	2.05	-2.28
Carroll	0	-1.40	0.50	7.04	0.37	1.95		2.62	-9.68	-2.28	-10.18	-30.60	-1.27	42.93
Chester	0			0.73			0.27			2.10	2.06	-0.44	-4.84	0.12
Crockett	0	0.65	0.76	0.98		0.11		-2.11		2.09	8.94	7.64	1.85	-20.91
Decatur	0		-0.54	-0.36	0.13		-0.71	9.87	-16.09	5.40	1.30	-9.24	-0.70	10.94
Dyer	0	0.14	-4.59	1.72	0.74	0.34	-1.63	2.04	-5.44	-14.88	-13.27	-11.61	-1.46	47.90
Fayette	0				0.29			0.45	0.04	3.05	4.25	-10.76	-10.36	13.04
Gibson	0	0.56	1.83	-0.47	1.01		-1.00	10.63	-9.83	0.58	-9.87	-6.06	-0.75	13.37
Hardeman	0		0.15	0.44	0.26	0.58	-1.66	1.39	0.22	-12.34	-8.89	-6.11	-6.81	32.77
Hardin	0	0.13	-0.43	-6.13	0.13			16.56	0.60	-4.19	-8.94	-2.44	-6.42	11.13
Haywood	0		0.12	-4.56				11.42		13.78	27.23	-44.93	-3.06	

Table XXIX (Continued)

County (Audience Difference Percent Between Days Planned and Expended)*	** Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Henderson	0	-0.76	-0.58	-1.37	0.32	3.41	0.82	11.31		-9.29	-11.45	-24.86	-5.32	37.77
Henry	0	0.11	-0.95	-0.26		0.07		8.26	-8.75	2.70	-4.53	-10.51	-4.57	18.43
Lauderdale	0	-3.78	0.54	1.61		0.43		0.43		-15.42	-9.43	-1.68		27.30
Madison	0	-3.26	-3.94	1.30	5.85	0.14	-3.34	8.14		3.92	-1.67	6.13	-6.33	-6.94
McNairy	0		-1.81	3.80				1.68	34.06	-2.95	-11.52	-15.47	-2.91	-4.88
Obion	0		-2.48	0.45	0.39			15.15	-1.51	-5.10	-16.91	-16.09	-12.36	38.46
Shelby	0	0.06	-14.04	4.79	1.09	0.12		5.04	3.32	8.81	3.28	6.27	2.33	-21.07
Tipton	0		-3.94	8.27	6.36	0.51	0.06	9.34	0.51	3.30	1.53	2.48	-2.15	-26.27
Weakley	0	-0.48	-4.45	1.62	0.84			13.99		-8.24	-7.26	-15.20	-2.70	21.88
District I Total	0	-0.40	-1.69	+0.99	+0.95	+0.38	-0.53	+6.42	-0.63	-1.61	-2.98	-9.29	-3.29	+11.68

*Lake County Does Not Have 4-H Program
**Minus (-) indicates more time was planned than spent

TABLE XXX

DIFFERENCES IN RELATIVE PERCENTS OF DISTRICT II AGENT DAYS PLANNED AND SPENT BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County (Audience Difference Percent Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Bedford	0	0.41	-5.28	0.76	0.35	0.06	0.16	9.47	0.13	-16.38	-8.39	-6.71	-7.29	32.71
Cheatham	0				0.29			21.07		-10.48	-12.77	-2.73	-7.93	12.55
Davidson	0		-3.02	0.16	0.43		0.05	7.19	-0.01	1.01	-6.30	-13.80	-8.69	22.98
Dickson	0			1.18			-0.59	0.30	0.09	17.50	17.24	23.46	4.18	-63.36
Giles	0	-1.44	-0.70	2.06	-2.84		0.13	10.94	0.03	0.10	2.49	-10.29	-15.24	14.76
Hickman	0		-4.15	1.04	0.31	0.39	-2.52	6.46	1.91	5.78	-23.50	7.36	-2.69	9.61
Houston	0	0.49	-11.54	1.48	0.33			2.80	-28.13	-5.18	11.52	9.39	-0.44	19.28
Humphreys	0	0.05			0.21					-30.13	-39.26	9.00	3.01	57.12
Lawrence	0	-0.56	-2.18	1.98	9.03	0.04	-4.76	7.46	0.08	-5.97	-7.29	-6.74	-5.79	14.70
Lewis	0			0.42		0.42		0.41		-0.61	-29.37	7.74	-4.81	25.80
Lincoln	0		-0.49	-2.01	0.52		-2.01	12.19	-11.02	-3.17	-7.23	-9.54	-8.35	31.11

Table XXX (Continued)

County (Audience Difference Percent Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Marshall	0	0.84	0.60	3.21	0.14			4.14		-3.77	-12.41	-10.32	-20.69	38.26
Maury	0	0.59	-6.36	-0.18	5.51	0.16	-2.24	2.52	0.07	-1.41	-12.10	-12.57	-4.30	30.31
Montgomery	0	0.18	-1.61	0.47	0.09		2.10	4.21		-6.13	-8.45	-23.66	-13.93	46.73
Perry	0			-1.10	-0.92			-5.93		-10.24	-1.62	-3.71	-2.50	26.02
Robertson	0	0.41	-6.15	2.13	0.24			1.21	2.45	4.67	-3.91	-4.87	-9.00	12.82
Rutherford	0	0.17		-3.27	0.90		-1.28	-1.02		1.07	-24.24	11.41	0.30	15.96
Stewart	0	0.14	-2.99	0.49				3.83	2.90	-25.06	-17.98	21.60	2.72	14.35
Sumner	0	0.06	-3.13	-1.04	0.61		-0.49	1.01	0.28	20.75	12.04	9.93	-0.39	-39.63
Wayne	0	0.37	-19.85	0.82	0.18			3.02	20.29	-3.23	-10.03	-1.72	-1.63	11.78
Williamson	0	0.09	-2.68	-2.38	0.56	0.04	0.43	5.58	0.11	-5.47	-11.81	-0.97	1.21	15.29
Wilson	0	-4.93	-4.72	-1.25	0.48			-2.50	-5.90	11.47	-3.58	-5.13	1.00	15.06
District II Total	0	-0.14	-3.38	+0.23	+0.75	+0.05	-0.50	+4.29	-0.76	-2.95	-8.95	-0.59	-4.60	+16.53

*Minus (-) indicates more time was planned than spent

TABLE XXXI

DIFFERENCES IN RELATIVE PERCENTS OF DISTRICT III AGENT DAYS PLANNED AND SPENT BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County (Audience Difference Percent Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Bledsoe	0	0.61	-5.80	0.27	0.61		-0.64	0.03	-9.53	-12.30	14.28	6.81	-2.46	8.12
Bradley	0	0.20	-2.06	3.53	0.13		-0.75	24.72	0.10	2.78	9.19	16.07	6.10	-60.01
Coffee	0	-2.14	-3.95	-3.03	0.32	-2.58		0.88	-0.24	0.37	0.87	-1.02	-6.71	17.23
Franklin	0	0.47	-0.60	1.03	0.22	1.16	-6.21	10.87	2.59	1.96	-0.60	-0.31	-4.78	-5.80
Grundy	0	0.06		2.79			-1.95	-1.23	-11.02	-7.09	4.04	2.61	-8.65	20.44
Hamilton	0	0.74	-2.23	0.84	0.87			19.47	-2.86	4.24	-5.27	-7.92	-3.52	-4.36
Marion	0	0.16	0.16	-4.95	0.87	0.04		5.53		2.27	-15.80	12.40	-6.42	5.79
McMinn	0	0.07	0.37	2.00	0.53	0.32		0.87	-19.16	0.84	-5.56	-6.98	-3.00	31.70
Meigs	0			0.16				11.53	0.11	-3.21	-17.44	-9.81	-0.97	19.63
Monroe	0	0.06	0.10	0.41	0.35			8.59	0.06	0.04	-10.58	0.45	0.81	-0.29
Moore	0			0.98		0.31	3.07	1.05	0.80	11.96	-11.55	-19.06	-7.17	19.61
Polk	0	0.06	0.08	0.14				1.78	-11.88	-2.46	-6.83	-3.86	-7.43	30.42
Rhea	0		0.07	0.52	0.42			12.59	0.28	-13.57	8.77	13.47	-4.70	-17.85
Sequatchie	0	0.07		0.26	-2.78	1.17		0.32		12.83	6.96	-3.98	5.39	-20.24
Van Buren	0			0.23	0.15	0.46		13.36	-21.50	-8.80	10.08	5.74		0.28
Warren	0		0.11		-0.21		0.10	12.60	-7.26	-2.80	-0.30	2.91	-0.63	-4.52
District III Total	0	+0.02	-0.86	+0.32	+0.09	+0.06	-0.40	+7.69	-4.97	-0.81	-1.23	+0.47	-2.89	+2.51

*Minus (-) indicates more time was planned than spent

TABLE XXXII

DIFFERENCES IN RELATIVE PERCENTS OF DISTRICT IV AGENT DAYS PLANNED AND SPENT BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County (Audience Difference Percent Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Cannon	0	0.26	0.08	3.95	0.11	0.19	0.95	11.09		1.13	-10.62	-14.68	-1.33	8.87
Clay	0		-0.30	0.32	0.13			-0.99	-14.63	1.10	0.96	6.63	0.27	6.51
Cumberland	0	0.14	-3.20	-6.00	0.28		-4.10	39.64	1.29	1.85	-9.24	-18.11	-11.36	8.81
DeKalb	0		-0.89	0.18	-1.65		-1.10	1.89	-9.07	6.78	5.31	6.08	-3.61	-3.92
Fentress	0	7.40					-0.78	-0.52	-26.06	4.52	0.72		-4.61	19.33
Jackson	0			0.36				6.21	-1.22	6.57	10.21	12.07	-1.25	-32.95
Macon	0	0.13			0.19				-6.27	-1.38	0.94	3.11	-0.82	4.10
Morgan	0		0.03	-1.21				-3.74	-1.27	-0.11	3.90	0.52	0.03	1.85
Overton	0		-2.61	0.36	0.10			0.10		10.09	0.26	-3.16	-3.53	-1.61
Pickett	0							1.10		-0.84	11.80	7.94	-1.91	-18.09
Putnam	0	0.64	-0.18	0.50	-1.45	0.06		1.90	-1.17	8.28	-7.92	-5.94	-0.38	5.66
Scott	0		-4.62	1.18			-3.95	0.23	2.36	-9.04	-1.98	7.65	-4.28	12.45
Smith	0			0.25	0.78	1.63	-1.96	-0.67	-1.02	12.50	18.83	16.86	0.57	-47.77
Trusdale	0	0.43		0.25			1.35	-3.39		-5.83	7.61	-2.11	-1.76	3.45
White	0		0.28	-0.78	0.39		1.19	1.10	0.22	-10.25	-3.42	-10.67	-6.22	28.16
District IV Total	0	+0.60	-0.76	-0.04	-0.07	+0.12	-0.56	+3.60	-3.79	+1.69	+1.82	+0.41	-2.68	-0.34

*Minus (-) indicates more time was planned than spent

TABLE XXXIII

DIFFERENCES IN RELATIVE PERCENTS OF DISTRICT V AGENT DAYS PLANNED AND SPENT BY TEMIS AUDIENCE CATEGORY ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

County (Audience Difference Percent Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Anderson	0	0.29	-1.63	0.74	0.09	-1.16	-3.37	8.35	1.88	-3.87	-12.65	-6.92	0.64	17.61
Blount	0	-5.19	1.52	-0.70	5.35	0.13		26.11		-13.80	-19.27	-21.61	-5.45	32.91
Campbell	0	-0.61	-5.56	-0.70					10.34	-4.27	-9.33	-15.96	-0.74	26.84
Carter	0	1.41	-6.61	-3.58	0.06	0.14	-1.49	1.90	4.51	-3.11	-7.97	-12.01	-14.11	40.86
Claiborne	0		-4.36	0.13	0.13		0.06	0.71	-12.91	-4.68	5.73	-2.52	-7.41	25.12
Cocke	0		-5.89	0.06		0.04	0.50	5.47	-24.75	4.13	-6.48	-8.40	-0.20	35.52
Grainger	0	-0.87	-0.73	0.21	0.05	0.41		0.18	-12.05	-3.19	1.70	-5.21	-8.79	28.29
Greene	0			0.39	0.46	-0.62	1.05	6.10		0.85	-10.64	-36.84	-2.16	41.41
Hamblen	0	0.11	-0.53	0.11	1.98		0.96	5.93		-6.15	-2.10	-7.58	0.54	6.73
Hancock	0	-1.40	0.80	0.54	0.20				0.40	-10.99	-0.92	14.77	-8.95	5.55
Hawkins	0	0.09	-3.26	-0.03	0.60			0.07	-10.76	1.21	-6.96	5.29	-3.27	17.02

Table XXXIII (Continued)

County (Audience Difference Percent Between Days Planned and Expended)*	Total	Leaders (Vol. Junior and/or Teen)	Leaders (Vol. Adult Junior and/or Teen)	Leaders (Vol. Adult)	Youth/Adult (Other)	Youth (Other)	Young Farmers & Homemakers	Youth/Adult (4-H)	Youth Spiffy	Youth (4-H) Senior	Youth (4-H) Junior High	Youth (4-H) Junior	Youth (4-H) Explorer	Youth (4-H) General
Jefferson	0		-3.31	0.60	0.13	0.30		4.15	0.09	-19.13	-22.44	-6.76	-4.17	50.54
Johnson	0	-4.24	-5.00	3.73			-11.61	0.37	0.10	-28.87	-2.55	14.34	0.35	33.38
Knox	0	0.09	-7.10	0.09	0.13	0.04	-1.70	8.38	0.09	-0.60	-8.94	-5.01	-4.75	19.28
Loudon	0	0.27	-9.46	3.00			-1.32	14.64	0.27	-6.72	-5.96	-5.72	-11.31	22.31
Roane	0		-2.17	1.13	2.54		-1.34	24.04	-1.96	-11.31	-2.61	-18.10	-14.61	24.39
Sevier	0	-1.40	-5.05	-2.46				1.22		-4.64	-0.91	-2.12	-11.90	27.24
Sullivan	0	0.44	-0.23	-0.64	0.15	0.29	-2.60	8.66	1.67	-5.93	-1.92	-10.38	-3.35	13.84
Unicoi	0		0.08	-6.13	0.33			1.87		-2.75	-18.01	-16.74	-5.15	46.50
Union	0	0.21		0.10	0.10	0.16		0.32		-21.04	19.27	-9.79	1.45	9.22
Washington	0	-0.39	-2.92	0.03	0.12		-1.47	0.14		-4.39	-5.95	-0.77	-1.22	16.82
District V Total	0	-0.53	-2.92	-0.16	+0.59	-0.01	-1.07	+5.65	-2.05	-7.11	-5.66	-7.53	-4.98	+25.78

*Minus (-) indicates more time was planned than spent

District I Counties. Table XXIX shows, for District I Counties, the differences in relative percents of agent days planned and spent per county. Again, the largest relative change was the consequential increase of 11.68 average percent per county in work with the Youth (4-H) General Audience. This was mostly offset by a decrease of 9.29 relative average percent per county in work with Juniors as indicated earlier.

Differences between counties in work with the Youth (4-H) General Audience ranged from a decrease of 26.27 relative percent in Tipton County to an increase of 47.90 relative percent in Dyer County. Twelve counties had consequential increases (i.e. Dyer, 47.90; Carroll, 42.93; Obion, 38.46; Henderson, 37.77; Hardeman, 32.77; Lauderdale, 27.30; Weakley, 21.88; Henry, 18.43; Gibson, 13.37; Fayette, 13.04; Hardin, 11.13 and Decatur, 10.94) and three had consequential decreases (i.e. Tipton, 26.27; Shelby, 21.07 and Crockett, 20.91).

Differences between counties in work with the Explorer audience ranged from a decrease of 12.36 relative percent in Obion County to an increase of 2.33 relative percent in Shelby County. None had consequential increases. Two counties had consequential decreases (i.e. Obion, 12.36 and Fayette, 10.36) in relative percent changes.

Differences between counties in work with the Junior audience ranged from a decrease of 44.93 relative percent in Haywood County to an increase of 7.64 relative percent in Crockett County. None had consequential increases. Ten counties had consequential decreases (i.e. Haywood, 44.93; Carroll, 30.60; Henderson, 24.86; Obion, 16.09;

McNairy, 15.47; Weakley, 15.20; Dyer, 11.61; Fayette, 10.76; Henry, 10.51 and Decatur, 9.24).

Differences between counties in work with the Junior High audience ranged from a decrease of 16.91 relative percent in Obion County to an increase of 27.23 relative percent in Haywood County, the only county which had a consequential increase. Seven counties had consequential decreases (i.e. Obion, 16.91; Dyer, 13.27; McNairy, 11.52; Henderson, 11.45; Carroll, 10.18; Gibson, 9.87 and Lauderdale, 9.43) in work with Junior High 4-Hers.

Differences between counties in work with the Senior audience ranged from a decrease of 15.42 relative percent in Lauderdale County to an increase of 13.78 relative percent in Haywood County. Only one county had a consequential increase: Haywood, 13.78. Four counties had consequential decreases (i.e. Lauderdale, 15.42; Dyer, 14.88; Hardeman, 12.34 and Henderson, 9.29) in relative percents of time with Seniors.

Differences between counties in work with the Youth/Adult (4-H) audience ranged from a decrease of 2.11 relative percent in Crockett County to an increase of 16.56 relative percent in Hardin County. Eight counties had consequential increases in work with this audience (i.e. Hardin, 16.56; Obion, 1515; Weakley, 13.99; Haywood, 11.42; Henderson, 11.31; Gibson, 10.63; Decatur, 9.87 and Tipton, 9.34).

No District I county recorded consequential changes for work with the Young Farmer and Homemaker audience.

Differences between counties in work with the Youth SPIFFY audience ranged from a decrease of 16.09 relative percent in Decatur County to an increase of 34.06 relative percent in McNairy County. One county had a consequential increase: McNairy, 34.06. Three counties had consequential decreases (i.e. Decatur, 16.09; Gibson, 9.83 and Carroll, 9.68).

Differences between counties in work with the Leaders (Volunteer, Adult, Junior and/or Teen) audience had one county with a consequential decrease: Shelby, 14.04.

District II Counties. Table XXX shows, for District II Counties, the differences in relative percents of agent days planned and spent per county. Again, the largest relative change was the consequential increase of 16.55 average percent per county in work with the Youth (4-H) General Audience. This was mostly offset by a decrease of 8.95 relative average percent per county in work with Junior High as indicated earlier.

Differences between counties in work with the Youth (4-H) General Audience ranged from a decrease of 63.36 relative percent in Dickson County to an increase of 57.12 relative percent in Humphreys County. Twenty counties had consequential increases (i.e. Humphreys, 57.12; Montgomery, 46.73; Marshall, 38.26; Bedford, 32.71; Lincoln, 31.11; Maury, 30.31; Perry, 26.02; Lewis, 25.80; Davidson, 22.98; Houston, 19.28; Rutherford, 15.96; Williamson, 15.29; Wilson, 15.06; Giles, 14.76; Lawrence, 14.70; Stewart, 14.35; Robertson, 12.82; Cheatham, 12.55; Wayne, 11.78 and Hickman, 9.61) and two had consequential decreases (i.e. Dickson, 63.36 and Sumner, 39.63).

Differences between counties in work with the Explorer audience ranged from a decrease of 20.69 relative percent in Marshall County to an increase of 4.18 relative percent in Dickson County. No county had consequential increases. Four counties had consequential decreases (i.e. Marshall, 20.69; Giles, 15.24; Montgomery, 13.93 and Robertson, 9.00).

Differences between counties in work with the Junior audience ranged from a decrease of 23.66 relative percent in Montgomery County to an increase of 23.46 relative percent in Dickson County. Six counties had consequential increases (i.e. Dickson, 23.46; Stewart, 21.60; Rutherford, 11.41; Sumner, 9.93; Houston, 9.39 and Humphreys, 9.00). Six counties had consequential decreases (i.e. Montgomery, 23.66; Davidson, 13.80; Manry, 12.57; Marshall, 10.32; Giles, 10.29 and Lincoln, 9.54).

Differences between counties in work with the Junior High audience ranged from a decrease of 39.26 relative percent in Humphreys County to an increase of 17.24 relative percent in Dickson County. Three counties had consequential increases (i.e. Dickson, 17.24; Sumner, 12.04 and Houston, 11.52). Ten counties had consequential decreases (i.e. Humphreys, 39.26; Lewis, 29.37; Rutherford, 24.24; Hickman, 23.50; Stewart, 17.98; Cheatham, 12.77; Marshall, 12.41; Maury, 12.10; Williamson, 11.81 and Wayne, 10.03).

Differences between counties in work with the Senior audience ranged from a decrease of 30.13 relative percent in Humphreys County to an increase of 20.75 relative percent in Sumner County. Three counties

had consequential increases (i.e. Sumner, 20.75; Dickson, 17.50 and Wilson, 11.47). Five counties had consequential decreases (i.e. Humphreys, 30.13; Stewart, 25.06; Bedford, 16.38; Cheatham, 10.48 and Perry, 10.24).

Differences between counties in work with the Youth/Adult (4-H) audience ranged from a decrease of 5.93 relative percent in Perry County to an increase of 21.07 relative percent in Cheatham County. Three counties had consequential increases (i.e. Cheatham, 21.07; Lincoln, 12.19 and Giles, 10.94). No county had a consequential decrease.

Differences between counties in work with the Youth SPIFFY audience ranged from a decrease of 28.13 relative percent in Houston County to an increase of 20.29 relative percent in Wayne County. Only one county had a consequential increase: Wayne, 20.29. Two counties had consequential decreases (i.e. Houston, 28.13 and Lincoln, 11.02).

One county, Lawrence, 9.03 relative percent, had a consequential increase in work with the Youth/Adult (Other) audience.

Two counties (i.e. Wayne, 19.35 and Houston, 11.54) had consequential decreases in relative percents of time spent with the Leader (Volunteer, Adult, Junior and/or Teen) audience.

District III Counties. Table XXXI shows for District III counties, the differences in relative percents of agent days planned and spent per county. The largest relative change was the increase of 7.69 average percent per county in work with the Youth/Adult (4-H). This was partially offset by a decrease of 4.97 relative average percent per county in work with Youth SPIFFY as indicated earlier.

Differences between counties in work with the Youth (4-H) General Audience (i.e. total average county decrease 2.51) ranked from a decrease of 60.01 relative percent in Bradley County to an increase of 31.70 relative percent in McMinn County. Six counties had consequential increases (i.e. McMinn, 31.70; Polk, 30.42; Grundy, 20.44; Meigs, 19.63; Moore, 19.61 and Coffee, 17.23). Three counties had consequential decreases (i.e. Bradley, 60.01; Sequatchie, 20.24 and Rhea, 17.85).

No consequential changes were noted for Explorers.

Differences between counties in work with the Junior audience ranged from a decrease of 19.06 relative percent in Moore County to an increase of 16.07 relative percent in Bradley County. Three counties had consequential increases (i.e. Bradley, 16.07; Rhea, 13.47 and Marion, 12.40). Two counties had consequential decreases (i.e. Moore, 19.06 and Meigs, 9.81).

Differences between counties in work with the Junior High audience ranged from a decrease of 17.44 relative percent in Meigs County to an increase of 14.28 relative percent in Bledsoe County. Three counties had consequential increases (i.e. Bledsoe, 14.28; Van Buren, 10.08 and Bradley, 9.19). Four counties had consequential decreases (i.e. Meigs, 17.44; Marion, 15.80; Moore, 11.55 and Monroe, 10.58).

Differences between counties in work with the Senior audience ranged from a decrease of 13.57 relative percent in Rhea County to an increase of 12.83 relative percent in Sequatchie County. Two counties had consequential increases (i.e. Sequatchie, 12.83 and Moore, 11.96).

Two counties also had consequential decreases (i.e. Rhea, 13.57 and Bledsoe, 12.30) in Senior work.

Differences between counties in work with the Youth/Adult (4-H) audience ranged from a decrease of 1.23 relative percent in Grundy County to an increase of 24.72 relative percent in Bradley County. Seven counties had consequential increases (i.e. Bradley, 24.72; Hamilton, 19.47; Van Buren, 13.36; Warren, 12.60; Rhea, 12.59; Meigs, 11.53 and Franklin, 10.87). No county had a consequential decrease.

Differences between counties in work with the Youth SPIFFY audience ranged from a decrease of 21.50 relative percent in Van Buren County to an increase of 2.59 relative percent in Franklin County. No county had a consequential increase, while five counties had consequential increases (i.e. Van Buren, 21.50; McMinn, 19.16; Polk, 11.88; Grundy, 11.02 and Bledsoe, 9.53).

District IV Counties. Table XXXII shows, for District IV counties, the differences in relative percents of agent days planned and spent per county. No consequential relative changes were noted for the District IV totals.

Differences between counties in work with the Youth (4-H) General Audiences ranged from a decrease of 47.77 relative percent in Smith County to an increase of 28.16 relative percent in White County. Three counties had consequential increases (i.e. White, 28.16; Fentress, 19.33 and Scott, 12.45). Three counties also had consequential decreases (i.e. Smith, 47.77; Jackson, 32.95 and Pickett, 18.09).

Differences between counties in work with the Explorer audience ranged from a decrease of 11.36 relative percent in Cumberland County to an increase of 0.57 relative percent in Smith County. None had consequential increases. Only one county had a consequential decrease: Cumberland, 11.36.

Differences between counties in work with the Junior audience ranged from a decrease of 18.11 relative percent in Cumberland County to an increase of 16.86 relative percent in Smith County. Two counties had consequential increases (i.e. Smith, 16.86 and Jackson, 12.07). Three counties had consequential decreases (i.e. Cumberland, 18.11; Cannon, 14.68 and White, 10.67).

Differences between counties in work with the Junior High audience ranged from a decrease of 10.62 relative percent in Cannon County to an increase of 18.83 relative percent in Smith County. Three counties had consequential increases (i.e. Smith, 18.83; Pickett, 11.80 and Jackson, 10.21). Two counties had consequential decreases (i.e. Cannon, 10.62 and Cumberland, 9.24).

Differences between counties in work with the Senior audience ranged from a decrease of 10.25 relative percent in White County to an increase of 12.50 relative percent in Smith County. Two counties had consequential increases (i.e. Smith, 12.50 and Overton, 10.09). Two counties too had consequential decreases (i.e. White, 10.25 and Scott, 9.04).

Differences between counties in work with the Youth/Adult (4-H) audience ranged from a decrease of 3.74 relative percent in Morgan County

to an increase of 39.64 relative percent in Cumberland County. Two counties had consequential increases (i.e. Cumberland, 39.64 and Cannon, 11.09). None had consequential decreases.

No consequential changes were noted on YF&H.

Differences between counties in work with the Youth SPIFFY audience ranged from a decrease of 26.06 relative percent in Scott County. None had consequential increases, while three counties had consequential decreases (i.e. Fentress, 26.06; Clay, 14.63 and DeKalb, 9.07).

District V Counties. Table XXXIII shows, for District V Counties, the differences in relative percents of agent days planned and spent per county. Again, the largest relative changes was the consequential increase of 25.78 average percent per county in work with the Youth (4-H) General Audience. This was mostly offset by decreases of 7.53 relative average percent per county in work with Juniors and 7.11 with Seniors.

Differences between counties in work with the Youth (4-H) General audience ranged from an increase of 5.55 relative percent in Hancock County to an increase of 50.54 relative percent in Jefferson County. Nineteen of 21 counties had consequential increases (i.e. Jerferson, 50.54; Unicoi, 46.50; Greene, 41.41; Carter, 40.86; Cocke, 35.52; Johnson, 33.38; Blount 32.91; Grainger, 28.29; Sevier, 27.24; Campbell, 26.85; Claiborne, 25.12; Roane, 24.39; Loudon, 22.31; Knox, 19.28; Anderson, 17.61; Hawkins, 17.02; Washington, 16.82; Sullivan, 13.84 and Union, 9.22). None had consequential decreases.

Differences between counties in work with the Explorer audience ranged from a decrease of 14.61 relative percent in Roane County to an increase of 1.45 relative percent in Union County. None had consequential increases, while four counties had consequential decreases (i.e. Roane, 14.61; Carter, 14.11; Sevier, 11.90 and Loudon, 11.31).

Differences between counties in work with the Junior audience ranged from a decrease of 36.84 relative percent in Greene County to an increase of 14.77 relative percent in Hancock County. Two counties had consequential increases (i.e. Hancock, 14.77 and Johnson, 14.34). Eight counties had consequential decreases (i.e. Greene, 36.84; Blount, 21.61; Roane, 18.10; Unicoi, 16.74; Campbell, 15.96; Carter, 12.01; Sullivan, 10.38 and Union, 9.79).

Differences between counties in work with the Junior High audience ranged from a decrease of 22.44 relative percent in Jefferson County to an increase of 19.27 relative percent in Union County. One county had a consequential increase: Union, 19.27. Six counties had consequential decreases (i.e. Jefferson, 22.44; Blount, 19.27; Unicoi, 18.01; Anderson, 12.65; Greene, 10.64 and Campbell, 9.33).

Differences between counties in work with the Senior audience ranged from a decrease of 28.87 relative percent in Johnson County to an increase of 4.13 relative percent in Cocke County. No county had a consequential increase. Six counties had consequential decreases (i.e. Johnson, 28.87; Union, 21.04; Jefferson, 19.13; Blount, 13.80; Roane, 11.31 and Hancock, 10.99).

Differences between counties in work with the Youth/Adult (4-H) audience ranged from an increase of 0.07 relative percent in Hawkins County to an increase of 26.11 relative percent in Blount County. Three counties had consequential increases (i.e. Blount, 26.11; Roane, 24.04 and Loudon, 14.64). None had decreases recorded.

Differences between counties in work with the Young Farmers and Homemakers audience ranged from a decrease of 11.61 relative percent in Johnson County to an increase of 1.05 relative percent in Greene County. None had consequential increases, while only one county had a consequential decrease: Johnson, 11.61.

Differences between counties in work with the Youth SPIFFY audience ranged from a decrease of 24.75 relative percent in Cocke County to an increase of 10.34 relative percent in Campbell County. Only one county had a consequential increase: Campbell, 10.34. Four counties had consequential decreases (i.e. Cocke, 24.75; Claiborne, 12.91; Grainger, 12.05 and Hawkins, 10.76).

Differences between counties in work with the Leaders (Volunteer, Adult, Junior and/or Teen) audience ranged from a decrease of 9.46 relative percent in Loudon County to an increase of 1.52 relative percent in Blount County. Only one county had a consequential increase: Loudon, 9.46. None had consequential decreases.

Percent of Tennessee 4-H Agent Time Spent That Was Planned

Reference to Table XXXIV shows that 69.30 percent of all 4-H agent time spent was planned in the Annual Plan of Work (POW) for FY 1978.

TABLE XXXIV

NUMBERS AND PERCENTS OF ALL TENNESSEE 4-H AGENT DAYS EXPENDED THAT WERE PLANNED AND NOT PLANNED BY PROGRAM AREA, FY 1978

Program Area	All Days Expended	Planned (Annual Goal Code Used)*		Unplanned (Annual Goal Code Not Used)	
	No.	No.	%	No.	%
Non-Extension	12.250	1.250	10.20	11	89.80
Agricultural Production	1743.750	1073.750	61.58	670	38.42
Agricultural Marketing	147.750	124.750	84.43	23	15.57
UT-TVA	40.375	33.875	83.90	6	14.86
Community Resource Development	91.875	72.750	79.18	19	20.68
Home Economics	2966.000	2198.250	74.11	768	25.89
4-H and Other Youth	34850.875	24583.000	70.54	10268	29.46
Administration	3684.125	2526.500	68.58	1158	31.43
Leave and Holidays	6036.125	3738.750	61.94	2297	38.05
TOTAL	49573.125	34352.875	69.30	15220	30.70

*Agents are instructed to include from 60 to 80 percent of all time planned in their Annual Plans (POW)

Of course, the largest part (i.e. about one-half) of all time was planned and spent under the 4-H and Other Youth Project Code, 70.54 percent of that time having been planned for 4-H and other youth work.

Agents are asked to include from 60 percent to 80 percent of all work they intend to do in the POW, so the average for the State falls almost exactly in the middle of that suggested bracket.

E. ACTUAL ENROLLMENT, FY 1978

Reference to data in Tables XXXV through XL discloses that actual enrollments for the four primary audiences in FY 1978 varied somewhat from the suggested State Standard #4, which states that percents of the total county 4-H enrollment that the various audiences should approximate are: Explorers, 20 percent; Juniors, 40 percent; Junior Highs, 30 percent and Seniors, 10 percent.

Discussion of State Totals

As seen in Table XXXV, actual proportions for State total enrollment data by audience were as follows: Explorers, 21.30 percent; Juniors, 45.98 percent; Junior Highs, 29.16 percent and Seniors, 3.56 percent. Thus, Junior and Senior percents were somewhat at variance with the Standard. The following discussion will consider individual audiences by districts.

Comparisons of District Data

Explorer Audience, 20 Percent. A study of information in Table XXXV shows that District I, 19.41 percent Explorers, came closest

TABLE XXXV

ACTUAL NUMBERS AND PERCENTS OF TENNESSEE YOUTH ENROLLED IN ORGANIZED 4-H CLUBS FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO DISTRICT AND STATE TOTALS, FY 1978

District	Four Primary 4-H Audiences									
	1978 Total Enrollment		Explorer Enrollment		Junior Enrollment		Junior High Enrollment		Senior Enrollment	
	No.	%*	No.	%	No.	%	No.	%	No.	%
I	38,111	22.39	7,397	19.41	18,653	48.95	10,821	28.39	1,240	3.25
II	48,957	28.76	11,988	24.49	23,565	48.13	11,543	23.58	1,861	3.80
III	23,698	13.92	5,548	23.41	10,277	43.37	7,147	30.16	726	3.06
IV	18,600	10.93	3,481	18.71	7,378	39.67	6,914	37.17	827	4.45
V	40,856	24.00	7,842	19.19	18,404	45.05	13,210	32.33	1,400	3.43
State Total	170,222	100.00	36,256	21.30	78,277	45.98	49,635	29.16	6,054	3.56

*Percents here shown are percents of enrollment accounted for in each district. Five district totals add to 100 percent.

**State total percents are average percents for five districts.

TABLE XXXVI

ACTUAL NUMBERS AND PERCENTS OF DISTRICT I YOUTH ENROLLED IN ORGANIZED 4-H CLUBS FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

District and County*	1978 Total Enrollment	Explorer Enrollment	%	Junior Enrollment	%	Junior High Enrollment	%	Senior Enrollment	%
Benton	1,257	221	17.58	411	32.70	536	42.64	89	7.08
Carroll	1,967	366	18.61	874	44.43	651	33.10	76	3.86
Chester	890	150	16.86	357	40.11	374	42.02	9	1.01
Crockett	1,398	108	7.72	496	35.48	593	42.42	201	14.38
Decatur	986	185	18.76	294	29.82	389	39.45	118	11.97
Dyer	1,592	249	15.64	718	45.10	586	36.81	39	2.45
Fayette	2,065	385	18.64	826	40.00	777	37.63	77	3.73
Gibson	2,251	3	0.13	1,311	58.24	828	36.79	109	4.84
Hardeman	1,907	367	19.24	923	48.40	602	31.57	15	0.79
Hardin	1,318	32	2.43	606	45.98	563	42.71	117	8.88
Haywood	1,015	18	1.77	477	47.00	481	47.39	39	3.84
Henderson	1,625	309	19.02	620	38.15	653	40.18	43	2.65
Henry	1,519	374	24.62	737	48.52	365	24.03	43	2.83
Lauderdale	1,229	0	0.00	775	63.06	444	36.13	10	0.81
Madison	1,962	554	28.24	1,017	51.83	258	13.15	133	6.78
McNairy	1,607	287	17.86	661	41.13	653	40.64	6	0.37
Obion	1,578	454	28.77	576	36.50	522	33.08	26	1.65
Shelby	9,841	3,026	30.75	5,760	58.53	990	10.06	65	0.66
Tipton	604	0	0.00	376	62.25	219	36.26	9	1.49
Weakley	1,500	309	20.60	838	55.86	337	22.47	16	1.07
District I Total	38,111	7,397	19.41	18,653	48.95	10,821	28.39	1,240	3.25

* Lake County does not have 4-H program

TABLE XXXVII

ACTUAL NUMBERS AND PERCENTS OF DISTRICT II YOUTH ENROLLED IN ORGANIZED 4-H CLUBS FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

District and County	1978 Total Enrollment	Explorer Enrollment	%	Junior Enrollment	%	Junior High Enrollment	%	Senior Enrollment	%
Bedford	1,369	322	23.52	664	48.50	329	24.03	54	3.95
Cheatham	2,016	396	19.64	761	37.75	671	33.28	188	9.33
Davidson	10,049	3,415	33.98	5,638	56.11	833	8.29	163	1.62
Dickson	1,672	298	17.82	898	53.71	465	27.81	11	0.66
Giles	1,604	309	19.26	695	43.33	461	28.74	139	8.67
Hickman	762	146	19.16	315	41.34	247	32.41	54	7.09
Houston	665	103	15.49	216	32.48	255	38.35	91	13.68
Humphreys	1,549	214	13.82	569	36.73	661	42.67	105	6.78
Lawrence	1,891	386	20.41	757	40.03	625	33.05	123	6.51
Lewis	454	81	17.84	219	48.24	136	29.96	18	3.96
Lincoln	1,263	312	24.70	500	39.59	405	32.07	46	3.64
Marshall	1,187	260	21.90	492	41.45	350	29.49	85	7.16
Maury	1,224	347	28.35	732	59.80	126	11.11	9	0.74
Montgomery	3,404	858	25.21	1,796	52.76	718	21.09	32	0.94
Perry	523	74	14.15	163	31.17	240	45.89	46	8.79
Robertson	2,189	579	26.45	1,018	46.51	526	24.03	66	3.01
Rutherford	4,036	997	24.70	1,666	41.28	1,239	30.70	134	3.32
Stewart	687	114	16.59	264	38.43	277	40.32	32	4.66
Sumner	4,719	1,163	24.65	2,758	58.44	727	15.41	71	1.50
Wayne	1,132	242	21.01	458	39.76	400	34.72	52	4.51
Williamson	3,686	801	21.73	1,506	40.86	1,116	30.28	263	7.13
Wilson	2,856	571	19.99	1,480	51.82	726	25.42	79	2.77
District II Total	48,957	11,988	24.49	23,565	48.13	11,543	23.58	1,861	3.80

TABLE XXXVIII

ACTUAL NUMBERS AND PERCENTS OF DISTRICT III YOUTH ENROLLED IN ORGANIZED 4-H CLUBS FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

District and County	1978 Total Enrollment	Explorer Enrollment	Explorer %	Junior Enrollment	Junior %	Junior High Enrollment	Junior High %	Senior Enrollment	Senior %
Bledsoe	630	150	23.81	246	39.05	219	34.76	15	2.38
Bradley	3,151	781	24.79	1,557	49.41	789	25.04	24	0.76
Coffee	1,239	637	51.41	212	17.11	247	19.94	143	11.54
Franklin	1,496	391	26.13	841	56.22	228	15.24	36	2.41
Grundy	1,223	228	18.64	482	39.41	473	38.68	40	3.27
Hamilton	3,871	816	21.08	1,949	40.35	1,065	27.51	41	1.06
Marion	1,473	284	19.28	609	41.35	487	33.06	93	6.31
McMinn	2,313	428	18.51	904	39.08	915	39.56	66	2.85
Meigs	664	106	15.96	248	37.35	260	39.16	50	7.53
Monroe	2,123	452	21.39	860	40.70	792	37.01	19	0.90
Moore	277	57	20.58	113	40.79	76	27.44	31	11.19
Polk	1,202	250	20.80	486	40.43	434	36.11	32	2.66
Rhea	1,345	293	21.79	658	48.92	394	29.29	0	0.00
Sequatchie	369	132	35.77	120	32.52	96	26.02	21	5.69
Van Buren	453	67	14.79	90	19.87	195	43.05	101	22.29
Warren	1,869	476	25.47	902	48.26	477	25.52	14	0.75
District III Total	23,698	5,548	23.41	10,277	43.37	7,147	30.16	726	3.06

TABLE XXXIX

ACTUAL NUMBERS AND PERCENTS OF DISTRICT IV YOUTH ENROLLED IN ORGANIZED 4-H CLUBS FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

District and County	1978 Total Enrollment	Explorer Enrollment	%	Junior Enrollment	%	Junior High Enrollment	%	Senior Enrollment	%
Cannon	865	190	21.97	275	31.79	342	39.54	58	6.70
Clay	618	55	8.90	233	37.70	285	46.12	45	7.28
Cumberland	2,285	502	21.97	970	42.45	780	34.14	33	1.44
DeKalb	1,231	195	15.84	484	39.32	511	41.51	41	3.33
Fentress	1,434	324	22.59	537	37.45	503	35.08	70	4.88
Jackson	777	126	16.22	268	34.49	319	41.05	64	8.24
Macon	1,474	252	17.10	495	33.58	570	38.67	157	10.65
Morgan	1,530	271	17.71	596	38.96	642	41.96	21	1.37
Overton	1,364	253	18.55	534	39.15	548	40.17	29	2.13
Pickett	243	36	14.81	82	33.75	105	43.21	20	8.23
Putnam	2,119	511	24.12	1,230	58.05	333	15.71	45	2.12
Scott	1,181	160	13.55	523	44.28	419	35.48	79	6.69
Smith	1,150	187	16.26	408	35.48	504	43.83	51	4.43
Trousdale	521	82	15.74	167	32.05	215	41.27	57	10.94
White	1,808	337	18.64	576	31.86	838	46.35	57	3.15
District IV Total	18,600	3,481	18.71	7,378	39.67	6,914	37.17	827	4.45

TABLE XI.

ACTUAL NUMBERS AND PERCENTS OF DISTRICT V YOUTH ENROLLED IN ORGANIZED 4-H CLUBS FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS, FY 1978

District and County	1978 Total Enrollment	Explorer Enrollment	%	Junior Enrollment	%	Junior High Enrollment	%	Senior Enrollment	%
Anderson	1,783	441	24.73	870	48.80	452	25.35	20	1.12
Blount	2,120	449	21.18	833	39.29	678	31.98	160	7.55
Campbell	2,325	269	11.57	1,090	46.88	915	39.36	51	2.19
Carter	2,610	524	20.08	921	35.29	1,046	40.07	119	4.56
Claiborne	2,049	383	18.69	759	37.04	733	35.78	174	8.49
Cocke	1,542	326	21.14	603	39.10	581	37.68	32	2.08
Grainger	1,471	212	14.41	605	41.13	610	41.47	44	2.99
Greene	1,939	479	24.70	889	45.85	523	26.97	48	2.48
Hamblen	1,029	240	23.32	434	42.18	324	31.49	31	3.01
Hancock	627	100	15.95	176	28.07	235	37.48	116	18.50
Hawkins	2,972	684	23.01	1,297	43.64	910	30.62	81	2.73
Jefferson	1,952	400	20.49	861	44.11	623	31.92	68	3.48
Johnson	1,108	178	16.07	408	36.82	468	42.24	54	4.87
Knox	3,447	244	7.08	2,293	66.52	843	24.46	67	1.94
Loudon	1,342	293	21.83	632	47.10	399	29.73	18	1.34
Roane	1,787	370	20.71	816	45.66	547	30.61	54	3.02
Sevier	1,022	124	12.13	519	50.78	311	30.43	68	6.66
Sullivan	4,189	1,314	31.37	2,111	50.39	689	16.45	75	1.79
Unicoi	1,076	189	17.56	442	41.08	433	40.24	12	1.12
Union	743	150	20.19	311	41.86	273	36.74	9	1.21
Washington	3,723	473	12.71	1,534	41.20	1,617	43.43	99	2.66
District V Total	40,856	7,842	19.19	18,404	45.05	13,210	32.33	1,400	3.43

to the suggested 20 percent rule. Other districts, in descending order of compliance with the rule, included: 1) District V, 19.19 percent Explorers; 2) District IV, 18.71 percent Explorers; 3) District III, 23.41 percent Explorers and 4) District II, 24.49 percent Explorers.

Junior Audience, 40 Percent. Further study of Table XXXV data shows that District IV 39.67 percent Juniors, came closest to the suggested 40 percent rule. Other districts, in descending order of compliance with the rule included: 1) District III, 43.37 percent Juniors; 2) District V, 45.05 percent Juniors; 3) District II, 48.13 percent Juniors and 4) District I, 48.95 percent Juniors.

Junior High Audience, 30 Percent. Further study of Table XXXV data shows that District III, 30.16 percent Junior Highs, came closest to the suggested 30 percent rule. Other districts, in descending order of compliance with the rule, included: 1) District I, 28.39 percent Junior Highs; 2) District V, 32.33 percent Junior Highs; 3) District II, 23.58 percent Junior Highs and 4) District IV, 37.17 percent Junior Highs.

Senior Audience, 10 Percent. Additional study of Table XXXV data shows that District IV, 4.45 percent Seniors, cam closest to the suggested 10 percent rule. Other districts, in descending order of compliance with the rule, included: 1) District II, 3.80 percent Seniors; 2) District V, 3.43 percent Seniors; 3) District I, 3.25 percent Seniors and 4) District III, 3.06 percent Seniors.

District I County Comparisons

Consideration of Table XXXVI information indicates considerable variation within and between counties in District I according to audiences. Lake County, of course, had no 4-H program in FY 1978.

Explorer Audience, 20 Percent. The percents of actual FY 1978 4-H enrollment in the Explorer category ranged from none in Lauderdale County to 30.75 percent in Shelby. Weakley County, 20.60 percent came closest to the rule. Other counties with Explorer percents within one percent of the Standard 20 percent included, in descending order, the following: 1) Hardeman, 19.24 percent and 2) Henderson, 19.02 percent Explorers.

Junior Audience, 40 Percent. The percents of actual FY 1978 4-H enrollment in the Junior category ranged from 29.82 percent in Decatur County to 63.06 percent in Lauderdale. Fayette County, 40.00 percent, hit the rule exactly. One other county had a Junior audience percent within one percent of the standard 40 percent, namely: Chester, 40.11 percent Juniors.

Junior High Audience, 30 Percent. The percents of actual FY 1978 4-H enrollment in the Junior High category ranged from 10.06 percent in Shelby County to 47.39 percent in Haywood. Hardeman County, 31.57 percent came closest to the rule.

Senior Audience, 10 Percent. The percents of actual FY 1978 4-H enrollment in the Senior category ranged from 0.37 percent in McNairy County to 14.38 percent in Crockett. Decatur County, 11.97 percent came closest to the rule.

District II County Comparisons

Consideration of Table XXXVII information indicates considerable variation within and between counties in District II according to audiences.

Explorer Audience, 20 Percent. The percents of actual FY 1978 4-H enrollment in the Explorer audience ranged from 13.82 percent in Humphreys County to 33.98 percent in Davidson. Wilson County, 19.99 percent, came closest to the rule. Other counties with Explorer percents within one percent of the standard 20 percent included, in descending order, the following: 1) Cheatham, 19.64 percent; 2) Lawrence, 20.41 percent; 3) Giles, 19.26 percent and 4) Hickman, 19.16 percent Explorers.

Junior Audience, 40 Percent. The percents of actual FY 1978 4-H enrollment in the Junior audience ranged from 31.17 percent in Perry County to 59.80 percent in Maury. Lawrence County, 40.03 percent came closest to the rule. Other counties with Junior percents within one percent of the standard 40 percent included, in descending order, the following: 1) Wayne, 39.76 percent; 2) Lincoln, 39.59 percent and 3) Williamson, 40.86 percent Juniors.

Junior High Audience, 30 Percent. The percents of actual FY 1978 4-H enrollment in the Junior High audience ranged from 8.29 percent in Davidson County to 45.89 percent in Perry. Lewis County, 29.96 percent came closest to the rule. Other counties with Junior High percents within 1 percent of the standard 30 percent included, in descending order, the following: 1) Williamson, 30.28 percent; 2) Marshall, 29.49 percent and 3) Rutherford, 30.70 percent Junior Highs.

Senior Audience, 10 Percent. The percents of actual FY 1978 4-H enrollment in the Senior audience ranged from 0.66 percent in Dickson County to 13.68 percent in Houston. Cheatham County, 9.33 percent came closest to the rule.

District III County Comparisons

Consideration of Table XXXVIII information indicates considerable variation within and between counties in District III according to audiences.

Explorer Audience, 20 Percent. The percents of actual FY 1978 4-H enrollment in the Explorer audience ranged from 14.79 percent in Van Buren County to 51.41 percent in Coffee. Moore County, 20.58 percent came closest to the rule. Other counties with Explorer percents within 1 percent of the standard 20 percent included, in descending order, the following two: 1) Marion, 19.28 percent and 2) Polk, 20.80 percent Explorers.

Junior Audience, 40 Percent. The percents of actual FY 1978 4-H enrollment in the Junior audience ranged from 17.11 percent in Coffee County to 56.22 percent in Franklin. Polk County, 40.43 percent came closest to the rule. Other counties with Junior percents within one percent of the standard 40 percent included, in descending order, the following: 1) Grundy, 39.41 percent; 2) Monroe, 40.70 percent; 3) Moore, 40.79 percent; 4) McMinn, 39.08 percent and 5) Bledsoe, 39.05 percent Juniors.

Junior High Audience, 30 Percent. The percents of actual FY 1978 4-H enrollment in the Junior High audience ranged from 15.24 percent in Franklin County to 43.05 percent in Van Buren. Rhea County, 29.29 percent came closest to the rule.

Senior Audience, 10 Percent. The percents of actual FY 1978 4-H enrollment in the Senior audience ranged from none in Rhea County to 22.29 percent in Van Buren. Moore County, 11.19 percent came closest to the rule.

District IV County Comparisons

Consideration of Table XXXIX information indicates considerable variation within and between counties in District IV according to audiences.

Explorer Audience, 20 Percent. The percents of actual FY 1978 4-H enrollment in the Explorer audience ranged from 8.90 percent in Clay County to 24.12 percent in Putnam. White County 18.64 percent came closest to the rule.

Junior Audience, 40 Percent. The percents of actual FY 1978 4-H enrollment in the Junior audience ranged from 31.79 percent in Cannon County to 58.05 percent in Putnam. DeKalb County, 39.32 percent came closest to the rule. Only one other county had a Junior percent within 1 percent of the standard 40 percent, namely: Overton, 39.15 percent Juniors.

Junior High Audience, 30 Percent. The percents of actual FY 1978 4-H enrollment in the Junior High Audience ranged from 15.71 percent in Putnam County to 46.35 percent in White. Cumberland County, 34.14 percent came closest to the rule.

Senior Audience, 10 Percent. The percents of actual FY 1978 4-H enrollment in the Senior audience ranged from 1.37 percent in Morgan County to 10.94 percent in Trousdale. Macon County, 10.65 percent came closest to the rule.

District V County Comparisons

Consideration of Table XL information indicates considerable variation within and between counties in District V according to audiences.

Explorer Audience, 20 Percent. The percents of actual FY 1978 4-H enrollment in the Explorer audience ranged from 7.08 percent in Knox County to 31.37 percent in Sullivan. Carter County, 20.08 percent came closest to the rule. Other counties with Explorer percents within 1 percent of the standard 20 percent included, in descending order, the following: 1) Union, 20.19 percent; 2) Jefferson, 20.49 percent and 3) Roane, 20.71 percent Explorers.

Junior Audience, 40 Percent. The percents of actual FY 1978 4-H enrollment in the Junior audience ranged from 28.07 percent in Hancock County to 66.52 percent in Knox. Cocke County 39.10 percent came closest to the rule. Only one other county had a Junior percent within 1 percent of the standard 40 percent, namely: Blount, 39.29 percent Juniors.

Junior High Audience, 30 Percent. The percents of actual FY 1978 4-H enrollment in the Junior High audience ranged from 16.45 percent in Sullivan County to 43.43 percent in Washington. Loudon County 29.73 percent came closest to the rule. Other counties with Junior High percents within 1 percent of the standard 30 percent included, in descending order, the following: 1) Sevier, 30.43 percent; 2) Roane, 30.61 percent and 3) Hawkins, 30.62 percent Junior Highs.

Senior Audience, 10 Percent. The percents of actual FY 1978 4-H enrollment in the Senior audience ranged from 1.12 percent in both Anderson and Unicoi County to 18.50 percent in Hancock. Claiborne County, 8.49 percent came closest to the rule.

F. SUGGESTED ENROLLMENT GOALS FOR 1983

Based on an updating and recomputation of data done by Batsford (1:88-93), Table XLI was developed to summarize suggested enrollment goals for 1983 by state, districts and counties.

TABLE XLI .

PROPOSED 1983 ENROLLMENT BY 4-H AUDIENCE (TOTAL, EXPLORERS, JUNIORS, JUNIOR HIGHS, AND SENIORS) WITH INDICATION OF DIRECTION OF CHANGE NEEDED FROM 1978 FIGURES (TABLES XXXV - XL) COUNTY WITH DISTRICT AND STATE TOTALS*

District and County	Suggested 1983 Enroll.**	*** Dir.& Amt. of Change Needed	Proposed Explorer Enroll.**	*** Dir.& Amt of Change Needed	Proposed Junior Enroll.**	*** Dir.& Amt. of Change Needed	Proposed Junior High Enroll.**	*** Dir.& Amt. Of Change Needed	Proposed Senior Enroll.**	*** Dir.&Amt. of Change Needed
District I										
Benton	1,575	+ 318	315	+ 94	630	+ 219	472	- 64	158	+ 69
Carroll	2,000	+ 33	400	+ 34	800	- 74	600	- 51	200	+ 124
Chester	1,125	+ 235	225	+ 75	450	+ 93	338	- 36	112	+ 103
Crockett	1,275	- 123	255	+ 147	510	+ 14	382	- 211	128	- 73
Decatur	1,300	+ 314	260	+ 75	520	+ 226	390	+ 1	130	+ 12
Dyer	2,100	+ 508	420	+ 171	840	+ 122	630	+ 44	210	+ 171
Fayette	1,900	- 165	380	- 5	760	- 66	570	- 207	190	+ 113
Gibson	2,100	- 151	420	+ 417	840	- 471	630	- 198	210	+ 101
Hardeman	1,500	- 407	300	- 67	600	- 323	450	- 152	150	+ 135
Hardin	1,275	- 43	255	+ 223	510	- 96	383	- 180	127	+ 10
Haywood	1,600	+ 585	320	+ 302	640	+ 163	480	- 1	160	+ 121
Henderson	1,400	- 225	280	- 29	560	- 60	420	- 233	140	+ 97
Henry	1,700	+ 181	340	- 34	680	- 57	510	+ 145	170	+ 127
Lake	0		0		0		0		0	
Lauderdale	1,700	+ 471	340	+ 340	680	- 95	510	+ 66	170	+ 160
Madison	2,500	+ 538	500	- 54	1,000	- 17	750	+ 492	250	+ 117
McNairy	1,275	- 332	255	- 32	510	- 151	382	- 271	128	+ 122
Obion	1,800	+ 222	360	- 94	720	+ 144	540	+ 18	180	+ 154
Shelby	7,150	-2,691	1,430	-1,596	2,860	-2,900	2,145	+1,155	715	+ 650
Tipton	1,200	+ 596	240	+ 240	480	+ 104	360	+ 141	120	+ 111
Weakley	1,800	+ 300	360	+ 51	720	- 118	540	+ 203	180	+ 164

TABLE XLI (Continued)

District and County	Suggested 1983 Enroll.**	*** Dir.& Amt. of Change Needed	Proposed Explorer Enroll.**	*** Dir.& Amt of Change Needed	Proposed Junior Enroll.**	*** Dir.& Amt. of Change Needed	Proposed Junior High Enroll.**	*** Dir.& Amt. of Change Needed	Proposed Senior Enroll.**	*** Dir.& Amt. of Change Needed
District Total	38,275	+ 164	7,655	+ 258	15,310	-3,343	11,482	+ 661	3,828	+2,588
District II										
Bedford	2,100	+ 731	420	+ 98	840	+ 176	630	+ 301	210	+ 156
Cheatham	2,033	+ 17	407	+ 11	813	+ 52	610	- 61	203	+ 15
Davidson	5,625	-4,424	1,125	-2,290	2,250	-3,388	1,687	+ 854	563	+ 400
Dickson	1,500	- 172	300	+ 2	600	- 298	450	- 15	150	+ 139
Giles	2,100	+ 496	420	+ 111	840	+ 145	630	+ 169	210	+ 71
Hickman	1,800	+1,038	360	+ 214	720	+ 405	540	+ 293	180	+ 126
Houston	743	+ 78	148	+ 45	297	+ 81	223	- 32	74	- 17
Humphreys	1,700	+ 151	340	+ 126	680	+ 111	510	- 151	170	+ 65
Lawrence	2,100	+ 209	420	+ 34	840	+ 83	630	+ 5	210	+ 87
Lewis	750	+ 296	150	+ 69	300	+ 81	225	+ 89	75	+ 57
Lincoln	1,800	+ 537	360	+ 48	720	+ 220	540	+ 135	180	+ 134
Marshall	1,575	+ 388	315	+ 55	630	+ 138	472	+ 122	158	+ 73
Maury	2,750	+1,526	550	+ 203	1,100	+ 368	825	+ 689	275	+ 266
Montgomery	3,750	+ 346	750	- 108	1,500	- 296	1,125	+ 407	375	+ 343
Perry	900	+ 377	180	+ 106	360	+ 197	270	+ 30	90	+ 44
Robertson	2,750	+ 561	550	- 29	1,100	+ 82	825	+ 299	275	+ 209
Rutherford	2,750	-1,286	550	- 447	1,100	- 566	825	- 414	275	+ 141
Stewart	750	+ 63	150	+ 36	300	+ 36	225	- 52	75	+ 43
Sumner	2,300	-2,419	460	- 703	920	-1,838	690	- 37	230	+ 159
Wayne	1,125	- 27	225	- 17	450	- 8	338	- 62	113	+ 61
Williamson	2,875	- 811	575	- 226	1,150	- 356	863	- 253	287	+ 24
Wilson	3,450	+ 594	690	+ 119	1,380	- 100	1,035	+ 309	345	+ 266

TABLE XLI (Continued)

District and County	Suggested 1983 Enroll.**	Dir.& Amt. Of Change Needed ***	Proposed Explorer Enroll.**	Dir.& Amt. of Change Needed ***	Proposed Junior Enroll.**	Dir.& Amt. of Change Needed ***	Proposed Junior High Enroll.**	Dir.& Amt. of Change Needed ***	Proposed Senior Enroll.**	Dir.& Amt. of Change Needed ***
District Total	47,226	-1,731	9,445	-2,543	18,890	-4,675	14,168	+2,625	4,723	+2,862
District III										
Bledsoe	1,200	+ 570	240	+ 90	480	+ 234	360	+ 141	120	+ 105
Bradley	2,000	-1,151	400	- 381	800	- 757	600	- 189	200	+ 176
Coffee	2,100	+ 861	420	- 217	840	+ 628	630	+ 383	210	+ 67
Franklin	1,700	+ 204	340	- 51	680	- 161	510	+ 282	170	+ 134
Grundy	1,125	- 98	225	- 3	450	- 32	338	- 135	112	+ 72
Hamilton	3,600	- 271	720	- 96	1,440	- 509	1,080	+ 15	360	+ 319
Marion	1,050	- 423	210	- 74	420	- 189	315	- 172	105	+ 120
McMinn	1,900	- 413	380	- 48	760	- 144	570	- 345	190	+ 124
Meigs	750	+ 86	150	+ 44	300	+ 52	225	- 35	75	+ 25
Monroe	1,900	- 223	380	- 72	760	- 100	570	- 222	190	+ 171
Moore	700	+ 423	140	+ 83	280	+ 167	210	+ 134	70	+ 39
Polk	1,125	- 77	225	- 25	450	- 36	337	- 97	113	+ 81
Rhea	1,600	+ 255	320	+ 27	640	- 18	480	+ 86	160	+ 160
Dequatchie	700	+ 331	140	+ 8	280	+ 160	210	+ 114	70	+ 49
Van Buren	700	+ 247	140	+ 73	280	+ 190	210	+ 15	70	- 31
Warren	2,100	+ 231	420	- 56	840	- 62	630	+ 153	210	+ 196

TABLE XLI (Continued)

District and County	Suggested 1983 Enroll.**	Dir.& Amt. of Change Needed ***	Proposed Explorer Enroll.**	Dir.& Amt. of Change Needed ***	Proposed Junior Enroll.**	Dir.& Amt. of Change Needed ***	Proposed Junior High Enroll.**	Dir.& Amt. of Change Needed ***	Proposed Senior Enroll.**	Dir.& Amt. of Change Needed ***
District Total	24,250	+ 552	4,850	- 698	9,700	- 577	7,275	+ 128	2,425	+1,699
District IV										
Cannon	1,200	+ 335	240	+ 50	480	+ 205	360	+ 18	120	+ 62
Clay	1,125	+ 507	225	+ 170	450	+ 217	337	+ 52	113	+ 68
Cumberland	1,800	- 485	360	- 142	720	- 250	540	- 240	180	+ 147
DeKalb	1,700	+ 469	340	+ 145	680	+ 196	510	- 1	170	+ 129
Fentress	1,125	- 309	225	- 99	450	- 87	337	- 166	113	+ 43
Jackson	700	- 77	140	+ 14	280	+ 12	210	- 109	70	+ 6
Macon	1,350	- 124	270	+ 18	540	+ 45	405	- 165	135	- 22
Morgan	1,125	- 405	225	- 46	450	- 146	338	- 304	112	+ 91
Overton	1,200	- 164	240	- 13	480	- 54	360	- 188	120	+ 91
Pickett	600	+ 357	120	+ 84	240	+ 158	180	+ 75	60	+ 40
Putnam	2,000	- 119	400	- 111	800	- 430	600	+ 267	200	+ 155
Scott	750	- 431	150	- 10	300	- 223	225	- 194	75	- 4
Smith	1,875	+ 725	375	+ 188	750	+ 342	563	+ 59	187	+ 136
Trousdale	850	+ 329	170	+ 88	340	+ 173	255	+ 40	85	+ 28
White	1,700	- 108	340	+ 3	680	+ 104	510	- 328	170	+ 113
District Total	19,100	+ 500	3,820	+ 339	7,640	+ 262	5,730	-1,184	1,910	+1,083

TABLE XLI (Continued)

District and County	Suggested 1983 Enroll.**	Dir.& Amt. of Change Needed ***	Proposed Explorer Enroll.**	Dir.& Amt. of Change Needed ***	Proposed Junior Enroll.**	Dir.& Amt. of Change Needed ***	Proposed Junior High Enroll.**	Dir.& Amt. of Change Needed ***	Proposed Senior Enroll.**	Dir.& Amt. of Change Needed ***
District V										
Anderson	2,300	+ 517	460	+ 19	920	+ 50	690	+ 238	230	+ 210
Blount	1,800	- 320	360	- 89	720	- 113	540	- 138	180	+ 20
Campbell	1,700	- 625	340	+ 71	680	- 410	510	- 405	170	+ 119
Carter	2,000	- 610	400	- 124	800	- 121	600	- 446	200	+ 81
Claiborne	1,500	- 549	300	- 83	600	- 159	450	- 283	150	- 24
Cocke	1,575	+ 33	315	- 11	630	+ 27	472	- 109	158	+ 126
Grainger	1,275	- 196	255	+ 43	510	- 95	382	- 228	128	+ 84
Greene	2,200	+ 261	440	- 39	880	- 9	660	+ 137	220	+ 172
Hamblen	2,250	+1,221	450	+ 210	900	+ 466	675	+ 351	225	+ 194
Hancock	900	+ 273	180	+ 80	360	+ 184	270	+ 35	90	- 26
Hawkins	2,200	- 772	440	- 244	880	- 417	660	- 250	220	+ 139
Jefferson	1,500	- 452	300	- 100	600	- 261	450	- 173	150	+ 82
Johnson	1,200	+ 92	240	+ 62	480	+ 72	360	- 108	120	+ 66
Knox	3,300	- 147	660	+ 416	1,320	- 973	990	+ 147	330	+ 263
Loudon	1,275	- 67	255	- 38	510	- 122	383	- 16	127	+ 109
Roane	2,100	+ 313	420	+ 50	840	+ 24	630	+ 83	210	+ 156
Sevier	1,350	+ 328	270	+ 146	540	+ 21	405	+ 94	135	+ 67
Sullivan	3,600	- 589	720	- 594	1,440	- 671	1,080	+ 391	360	+ 285
Unicoi	1,000	- 76	200	+ 11	400	- 42	300	- 133	100	+ 88
Union	800	+ 57	160	+ 10	320	+ 9	240	- 33	80	+ 71
Washington	2,500	-1,223	500	+ 27	1,000	- 534	750	- 867	250	+ 151
District Total	38,325	-2,531	7,665	- 177	15,330	-3,074	11,497	-1,713	3,833	+2,433
State Total	167,176	-3,046	33,435	-2,821	66,870	-11,407	50,153	+ 519	16,718	+10,664

*Source - James Batsford, "A Comparative Analysis of Selected Tennessee 4-H Standards for the Years 1965 and 1975 with Projections to 1981." Dept. of Ag. Ext. Educ. University of Tennessee, Knoxville, Dec. 1976, pp. 88-93 updated.

**Proposed audience enrollments computed using the 4-H Standard: 20 percent Explorers, 40 percent Juniors, 30 percent Junior Highs, and 10 percent Seniors

***Direction of change needed indicates the plus or minus change needed to meet 1983 suggested enrollments as compared to 1978 figures.

Discussion of State Totals

The total state suggested enrollment for 1983 was 167,176 youth, a total of 3,046 fewer youth needed than the 170,222 actually recorded for FY 1978 (see Table XXXV, page 123). Using the 20, 40, 30, 10 Standard, Explorers would total 33,435; Juniors, 66,870; Junior Highs, 50,153 and Seniors, 16,718 youth by 1981.

Comparisons of District Data

When districts are compared, it is seen that totals would be as follows, in descending order of suggested enrollment numbers: District II, 47,226 youth; District V, 38,325 youth; District I, 38,275 youth; District III, 24,250 youth and District IV, 19,100 youth.

Increases demanded to obtain the above suggested enrollments by district, again in descending order, would be: District III, needing 552 more youth; District IV, needing 500 more and District I, needing 164 more. District V already exceeded the goal by 2,531 and District II already exceeded it by 1,731 in FY 1978. Thus, three districts will need increased enrollments by 1983 if they are to attain suggested goals, while two will not.

Suggested Explorer Enrollments. While District II (2,543), III (698), and V (177) had already surpassed the 1983 suggested Explorer enrollment in FY 1978, other districts showed deficits: District IV, 339, and District I, 258 of Explorers.

Suggested Junior Enrollments. While Districts II (4,675), I (3,343), V (3,074), and III (577) had already surpassed 1983 goals in FY 1978, District IV had a deficit of 262 Juniors.

Suggested Junior High Enrollments. While Districts V (1,713) and IV (1,184) had more than enough Junior High members in FY 1978 to satisfy 1983 suggested enrollments, other districts showed deficits, as follows: District II, 2,625 Junior High short; District I, 661 short and District III, 128 short.

Suggested Senior Enrollments. All districts showed deficits as follows: District II, with 2,862 too few; District I, with 2,588 too few; District V, with 2,433 too few; District III, with 1,699 too few and District IV with 1,083 too few Senior 4-H members compared with the suggested numbers.

District I County Comparisons

Table XVI also contains information regarding District I counties and shows how well or how poorly their FY 1978 enrollments met suggested 1983 goals. Eight counties, Shelby, surplus of 2,691; Hardeman, surplus of 407; McNairy, surplus of 332; Henderson, surplus of 225; Fayette, surplus of 165; Gibson surplus of 151; Crockett, surplus of 123 and Hardin, surplus of 43 had already attained or exceeded 1983 goals by FY 1978. Deficits per county ranged from Carroll County, 33 needed, to Tipton, 596 needed.

Explorer Audience. Eight counties in District I had met 1983 suggested Explorer enrollment goals by FY 1978, including: Shelby, surplus of 1,596; Obion, surplus of 94; Hardeman, surplus of 67; Madison, surplus of 54; Henry, surplus of 34; McNairy, surplus of 32; Henderson, surplus of 29 and Fayette, surplus of five. Other counties ranged from a deficit of 34 in Carroll County to a deficit of 417 in Gibson County.

Junior Audience. Twelve counties in District I had met 1983 suggested Junior enrollment goals by FY 1978, including: Shelby, surplus of 2,900; Gibson, surplus of 471; Hardeman, surplus of 323; McNairy, surplus of 151; Weakley, surplus of 118; Hardin, surplus of 96; Lauderdale, surplus of 95; Carroll, surplus of 74; Fayette surplus of 66; Henderson, surplus of 60; Henry, surplus of 57 and Madison, surplus of 17. Other counties ranged from a deficit of 14 in Crockett County to a deficit of 226 in Decatur County.

Junior High Audience. Eleven counties in District I had met 1983 suggested Junior High enrollment goals by FY 1978, including: McNairy, surplus of 271; Henderson, surplus of 233; Crockett, surplus of 211; Fayette, surplus of 207; Gibson, surplus of 198; Hardin, surplus of 180; Hardeman, surplus of 152; Benton, surplus of 64; Carroll, surplus of 51; Chester, surplus of 36 and Haywood, surplus of one. Other counties ranged from a deficit of one in Decatur County to a deficit of 1,155 in Shelby County.

Senior Audience. Only one county in District I had met 1983 suggested Senior enrollment goals by FY 1978, Crockett, surplus of 73. Other counties ranged from a deficit of 10 in Hardin County to a deficit of 650 in Shelby County.

District II County Comparisons

Table XLI also contains information regarding District II counties and how well or poorly their FY 1978 enrollments met suggested 1983 enrollments. Six counties, Davidson, surplus of 4,424; Sumner,

surplus of 2,419; Rutherford, surplus of 1,286; Williamson, surplus of 811; Dickson, surplus of 172 and Wayne, surplus of 27 had already attained or exceeded 1983 goals by FY 1978. Deficits per county ranged from Cheatham County, 17 needed, to Maury, 1,526 needed.

Explorer Audience. Seven counties in District II had met 1983 suggested Explorer enrollment goals by FY 1978, including: Davidson, surplus of 2,290; Sumner, surplus of 703; Rutherford, surplus of 447; Williamson, surplus of 226; Montgomery, surplus of 108; Robertson, surplus of 29 and Wayne, surplus of 17. Other counties ranged from a deficit of two in Dickson County to a deficit of 214 in Hickman County.

Junior Audience. Eight counties in District II had met 1983 suggested Junior enrollment goals by FY 1978, including: Davidson, surplus of 3,388; Sumner, surplus of 1,838; Rutherford, surplus of 566; Williamson, surplus of 356; Dickson, surplus of 298; Montgomery, surplus of 296; Wilson, surplus of 100 and Wayne, surplus of eight. Other counties ranged from a deficit of 36 in Stewart County to a deficit of 405 in Hickman County.

Junior High Audience. Nine counties in District II had met 1983 suggested Junior High enrollment goals by FY 1978, including: Rutherford, surplus of 414; Williamson, surplus of 253; Humphreys, surplus of 151; Wayne, surplus of 62; Cheatham; surplus of 61; Stewart, surplus of 52; Sumner, surplus of 37; Houston, surplus of 32 and Dickson, surplus of 15. Other counties ranged from a deficit of five in Lawrence County to a deficit of 854 in Davidson County.

Senior Audience. Just one county in District II had met 1983 suggested Senior enrollment goals by FY 1978, that county being Houston, surplus of 17. Other counties ranged from a deficit of 15 in Cheatham County to a deficit of 400 in Davidson County.

District III County Comparisons

Table XLI also contains information regarding District III counties and how well or poorly their FY 1978 enrollments met suggested 1983 enrollments. Seven counties, Bradley, surplus of 1,151; Marion, surplus of 423; McMinn, surplus of 413; Hamilton, surplus of 271; Monroe, surplus of 223; Grundy, surplus of 98 and Polk, surplus of 77 had already attained or exceeded 1983 goals by FY 1978. Deficits per county in other counties ranged from Meigs County, 86 needed, to Coffee, 861 needed.

Explorer Audience. Ten counties in District III had met 1983 suggested Explorer enrollment goals by FY 1978, including: Bradley, surplus of 381; Coffee, surplus of 217; Hamilton, surplus of 96; Marion, surplus of 74; Monroe, surplus of 72; Warren, surplus of 56; Franklin, surplus of 51; McMinn, surplus of 48; Polk, surplus of 25 and Grundy, surplus of three. Other counties ranged from a deficit of eight in Sequatchie County to a deficit of 90 in Bledsoe County.

Junior Audience. Ten counties in District III had met 1983 suggested Junior enrollment goals by FY 1978, including: Bradley, surplus of 757; Hamilton, surplus of 509; Marion, surplus of 189; Franklin, surplus of 161; McMinn, surplus of 144; Monroe, surplus of 100; Warren,

surplus of 62; Polk, surplus of 36; Grundy, surplus of 32 and Rhea, surplus of 18. Other counties ranged from a deficit of 52 in Meigs County to a deficit of 628 in Coffee County.

Junior High Audience. Seven counties in District III had met 1983 suggested Junior High enrollment goals by FY 1978, including: McMinn, surplus of 345; Monroe, surplus of 222; Bradley, surplus of 189; Marion, surplus of 172; Grundy, surplus of 135; Polk, surplus of 97 and Meigs, surplus of 35. Other counties ranged from a deficit of 15 in both Hamilton County and Van Buren County to a deficit of 383 in Coffee County.

Senior Audience. One county in District III had met 1983 suggested Senior enrollment goals by FY 1978, Van Buren County, surplus of 31. Other counties ranged from a deficit of 12 in Marion County to a deficit of 319 in Hamilton County.

District IV County Comparisons

Table XLI also contains information regarding District IV counties and how well or poorly their FY 1978 enrollments met suggested 1983 enrollments. Nine counties, Cumberland, surplus of 485; Scott, surplus of 431; Morgan, surplus of 405; Fentress, surplus of 309; Overton, surplus of 164; Macon, surplus of 124; Putnam, surplus of 119; White surplus of 108 and Jackson, surplus of 77 had already attained or exceeded 1983 goals by FY 1978. Deficits per county ranged from Trousdale County, 329 needed, to Smith, 725 needed.

Explorer Audience. Six counties in District IV had met 1983 suggested Explorer enrollment goals by FY 1978, including: Cumberland, surplus of 142; Putnam, surplus of 111; Fentress, surplus of 99; Morgan, surplus of 46; Overton, surplus of 13 and Scott, surplus of 10. Other counties ranged from a deficit of three in White County to a deficit of 188 in Smith County.

Junior Audience. Six counties in District IV had met 1983 suggested Junior enrollment goals by FY 1978, including: Putnam, surplus of 430; Cumberland, surplus of 250; Scott, surplus of 223; Morgan, surplus of 146; Fentress, surplus of 87 and Overton, surplus of 54. Other counties ranged from a deficit of 12 in Jackson County to a deficit of 342 in Smith County.

Junior High Audience. Nine counties in District IV had met 1983 suggested Junior High enrollment goals by FY 1978 including: White, surplus of 328; Morgan, surplus of 304; Cumberland, surplus of 240; Scott, surplus of 194; Overton, surplus of 188; Fentress, surplus of 166; Macon, surplus of 165; Jackson, surplus of 109 and DeKalb, surplus of one. Other counties ranged from a deficit of 18 in Cannon County to a deficit of 267 in Putnam County.

Senior Audience. Two counties in District IV had met 1983 suggested Senior enrollment goals by FY 1978 including: Macon, surplus of 22 and Scott, surplus of four. Other counties ranged from a deficit of six in Jackson County to a deficit of 155 in Putnam County.

District V County Comparisons

Table XLI also contains information regarding District V counties and how well or poorly their FY 1978 enrollments met suggested 1983 enrollment. Twelve counties, Washington, surplus of 1,223; Hawkins, surplus of 772; Campbell, surplus of 625; Carter, surplus of 610; Sullivan, surplus of 589; Claiborne, surplus of 549; Jefferson, surplus of 452; Blount, surplus of 320; Grainger, surplus of 196; Knox, surplus of 147; Unicoi, surplus of 76 and Loudon, surplus of 67 had already attained or exceeded 1983 goals by FY 1978. Deficits per county ranged from Cocke County, 33 needed, to Hamblen, 1,221 needed.

Explorer Audience. Nine counties in District V had met 1983 suggested Explorer enrollment goals by FY 1978, including: Sullivan, surplus of 594; Hawkins, surplus of 244; Carter, surplus of 124; Jefferson, surplus of 100; Blount, surplus of 89; Claiborne, surplus of 83; Greene, surplus of 39; Loudon, surplus of 38 and Cocke, surplus of 11. Other counties ranged from a deficit of 10 in Union County to a deficit of 416 in Knox County.

Junior Audience. Thirteen counties in District V had met 1983 suggested Junior enrollment goals by FY 1978, including: Knox, surplus of 973; Sullivan, surplus of 671; Washington, surplus of 534; Hawkins, surplus of 417; Campbell, surplus of 410; Jefferson, surplus of 261; Claiborne, surplus of 159; Loudon, surplus of 122; Carter, surplus of 121; Blount, surplus of 113; Grainger, surplus of 95; Unicoi, surplus of 42 and Greene, surplus of nine. Other counties ranged from a deficit of nine in Union County to a deficit of 466 in Hamblen County.

Junior High Audience. Thirteen counties in District V had met 1983 suggested Junior High enrollment goals by FY 1978, including: Washington surplus of 867; Carter, surplus of 446; Campbell, surplus of 405; Claiborne, surplus of 283; Hawkins, surplus of 250; Grainger, surplus of 228; Jefferson, surplus of 173; Blount, surplus of 138; Unicoi, surplus of 133; Cocke, surplus of 109; Johnson, surplus of 108; Union, surplus of 33 and Loudon, surplus of 16. Other counties ranged from a deficit of 35 in Hancock County to a deficit of 391 in Sullivan County.

Senior Audience. Two counties in District V had met 1983 suggested Senior enrollment goals by FY 1978, including: Hancock, surplus of 26 and Claiborne, surplus of 24. Other counties ranged from a deficit of 20 in Blount County to a deficit of 285 in Sullivan County.

Regarding Surplus Enrollments

Thus, a number of units (i.e. districts and counties) exceeded the suggested 1983 enrollment goals by FY 1978. The State 4-H Office position on this matter had traditionally been to recommend that county 4-H staffs seek to maintain present numbers where they exceeded the proposed figures. Of course, the county 4-H staff, in consultation with the district supervisory team ultimately must make the decision as to what the actual county goal should be for 1983.

G. PROJECTED SCHOOL ENROLLMENTS, 1983

Potential 4-H enrollments were estimated for the State, districts and counties according to audience, as seen in Tables XLII through XLVII. Projections were based on 1978 school enrollment data in the Annual Statistical Report of the Tennessee Department of Education (4:84-91).

Discussion of State Totals

As seen in Table XLII, 1983 State total 4-H age populations, or potential enrollments by audience were as follows: Explorers, 59,511 youth, 9.61 percent of the total; Juniors, 138,795 youth, 22.41 percent of the total; Junior Highs, 208.177 youth, 33.61 percent of the total and Seniors, 212,859 youth, 34.37 percent of the total. A grand total of 619,342 youth was projected for the state in 1983. This includes both urban and rural boys and girls in Tennessee, many of whom may not have access to 4-H because of lack of county 4-H staff and, hence, the 4-H program. Urban programs existed in seven counties: Davidson, Hamilton, Knox, Montgomery, Shelby, Sullivan and Sumner in FY 1978.

Comparisons of District Data

When districts are compared, relatively little difference is noted in percents of youth in any of the four primary 4-H age audiences (see Table XLII).

TABLE XLII

NUMBERS AND PERCENTS OF 4-H AGE TENNESSEE SCHOOL ENROLLMENT PROJECTIONS
FOR 1983 BASED ON 1978 DATA* FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO DISTRICT AND STATE TOTALS

District	1983 Total Projected 4-H Age Enrollment	%**	Explorer Projected Age(4th Gr.) Enrollment	%	Junior Projected Age (Gr. 5 & 6) Enrollment	%	Junior High Projected Age(Gr. 7,8 9) Enrollment	%	Senior Projected Age(Gr.10,11,12) Enrollment	%
I	175,739	28.36	17,306	9.85	39,994	22.76	58,609	33.35	59,830	34.04
II	152,060	24.54	14,561	9.58	34,003	22.36	50,804	33.41	52,692	34.65
III	89,063	14.37	8,354	9.58	19,952	22.40	30,457	34.20	30,300	34.02
IV	35,445	5.72	3,318***	9.36	7,680	21.67	11,918	33.62	12,529	35.35
V	167,035	27.01	15,972	9.56	37,166	22.25	56,389	33.76	57,508	34.43
State Total	619,342	100.00	59,511	9.61	138,795	22.41	208,177	33.61	212,859	34.37

* Source: Annual Statistical Report of Department of Education for Scholastic year ending June 30, 1978, projected to 1983.
** Percents here shown are percents of enrollment accounted for in each district. Five district totals add to 100 percent.
*** Number is less than suggested enrollment goal for 1983.

TABLE XLIII

NUMBERS AND PERCENTS OF 4-H AGE DISTRICT I SCHOOL ENROLLMENT PROJECTIONS
FOR 1983 BASED ON 1978 DATA* FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS 1978

District and *** County	1983 Total Enrollment	Explorer Enrollment	%	Junior Enrollment	%	Junior High Enrollment	%	Senior Enrollment	%
Benton	2,115	204**	9.65	449**	21.23	727	34.37	735	34.75
Carroll	4,264	415	9.73	897	21.04	1,431	33.56	1,521	35.67
Chester	1,733	162**	9.35	367**	21.18	577	33.29	627	36.18
Crockett	2,385	230**	9.64	506**	21.22	728	30.52	921	38.62
Decatur	1,495	174**	11.64	341**	22.81	483	32.31	497	33.24
Dyer	5,443	523	9.61	1,247	22.91	1,818	33.40	1,855	34.08
Fayette	3,837	316**	8.23	800	20.85	1,260	32.84	1,461	38.08
Gibson	7,167	708	9.88	1,646	22.97	2,254	31.45	2,559	35.70
Hardeman	3,813	343	9.00	790	20.72	1,284	33.67	1,396	36.61
Hardin	3,274	316	9.65	715	21.84	1,117	34.12	1,126	34.39
Haywood	3,234	289**	8.93	658	20.35	1,063	32.87	1,224	37.85
Henderson	3,122	301	9.64	724	23.19	994	31.84	1,103	35.33
Henry	3,694	393	10.64	848	22.96	1,177	31.86	1,276	34.54
Lauderdale	3,637	289**	7.94	776	21.34	1,250	34.37	1,322	36.35
Madison	9,724	1,015	10.44	2,296	23.61	3,224	33.15	3,189	32.80
McNairy	3,096	286	9.24	692	22.35	1,022	33.01	1,096	35.40
Obion	5,451	579	10.62	1,254	23.01	1,825	33.48	1,793	32.89
Shelby	99,223	9,939	10.02	23,072	23.25	33,302	33.56	32,910	33.17
Tipton	5,120	436	8.52	1,056	20.62	1,735	33.89	1,893	36.97
Weakley	3,912	388	9.92	860	21.98	1,338	34.20	1,326	33.90
District I Total	175,739	17,306	9.85	39,994	22.76	58,609	33.35	59,830	34.04

* Source:Annual Statistical Report, Dept. of Educ., Nashville, Tennessee, June 30, 1978, projected to 1983
** Number is less than suggested enrollment goal for 1983.
*** Lake County does not have 4-H program.

TABLE XLIV

NUMBERS AND PERCENTS OF 4-H AGE DISTRICT II SCHOOL ENROLLMENT PROJECTIONS
FOR 1983 BASED ON 1978 DATA* FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS 1978

District and County	1983 Total Enrollment	Explorer Enrollment	%	Junior Enrollment	%	Junior High Enrollment	%	Senior Enrollment	%
Bedford	4,072	407**	10.00	948	23.28	1,352	33.20	1,365	33.52
Cheatham	3,365	319**	9.48	751**	22.32	1,101	32.72	1,194	35.48
Davidson	51,418	5,173	10.06	12,062	23.46	17,067	33.19	17,116	33.29
Dickson	4,371	333	7.62	878	20.09	1,497	34.25	1,663	38.04
Giles	3,382	339**	10.02	751**	22.21	1,104	32.64	1,188	35.13
Hickman	2,165	181**	8.36	456**	21.06	712	32.89	816	37.69
Huston	1,111	122**	10.98	263**	23.67	367	33.04	359	32.31
Humphreys	2,475	266**	10.75	539**	21.78	803	32.44	867	35.03
Lawrence	4,883	409**	8.38	1,035	21.19	1,673	34.26	1,766	36.17
Lewis	1,251	149**	11.91	279**	22.30	415	33.17	408	32.62
Lincoln	3,932	392	9.97	893	22.71	1,272	32.35	1,375	34.97
Marshall	2,650	254**	9.59	588**	22.19	877	33.09	931	35.13
Maury	7,205	628	8.72	1,488	20.65	2,340	32.48	2,749	38.15
Montgomery	10,568	1,150	10.88	2,479	23.46	3,364	31.83	3,575	33.83
Perry	767**	73**	9.52	178**	23.21	248**	32.33	268	34.94
Robertson	5,419	525**	9.69	1,213	22.38	1,938	35.76	1,743	32.17
Rutherford	11,239	1,060	9.43	2,451	21.81	3,897	34.67	3,831	34.09
Stewart	1,250	114**	9.12	268**	21.44	410	32.80	458	36.64
Sumner	12,550	1,081	8.61	2,627	20.93	4,147	33.05	4,695	37.41
Wayne	2,269	237	10.44	498	21.95	756	33.32	778	34.29
Williamson	7,983	756	9.47	1,746	21.87	2,724	34.12	2,757	34.54
Wilson	7,735	593**	7.67	1,612	20.84	2,740	35.42	2,790	36.07
District II Total	152,060	14,561	9.58	34,003	22.36	50,804	33.41	52,692	34.65

*Source: Annual Statistical Report, Dept. of Educ., Nashville, Tennessee, June 30, 1978, projected to 1983.
**Number is less than suggested enrollment goal for 1983

TABLE XLV

NUMBERS AND PERCENTS OF 4-H AGE DISTRICT III SCHOOL ENROLLMENT PROJECTIONS
FOR 1983 BASED ON 1978 DATA* FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS 1978

District and County	1983 Total Enrollment	Explorer Enrollment	%	Junior Enrollment	%	Junior High Enrollment	%	Senior Enrollment	%
Bledsoe	1,327	115**	8.67	299**	22.53	459	34.59	454	34.21
Bradley	9,992	761	7.61	2,097	20.99	3,536	35.39	3,598	36.01
Coffee	5,540	551	9.94	1,221	22.04	1,807	32.62	1,961	35.40
Franklin	4,429	426	9.62	996	22.49	1,470	33.19	1,537	34.70
Grundy	2,124	236	11.11	503	23.68	697	32.82	688	32.39
Hamilton	35,799	3,335	9.32	8,109	22.65	12,538	35.02	11,817	33.01
Marion	3,990	373	9.35	863	21.63	1,333	33.41	1,421	35.61
McMinn	6,395	644	10.07	1,452	22.71	2,102	32.87	2,197	34.35
Meigs	1,214	123**	10.13	296**	24.38	382	31.47	413	34.02
Monroe	4,656	470	10.10	1,045	22.44	1,544	33.16	1,597	34.30
Moore	567**	42**	7.41	125**	22.04	196**	34.57	204	35.98
Polk	2,251	214**	9.51	512	22.75	760	33.76	765	33.98
Rhea	3,807	382	10.03	867	22.77	1,274	33.47	1,284	33.73
Sequatchie	1,447	149	10.30	335	23.15	503	34.76	460	31.79
Van Buren	668**	68**	10.18	165**	24.70	226	33.83	209	31.29
Warren	4,857	465	9.57	1,067	21.97	1,630	33.56	1,695	34.90
District III Total	89,063	8,354	9.38	19,952	22.40	30,457	34.20	30,300	34.02

* Source: Annual Statistical Report, Dept. of Educ. ,Nashville, Tennessee, June 30, 1978, Projected to 1983
** Number is less than suggested enrollment goal for 1983

TABLE XLVI

NUMBERS AND PERCENTS OF 4-H AGE DISTRICT IV SCHOOL ENROLLMENT PROJECTIONS
FOR 1983 BASED ON 1978 DATA* FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS 1978

District and County	1983 Total Enrollment	Explorer Enrollment	%	Junior Enrollment	%	Junior High Enrollment	%	Senior Enrollment	%
Cannon	1,310	98**	7.48	256**	19.54	476	36.34	480	36.64
Clay	983**	70**	7.12	193**	19.63	334**	33.98	386	39.27
Cumberland	4,523	429	9.49	982	21.71	1,509	33.36	1,603	35.44
DeKalb	1,790	161**	8.99	370**	20.67	596	33.30	663	37.04
Fentress	2,654	265	9.99	629	23.70	903	34.02	857	32.29
Jackson	1,217	106**	8.71	249**	20.46	415	34.10	447	36.73
Macon	2,123	169**	7.96	432**	20.35	748	35.23	774	36.46
Morgan	2,568	209	10.47	576	22.43	862	33.57	861	33.53
Overton	2,790	279	10.00	612	21.94	875	31.36	1,024	36.70
Pickett	583**	59**	10.12	133**	22.81	176**	30.19	215	36.88
Putnam	5,920	588	9.93	1,316	22.23	2,022	34.16	1,994	33.68
Scott	3,225	307	9.52	686	21.27	1,097	34.02	1,135	35.19
Smith	1,937	159**	8.21	413**	21.32	642	33.14	723	37.33
Trousdale	874	98**	11.21	201**	23.00	271	31.01	304	34.78
White	2,948	261**	8.85	632**	21.44	992	33.65	1,063	36.06
District IV Total	35,445	3,318	9.36	7,680	21.67	11,918	33.62	12,529	35.35

* Source: Annual Statistical Report, Dept. of Educ., Nashville, Tennessee, June 30, 1978, projected to 1983
**Number is less than suggested enrollment goal for 1983

TABLE XLVII

NUMBERS AND PERCENTS OF 4-H AGE DISTRICT V SCHOOL ENROLLMENT PROJECTIONS
FOR 1983 BASED ON 1978 DATA* FOR THE FOUR PRIMARY AUDIENCES ACCORDING TO COUNTY AND DISTRICT TOTALS 1978

District and County	1983 Total Enrollment	Explorer Enrollment	%	Junior Enrollment	%	Junior High Enrollment	%	Senior Enrollment	%
Anderson	9,887	967	9.78	2,174	21.99	3.335	33.73	3,411	34.50
Blount	10,908	1,055	9.67	2,492	22.85	3,660	33.55	3,701	33.93
Campbell	5,907	564	9.55	1,326	22.45	1,966	33.28	2,051	34.72
Carter	6,965	591	8.48	1,509	21.67	2,440	35.03	2,425	34.83
Claiborne	4,133	345	8.35	839	20.30	1,391	33.65	1,558	37.70
Cocke	4,615	457	9.90	1,015	22.00	1,542	33.41	1,601	34.69
Grainger	2,531	214**	8.45	545	21.53	846	33.43	926	36.59
Greene	7,538	736	9.76	1,669	22.14	2,555	33.90	2,578	34.20
Hamblen	7,662	803	10.48	1,752	22.87	2,511	32.77	2,596	33.88
Hancock	970	79**	8.15	211**	21.75	324	33.40	356	36.70
Hawkins	6,267	604	9.64	1,418	22.62	2,088	33.32	2,157	34.42
Jefferson	4,272	390	9.13	930	21.77	1,401	32.79	1,551	36.31
Johnson	1,983	149**	7.51	432**	21.79	692	34.90	710	35.80
Knox	39,770	3,783	9.51	8,780	22.08	13,575	34.13	13,632	34.28
Loudon	4,056	417	10.28	927	22.86	1,354	33.38	1,358	33.48
Roane	6,562	639	9.74	1,494	22.76	2,212	33.70	2,218	33.80
Sevier	5,606	508	9.06	1,228	21.91	1,836	32.75	2,034	36.28
Sullivan	21,276	2,043	9.60	4,829	22.70	7,215	33.91	7,189	33.79
Unicoi	2,350	242	10.30	543	23.11	753	32.04	812	34.55
Union	1,805	155**	8.59	397	21.99	628	34.79	625	34.63
Washington	11,971	1,231	10.28	2,656	22.19	4,065	33.96	4,019	33.57
District V Total	167,035	15,972	9.56	37,166	22.25	56,389	33.76	57,508	34.43

* Source: Annaul Statement Report, Dept. of Educ., Nashville, Tennessee, June 30, 1978, Projected to 1983
**Number is less than suggested enrollment goal for 1983

District I County Comparisons

Study of information in Table XLIII shows that Decatur County projected the smallest total 4-H age population for 1983 with only 1,495 youth. Shelby was high with 99,223.

Explorer Audience. Lauderdale County, 7.94 percent, had the smallest proportion of 4th graders projected for 1983, while Decatur, 11.64 percent, had the largest.

Junior Audience. Haywood County, 20.35 percent, had the smallest proportion of Junior age pupils projected for 1983, while Madison, 23.61 percent, had the largest.

Junior High Audience. Crockett County, 30.52 percent, had the smallest proportion of Junior High age pupils projected for 1983, while both Benton and Lauderdale, 34.37 percent, had the largest.

Senior Audience. Madison County, 32.80 percent, had the smallest proportion of Senior age pupils projected for 1983, while Crockett, 38.62 percent, had the largest.

District II County Comparisons

Study of information in Table XLIV shows that Perry County projected the smallest total 4-H age school population for 1983 with only 767 youth. Davidson was high with 51,418.

Explorer Audience. Dickson County, 7.62 percent, had the smallest proportion of 4th graders projected for 1983, while Lewis, 11.91 percent, had the largest.

Junior Audience. Dickson County, 20.09 percent, had the smallest proportion of Junior age pupils projected for 1983, while Houston, 23.67 percent, had the largest.

Junior High Audience. Montgomery County, 31.83 percent, had the smallest proportion of Junior High age pupils projected for 1983, while Robertson, 35.76 percent, had the largest.

Senior Audience. Robertson County, 32.17 percent, had the smallest proportion of Senior age pupils projected for 1983, while Maury, 38.15 percent, had the largest.

District III County Comparisons

Study of information in Table XLV shows that Moore County projected the smallest total 4-H age school population for 1983 with just 567 youth. Hamilton was high with 35,799.

Explorer Audience. Moore County, 7.41 percent, had the smallest proportion of 4th graders projected for 1983, while Grundy, 11.11 percent, had the largest.

Junior Audience. Bradley County, 20.99 percent, had the smallest proportion of Junior age pupils projected for 1983, while Van Buren, 24.70 percent, had the largest.

Junior High Audience. Meigs County, 31.47 percent, had the smallest proportion of Junior High age pupils projected for 1983, while Bradley, 35.39 percent, had the largest.

Senior Audience. Van Buren County, 31.29 percent, had the smallest proportion of Senior age pupils projected for 1983, while Bradley, 36.01 percent, had the largest.

District IV County Comparisons

Study of information in Table XLVI shows that Pickett County projected the smallest total 4-H age school population for 1983 with just 583 youth. Putnam was high with 5,920.

Explorer Audience. Clay County, 7.12 percent, had the smallest proportion of 4th graders projected for 1983, while Trousdale, 11.21 percent, had the largest.

Junior Audience. Cannon County, 19.54 percent, had the smallest proportion of Junior age pupils projected for 1983, while Fentress, 23.70 percent, had the largest.

Junior High Audience. Pickett County, 30.19 percent, had the smalles proportion of Junior High age pupils projected for 1983, while Cannon, 36.34 percent, had the largest.

Senior Audience. Fentress County, 32.29 percent, had the smallest proportion of Senior age pupils projected for 1983, while Clay, 39.27 percent, had the largest.

District V County Comparisons

Study of information in Table XLVII shows that Hancock County projected the smallest total 4-H age school population for 1983 with only 970 youth. Knox was high with 39,770.

Explorer Audience. Johnson County, 7.51 percent, had the smallest proportion of 4th graders projected for 1983, while Hamblen, 10.48 percent, had the largest.

Junior Audience. Claiborne County, 20.30 percent, had the smallest proportion of Junior age pupils projected for 1983, while Unicoi, 23.11 percent, had the largest.

Junior High Audience. Unicoi County, 32.04 percent, had the smallest proportion of Junior High age pupils projected for 1983, while Carter, 35.03 percent, had the largest.

Senior Audience. Loudon County, 33.48 percent, had the smallest proportion of Senior age pupils projected for 1983, while Claiborne, 37.70 percent, had the largest.

Regarding Counties with 4-H Suggested Enrollment Exceeding Projected School Enrollments

Reference to district and State totals in Table XLI, pages 136-140, and Table XLII, page 151, shows that all but one suggested 1983 enrollment goals were within projected school enrollments for 1983. It should be noted that one of the District IV primary 4-H audience goals, that for Explorers, 3,820, was above the projected school enrollment for 1983, 3,318. Also in District IV, the Junior audience suggested enrollment goal, 7,640, was very close to the projected school enrollment of 7,680 Junior aged youth for 1983.

District I Counties. Reference to District I County totals in Table XLI, pages 136-140, and Table XLIII page 152, shows that total county suggested enrollment goals for 1983 were below projected school enrollments for 1983. However, when individual audiences are considered, it is seen that the following seven counties had problems with the Explorer audience: 1) Benton, goal of 315, school enrollment of 204, a shortage of 111; 2) Chester, goal of 225, school enrollment of 162, a shortage of 63; 3) Crockett, goal of 255, school enrollment of 230, a shortage of 25; 4) Decatur, goal of 260, school enrollment of 174, a shortage of 86; 5) Fayette, goal of 380, school enrollment of 316, a shortage of 64; 6) Haywood, goal of 320, school enrollment of 289, a shortage of 31 and 7) Lauderdale, goal of 340, school enrollment of 289, a shortage of 51. Problems with the Junior audience were noted in four counties, namely: 1) Benton, goal of 630, school enrollment of 449, a shortage of 181; 2) Chester, goal of 450, school enrollment of 367, a shortage of 83; 3) Crockett, goal of 510, school enrollment of 506, a shortage of four and 4) Decatur, goal of 520, school enrollment of 341, a shortage of 179. Neither the Junior High nor Senior audiences had this problem.

District II Counties. Reference to District II county totals in Table XLI, pages 136-140, and Table XLIV, page 153, shows that total county suggested enrollment goals for 1983 were below projected school enrollment for 1983 excepting for Perry County, goal of 900, enrollment of 767, a shortage of 133. However, when individual audiences are considered it is seen that the following thirteen counties had problems

with the Explorer audience: 1) Bedford, goal of 420, school enrollment of 407, a shortage of 13; 2) Cheatham, goal of 407, school enrollment of 319, a shortage of 88; 3) Giles, goal of 42, school enrollment of 339, a shortage of 81; 4) Hickman, goal of 360, school enrollment of 181, a shortage of 179; 5) Houston, goal of 148, school enrollment of 122, a shortage of 26; 6) Humphreys, goal of 340, school enrollment of 266, a shortage of 74; 7) Lawrence, goal of 420, school enrollment of 409, a shortage of 11; 8) Lewis, goal of 150, school enrollment of 149, a shortage of one; 9) Marshall, goal of 315, school enrollment of 254, a shortage of 61; 10) Perry, goal of 180, school enrollment of 73, a shortage of 107; 11) Robertson, goal of 550, school enrollment of 525, a shortage of 25; 12) Stewart, goal of 150, school enrollment of 114, a shortage of 36 and 13) Wilson, goal of 690, school enrollment of 593, a shortage of 97. Problems with the Junior audience were noted in nine counties, namely: 1) Cheatham, goal of 813, school enrollment of 751, a shortage of 62; 2) Giles, goal of 840, school enrollment of 751, a shortage of 89; 3) Hickman, goal of 720, school enrollment of 456, a shortage of 264; 4) Houston, goal of 297, school enrollment of 263, a shortage of 34; 5) Humphreys, goal of 680, school enrollment of 539, a shortage of 141; 6) Lewis, goal of 300, school enrollment of 279, a shortage of 21; 7) Marshall, goal of 630, school enrollment of 588, a shortage of 42; 8) Perry, goal of 360, school enrollment of 178, a shortage of 182 and 9) Stewart, goal of 300, school enrollment of 268, a shortage of 32. A problem with the Junior High audience was noted only in one county, namely: Perry, goal of 270, school enrollment of 248, a shortage of 22. None of the Senior audiences had this problem.

District III Counties. Reference to District III county totals in Table XLI, pages 136-140, and Tabel XLV, page 154, show that total county suggested enrollment goals for 1983 were below projected school enrollments for 1983 excepting in Moore, goal of 700, enrollment of 567, a shortage of 133 and Van Buren, goal of 700 enrollment of 668, a shortage of 32. However, when individual audiences are considered, it is seen that the following five counties had problems with the Explorer audience: 1) Bledsoe, goal of 240, school enrollment of 115, a shortage of 125; 2) Meigs, goal of 150, school enrollment of 123, a shortage of 27; 3) Moore, goal of 140, school enrollment of 42, a shortage of 98; 4) Polk, goal of 225, school enrollment of 214, a shortage of 11 and 5) Van Buren, goal of 140, school enrollment of 68, a shortage of 72. Problems with the Junior audience were noted in four counties, namely: 1) Bledsoe, goal of 480, school enrollment of 299, a shortage of 181; 2) Meigs, goal of 300, school enrollment of 296, a shortage of four; 3) Moore, goal of 280, school enrollment of 125, a shortage of 155 and 4) Van Buren, goal of 280, school enrollment of 165, a shortage of 115. A problem with the Junior High audience was noted in just one county, namely: Moore, goal of 210, school enrollment of 196, a shortage of 14. None of the Senior audiences had this problem.

District IV Counties. Reference to District IV county total in Table XLI, pages 136-140, and Table XLVI, page 155, shows that total county suggested enrollment goal for 1983 were below projected school enrollment for 1983 excepting in Clay, goal of 1,125 enrollment of 983, a shortage of 142, and Pickett, goal of 600, enrollment of 583, a shortage of 17. However, when individual audiences are considered it is seen

that the following nine counties had problems with the Explorer audience: 1) Cannon, goal of 240, school enrollment of 98, a shortage of 142; 2) Clay, goal of 225, school enrollment of 70, a shortage of 155; 3) DeKalb, goal of 340, school enrollment of 161, a shorage of 179; 4) Jackson, goal of 140, school enrollment of 106, a shortage of 34; 5) Macon, goal of 270, school enrollment of 169, a shortage of 101; 6) Pickett, goal of 120, school enrollment of 59, a shortage of 61; 7) Smith, goal of 375, school enrollment of 159, a shortage of 216; 8) Trousdale, goal of 170, school enrollment of 98, a shortage of 72 and 9) White, goal of 340, school enrollment of 261, a shortage of 79. Problems with the Junior audience were noted in nine counties, namely: 1) Cannon, goal of 480, school enrollment of 256, a shortage of 224; 2) Clay, goal of 450, school enrollment of 193, a shortage of 257; 3) DeKalb, goal of 680, school enrollment of 370, a shortage of 310; 4) Jackson, goal of 280, school enrollment of 249, a shortage of 31; 5) Macon, goal of 540, school enrollment of 432, a shortage of 108; 6) Pickett, goal of 240, school enrollment of 133, a shortage of 107; 7) Smith, goal of 750, school enrollment of 413, a shortage of 337; 8) Trousdale, goal of 340, school enrollment of 201, a shortage of 139 and 9) White, goal of 680, school enrollment of 632, a shortage of 48. Problems with the Junior High audiences were noted in two counties, namely: 1) Clay, goal of 337, school enrollment of 334, a shortage of three and 2) Pickett, goal of 180, school enrollment of 176, a shortage of four. None of the Senior audiences had this problem.

District V Counties. Reference to District V County totals in Table XLI, pages 136-140, and Table XLVII, page 156, shows that total county suggested enrollment goals for 1983 were below projected school enrollment for 1983. However, when individual audiences are considered it is seen that the following four counties had problems with the Explorer audience: 1) Grainger, goal of 255, school enrollment of 214, a shortage of 41; 2) Hancock, goal of 180, school enrollment of 79, a shortage of 101; 3) Johnson, goal of 240, school enrollment of 149, a shortage of 91 and 4) Union, goal of 160, school enrollment of 155 a shortage of five. Problems with the Junior audience were noted in two counties, namely: 1) Hancock, goal of 360, school enrollment of 211, a shortage of 149 and 2) Johnson, goal of 480, school enrollment of 432, a shortage of 48. Neither the Junior High nor the Senior audiences had this problem.

CHAPTER V

SUMMARY AND IMPLICATIONS

A. SUMMARY

This descriptive, analytical study was undertaken in an effort to study the situation regarding Tennessee's 4-H Standard Four, which suggests an audience mix of 20 percent Explorers, 40 percent Juniors, 30 percent Junior High members, and 10 percent Seniors, for FY 1978.

Specific purposes were to: 1) relate 4-H data for FY 1978 to Tennessee 4-H Standard Four by county, district and the State; 2) study 4-H agent time planned and spent and clientele contacts made in 4-H work in FY 1978 by audience and totals according to county, district and State and 3) determine and compare FY 1978 actual enrollments, 1983 projected school enrollments and 1983 suggested enrollment goals by audience and totals according to county, district and State headings.

Data were obtained from State 4-H report summaries, TEMIS printouts, Tennessee school enrollment summaries and interviews with the researchers' committee members. No statistical analyses were made.

Review of prior research identified support for Standard Four and previous consideration of the situation using FY 1978 data. However, comparison of actual enrollments, potential enrollments and suggested goals by counties, districts and the State was minimal. Findings from the present study should provide new benchmarks for 4-H planners at all levels in the organization.

Major Findings of the Study

Regarding the time planned and spent and contacts made with 4-Hers in FY 1978. The following major items of imprtance were identified:

1. Percents of time planned for Explorers, 7.7 percent; Juniors, 18.9 percent; Junior High members, 20.2 percent and Seniors, 16.6 percent were found to vary almost inversely from Standard Four.

2. Nearly one-fifth, 18.5 percent of all 4-H agent time planned in FY 1978 was coded Youth (4-H) General, a code defined to include work planned for more than one primary audience. District time planned under the General head ranged from 2.2 percent in District V to 33.3 in District III. County variation ran from 0 in many counties to 97.7 percent in Dickson County. Extension directions to agents preparing plans were not to use this code unless necessary.

3. A total of 31,312 4-H agent days was planned for work in FY 1978. An average of 333 agent days per county was planned for 13 TEMIS audiences listed, an average of 211 agent days per county of the total planned, 63.4 percent, being under the four primary audience rubric. Two counties, Shelby in District I and Dickson in District II, planned no time for any of the four primary audiences - planning their time under the Youth (4-H) General heading.

4. Thirty eight counties planned a total of 2,883 agent days for SPIFFY work, 9.2 percent of all youth time planned in FY 1978.

5. Thirty six counties reported planning a total of 589 agent days for YF&H work, 1.9 percent of all 4-H and other youth time planned in FY 1978.

6. Percents of time expended for Explorers, 3.7 percent; Juniors, 14.1 percent; Junior High members, 16.2 percent and Seniors, 15.4 percent, were found to vary almost invaersely from Standard Four.

7. Nearly one-third, 31.7 percent of all 4-H agent time spent in FY 1978 was coded youth (4-H) General, a code, defined to include work spent for more than one primary audience. District time spent under the General head ranged from 27.4 percent in District V to 36.4 percent in District III. County variation ran from 0 in many counties to 71.1 percent in Fentress County.

8. A total of 34,094.3 4-H agent days was spent for work in FY 1978. An average of 363 agent days per county was spent for 13 TEMIS audiences listed, an average of 179 agent days per county of the total spent, 49.4 percent, being under the four primary audiences rubric All counties spent at least some time for work with one or more of the four primary audiences.

9. Sixty four counties had a total of 2,213 days with SPIFFY, 6.5 percent of all youth time spent in FY 1978.

10. Thirty five counties reported a total of only 157 days with YF&H 0.5 percent of all 4-H time expended in FY 1978.

11. Percents of contacts for Explorers, 7.4 percent; Juniors, 23.0 percent; Junior High members, 17.4 percent and Seniors, 6.5 percent, were found to vary somewhat from Standard Four.

12. About one-fourth, 25.6 percent, of all 4-H agent contacts in FY 1978 was coded youth (4-H) General, a code defined to include contacts made by agents with more than one primary audience. District contacts made under the General head ranged from 16.6 percent in District V to 35.5 in District I. County variation ran from 0 in only Haywood County to 93.3 percent in Fentress County.

13. A total of 2,439,543 individual 4-H contacts was made by agents with 4-H audiences in FY 1978. An average of 25,953 contacts per county was made for 13 TEMIS audiences listed, an average of 14,073 agent days per county of which, 54.2 percent, was under the four primary audiences rubric. All counties reported making contacts in one or more of the four primary audiences.

14. Fifty-nine counties had a total of 131,048 SPIFFY contacts, 5.4 percent of all Youth time contacts in FY 1978.

15. Thirty-one counties reported a total of 6,331 YF&H contacts, 0.3 percent of all 4-H contacts made in FY 1978.

16. A consequential percent (i.e. 9 percent or more) of time was neither planned nor spent for any other heading, i.e. Youth/Adult (4-H); Other Youth; Youth/Adult (Other); Leaders (Volunteer, Adult); Leaders (Volunteer, Adult, Junior and/or Teen); Leaders

(Volunteer, Junior and/or Teen). However, 280,953 total contacts were recorded for the Youth/Adult (4-H) heading in FY 1978, 11.5 percent of all contacts reportedly made that year.

17. A total of 2,782 more agent days was spent than planned in FY 1978 in the state, the largest number, 5,024 being reported under the Youth (4-H) General head. Fewer agent days reportedly were spent than planned for Explorers, 1,135 days; Juniors, 1,132 days and Junior High members, 818 days. A slight increase was noted for Seniors, 58 days. Districts appeared to be fairly similar. A total of 2,012 more days was reported spent than planned also for Youth/Adult (4-H). Extreme variations were noted for counties.

18. In terms of differences in relative percents between percents planned and spent, the greatest shift noted was 12.5 percent more spent than planned for Youth (4-H) General work. While District IV showed practically no change, District V had a relative percent increase of 25.8 percent. Extreme variations in counties were noted.

19. About 70 percent of all work reported in FY 1978 reportedly had been planned. This corresponds to the 60 percent to 80 percent range recommended to be included in the POW.

Regarding actual FY 1978 enrollments, projected 1983 school enrollments and suggested 1983 enrollment goals. The following major findings were indicated:

1. Tennessee total actual 4-H enrollment in Fy 1978 was the highest in the nation for organized clubs (9:1), 170,222 youth. While Tennessee 4-H Standard Four recommends 20 percent Explorers, 40 percent Juniors, 30 percent Junior High members and 10 percent Seniors, actual percents in FY 1978 were, respectively, 21.3 percent, 46.0 percent, 29.2 percent, and 3.6 percent. Thus, the Junior audience percent was high and the Senior audience percent low in FY 1978. Consequential differences were noted between districts for the Junior and Junior High audiences. Extreme variations were seen when counties were compared. Fifteen counties had enrollments within 1 percent of the 20 percent Explorer guide; sixteen counties were within 1 percent of the 40 percent rule for Juniors; nine counties were within 1 percent of the 30 percent Junior High rule and ten counties were within 1 percent of the 10 percent rule for Seniors or had more than 10 percent.

2. Suggested 1983 4-H enrollments by audience were projected based on criteria and staff equivalencies mentioned earlier and initially studied by Batsford (1). The suggested state total of 167,176 for 1983 was found to be less than the actual FY 1978 enrollment by 3,046 youth. When individual audiences were studied, it was found that Explorers already exceeded the 1983 suggested goals by 2,821 and Juniors by 11,407 Proper proportioning of Junior High members on the other hand would demand an increase of 519 youth statewide, while 10,664 Seniors would be needed.

District III would need a total of 552 more 4-Hers in 1983 than reported in FY 1978, District IV would need 500, and District I would need only 164 more. At the same time, District V had 2,531 surplus 4-Hers and District II had 1,731 extra. Extreme variations were found between counties. However, many counties (i.e. 42) had already attained 1983 total suggested 4-H enrollments by FY 1978. Forty had reached suggested Explorer goals, forty-nine had attained suggested Junior goals, forty-nine had reached suggested Junior High goals, and seven had reached or exceeded suggested Senior enrollment goals.

3. Tennessee Department of Education data (4) for June 30, 1978, projected to 1983, showed that a total of 619,342, youth of 4-H ages (i.e. 9-18 years) and grades (i.e. grades 4 through 12) will probably be available for 4-H membership consideration in 1983. Projections ranged from 35,445 boys and girls in District IV, 5.7 percent of the total to 175,739 youth in District I, 28.4 percent of the total.

Comparison of projected 1983 school enrollments and suggested 1983 enrollments disclosed that there should be enough potential 4-H members in schools in 1983 to reach goals in all districts and for all audiences excepting for the Explorer audience in District IV. There the school enrollment projection of 3,318 youth in 4th grade will be less than the suggested goal, 3,820 youth, by some 502 boys and girls.

When counties are considered, it is found that five counties projected less 4-H age school enrollment in 1983 than needed for total suggested enrollment goals using present criteria and Standard Four applied, 38 counties projected too few for Explorers, 28 counties

projected too few for Juniors, four projected too few for Junior High members and none projected too few for Seniors available for suggested goals.

B. IMPLICATIONS

The following implications are based on the major findings of the study:

1. Since four-fifths of all county staffs planned time under the four primary audiences as instructed and about 70 percent of what was spent had been planned, it is implied that they were attempting to follow instructions in FY 1978. However, a few counties obviously were not following planning instructions to one degree or another since they didn't plan by audience. This may be due to the fact that some 4-H clubs include more than one audience and some work is of a more general nature cutting across audience lines.

2. Also, the relatively large increases in agent days spent over those planned for the General 4-H audience and corresponding decreases in days spent in comparison to those planned for the four primary audiences would suggest the difficulty possibly encountered by agents in reporting by audience when youth representing two or more audiences may have been in attendance.

3. Since agents planned more than twice as much time for Senior than for Explorers and spent more than four times the percent of agent days with their Seniors than Explorers, though more contacts were

recorded with Explorers than Seniors, it is implied that work with Seniors is relatively more agent time expensive than Explorer work. Agents appear to need help if they are to work more efficiently and effectively with Seniors.

4. Since more time was planned than spent on YF&H, SPIFFY, and work with leaders of all kinds, agents may need help to accomplish what they really would like to do with those audiences. Work with YF&H and leaders may be similar to work with Seniors in that increasingly more inputs of agent time may be needed to get additional involvements of older youth and adults.

5. Decreased school enrollments projected for 1983 will make it impossible for some suggested 1983 enrollment goals arrived at by the present formula to be reached. Some District IV counties especially will experience increasing difficulty in this regard. Explorer age and Junior age audiences project to 1983 as the audiences having too low school enrollments. On the other hand, 42 of the 94 counties had attained 1983 suggested enrollment goals by FY 1978 - indicating the reasonability of such goals for most Tennessee situations.

6. Standard Four appears reasonable and useful as a guide to help 4-H workers plan and evaluate their work. The Senior 4-H audience is the farthest away from suggested guidelines.

C. RECOMMENDATIONS

Based on this study, it is recommended that consideration be given to the following:

1. Consider developing a new approach to 4-H program development which will permit recognition of situations where two or more 4-H audiences are involved. Instruction to agents and training of both old and new agents should make for consistency in use or non-use of the four primary audiences and the General 4-H heading.

2. The Senior 4-H audience should be carefully studied to determine ways of working more efficiently and effectively with this age group if Standard Four is to be followed. For example, an entirely new Senior 4-H approach may be needed to attract youth to 4-H work in grades 10, 11 and 12 (i.e. new meeting format, projects, literature, organization-base). Regular training should be provided to both old and new agents to assist them with such approaches if and when developed.

3. Consider adding a new criterion to those already used to develop suggested 4-H enrollment goals so as to include school enrollment projections available for the time period ahead. Staff reallocations might need to be considered in extreme uses.

4. Make data from this study available to appropriate planners for their consideration in future planning.

5. The following study areas might be suggested:
   a. Studies of innovative and successful Senior 4-H programs.
   b. Studies of innovative and successful YF&H programs.
   c. Studies of innovative and successful leader approaches.
   d. Studies incorporating civil rights goals and accomplishments.
   e. A study similar to the present one five years from now.
   f. Studies looking at the participation discussed of 4-H involvement, both total percent participation and participation by different people.

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APPENDIX

ANNUAL 4-H - YOUTH DEVELOPMENT ENROLLMENT REPORT

October 1, 1978 to September 30, 1979

_____ County

	Boys	Girls	Total
1. 4-H members enrolled in organized 4-H Clubs	_____	_____	_____
2. 4-H members--enrolled in 4-H special interest groups and other 4-H units--not in No. 1*	_____	_____	_____
3. Total different 4-H members other than 4-H TV and 4-H SPIFFY (1 plus 2)*	_____	_____	_____**

4a. 4-H members by age group (in item 3)

Under 9	_____	15 years of age	_____
9 years of age	_____	16 years of age	_____
10 years of age	_____	17 years of age	_____
11 years of age	_____	18 years of age	_____
12 years of age	_____	19 years of age	_____
13 years of age	_____		
14 years of age	_____	Total	_____**

4b. 4-H members by years in 4-H (in item 3)

1st year	_____	5th year	_____
2nd year	_____	6th year	
3rd year	_____	and above	_____
4th year	_____	Total	_____**

5a. 4-H members by place of residence (in item 3)

Farm	_____	Suburbs of cities of over 50,000	_____
Towns under 10,000 and open country	_____	Central cities of over 50,000	_____
Towns and cities 10,000 to 50,000	_____	Total	_____**

5b. 4-H members by grades in school:

4th grade	_____	9th grade	_____
5th grade	_____	10th grade	_____
6th grade	_____	11th grade	_____
7th grade	_____	12th grade	_____
8th grade	_____	Total	_____**

6. Number of organized 4-H Clubs:

4th grade	Junior	Jr. High	Senior	Other	Total
_____	_____	_____	_____	_____	_____

7. Number of 4-H special interest groups and other 4-H units _____

8. Total number of different 4-H units (6 plus 7) _____

*Youth participating in 4-H SPIFFY programs are reported through the combined SPIFFY unit reports. To avoid duplication, do NOT include 4-H SPIFFY enrollments in this total. Include 4-H SPIFFY in the 4-H camping report in items 15a and 15b. Also include 4-H SPIFFY participation when portraying to the public the total Extension 4-H - Youth program.

**Totals for 3, 4a, 4b, 5a, and 5b should be the same.

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9. Racial-Ethnic Characteristics of 4-H Units and Youth Enrolled

	A. Integrated Units (Youth of More Than One Racial-Ethnic Group Enrolled)		B. Units Not Integrated				C. Totals	
			In Racially-Ethnically Mixed Communities		Not In Racially-Ethnically Mixed Communities			
	Units	Youth	Units	Youth	Units	Youth	Units	Youth
Integrated							K	
White, not of Hispanic Origin							L	
Black, not of Hispanic Origin							M	
American Indian or Alaskan Native							N	
Hispanic							O	
Asian or Pacific Islander							P	
Totals							* TU	**

*Total number of units (TU) must be same as indicated in Item 8.
Number of units in K, L, M, N, O, P must equal TU and be the same on pages 3 and 4.
**Total number of members must be same as indicated for items 3, 4, and 5

Racial-ethnic designations do not denote scientific definitions of anthropological origins. A program participant may be included in the group to which he or she appears to belong, identifies with, or is regarded in the community as belonging to. No person should be counted in more than one racial-ethnic category.
See instruction 9 for a description of the revised racial/ethnic categories.

10. Number of different 4-H adult leaders* Male _____ Female _____ Total _____

11a. Number of different 4-H junior leaders* " _____ " _____ " _____

11b. Number of different 4-H teen leaders* " _____ " _____ " _____

12. Total (10 plus 11a and 11b) " _____ " _____ " _____

* Duplication eliminated

13. Summary of 4-H Units (4-H Clubs and Special Interest Groups) and 4-H Volunteer Leaders by Racial-Ethnic Characteristics

Type of Unit Based on Racial-Ethnic Char. of Mem. of 4-H Units	A. No. of Units	B. 4-H Volunteer Adult and Youth Leaders by Racial-Ethnic Characteristics					
		White Not of Hisp.Or.	Black Not of Hisp.Or.	American Indian or Alaskan Nat.	Hispanic	Asian or Pacific Islander	Total
Integrated	K						
White, not of Hispanic Origin	L						
Black, not of Hispanic Origin	M						
American Indian or Alaskan Native	N						
Hispanic	O						
Asian or Pacific Islander	P						
Totals	** TU						***

** Numbers of units and totals K, L, M, N, O, P, and TU should be same as in Item 9.
Total for all units should be the same as total in Item 8.

*** Total for all leaders should be the same as total in Item 12.

14. Number of 4-H members enrolled in organized projects and activities. (A member may be enrolled in more than one organized project or activity and should be counted each time. Do not include 4-H TV or SPIFFY participants here unless they are also enrolled in the regular 4-H program.)

	Boys	Girls		Boys	Girls
Animal Science			Leadership		
Beef			Management		
Beef Show			Personal Development		
Dairy			Photography		
Dairy Show			Plant Science		
Dog Care			Conservation		
Horse			Corn		
Horse Show			Cotton		
Poultry			Forestry		
Poultry Show			Garden		
Sheep			Home Grounds		
Lamb Show			Soybeans		
Swine			Tobacco		
Swine Show			Public Speaking		
Art & Crafts			Recreation		
Automotive			Safety		
Beekeeping			Small Engine		
Bicycle			Tractor		
Citizenship			Wildlife		
Clothing			Woodworking		
Dress Revue			Clothing Judging		
Dairy Foods			Crop Judging		
Economics			Dairy Judging		
Electric			Food - Nutrition Judging		
Entomology			Forestry Judging		
Food-Nutrition			Home Imp. & Crafts Judging		
Bread			Land Judging		
Food Preservation			Livestock Judging		
Health			Poultry Judging		
Home Improvement			Share-the-Fun		
			Rabbits		

15. SUMMARY OF EXTENSION 4-H-YOUTH CONDUCTED CAMPS BY RACIAL-ETHNIC CHARACTERISTICS OF YOUTH ATTENDING AND ALL STAFF (PAID AND VOLUNTEER) ASSISTING FOR YEAR STARTING OCTOBER 1, 1978

Item	A	B Youth From This County in Attendance				C Staff Members From This County Assisting*					
	Beginning Date	White	Black	All Other	Total Youth	White Leader	Black Leader	White Agent	Black Agent	All Other Adults	Total Adults
State Conferences											
Conservation											
Wildlife											
All-Star											
Sheep											
Beef											
Dairy											
Other (specify											
TOTAL FOR STATE CONF.											
District Camps and Conf.											
Jr. 4-H Camp											
Jr. High Leadership Conf.											
Sr. High Leadership Conf.											
All-Star Conf.											
Other (specify)											
TOTAL FOR DISTRICT CAMPS & CONF.											
County Camps or Conf.											
Day Camp											
Spiffy Camp											
Sr. Retreat											
Other (specify)											
TOTAL FOR COUNTY CAMPS & CONFERENCES											
TOTAL FOR STATE, DISTRICT, & COUNTY CAMPS AND CONF.											
D TOTALS BY SEX		Male_____ Female_____				Male_____ Female_____					

*Do not count permanent staff employed at 4-H Training Centers. District and State offices will add these.

16. Does not apply.

17. Number members in YF&H . . . . . _____

18. Number members in 4-H Honor Club . . . . . _____

19. Do you have a County 4-H Leaders' Organization?. . . . . _____

20. Do you have a County 4-H Club Council? . . . . . _____

21. Do you have a County 4-H Club Citizens' Committee? . . . . . _____

22. Number active 4-H All Stars, including current year's initiates. . . . _____

23. Number of current year's All Star initiates. . . . . _____

24. 4-H EXPANDED FOODS & NUTRITION EDUCATION PROGRAM (EFNEP COUNTIES)

    1. Number of 4-H SPIFFY members enrolled:
       a. Who are regular 4-H club members . . . . . _____
       b. Who are NOT regular 4-H club members . . . . . _____
       *c. Total (a and b). . . . . _____

    2. Number of 4-H SPIFFY groups organized. . . . . _____

    3. Number of different 4-H SPIFFY leaders trained . . . . . _____

*These members should NOT be included in items 1 and/or 2 on page 1.

COUNTY -- _____

4-H QUESTIONNAIRE

*I. A. How many clubs usually meet in schools (a) During school hours? _____. Length of meeting (approx. No. of mins.) _____. (b) At times other than school hours? _____. Length of meeting (approx. No. of mins.) _____
(1) Of these clubs, approximately how many usually meet on a "class room," "home room," "study hall," or similar school grouping basis with 40 members or less per club? _____.

B. How many clubs usually meet in homes or in public buildings (other than schools) such as churches, community centers, etc.? _____. Length of meeting (approx. No. of mins.) _____.

*II. A. How many clubs usually meet once a month (a) Year round? _____ (b) During school year only? _____.

B. How many clubs usually meet more frequently than once a month (a) Year round? _____ During school year only? _____.

*III. A. How many clubs are composed of both boys and girls? _____. Of these, how many usually separate for a part of their meeting? _____.

*IV. Approximately how many clubs usually hold meetings (a) In addition to those attended by agents? _____. (b) Attended by one agent? _____. (c) Attended by two agents? _____.

**V. In approximately what percent of the clubs in IV(b) and IV(c) above were demonstrations usually given or other teaching done by agents only? A._____. By agents and leaders only? B._____. By agents, leaders, and club members? C._____.

VI. A. How many 4-H Club project groups (not counted as clubs under question I) held one or more meetings on a community basis? _____. On a county-wide basis? _____.

B. How many of these groups were led primarily by junior leaders? _____. Teen leaders? _____. Adult leaders? _____. Agents? _____.

VII. How many of the local 4-H Clubs in your county have the active support of a group of adults, such as PTA, community club, home demonstration club, etc.? _____.

VIII. How much nontax money would you estimate was provided for 4-H support in your county last year? _____.

IX. Was a county 4-H achievement program held last year? Yes _____ No _____

X. Was a county 4-H demonstration program held last year? Yes _____ No _____

*The total number of clubs reported under I, II, III, and IV should be the same and should equal the total number of clubs reported on Form 437.

**The percentages of sub-items A, B, and C should total 100.0.

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XI. How many local 4-H Clubs or project groups conducted a community tour last year? _____.

XII. How many local 4-H Clubs or project groups conducted a community 4-H parents' recognition program last year? _____.

XIII. How many community activities or projects such as Community Pride, Community Participation and/or other service activities were conducted by 4-H groups? _____.

XIV. How many 4-H Clubs or project groups displayed 4-H floats at events during the year? _____.

XV. How many 4-H Clubs or project groups displayed 4-H exhibits during the year? _____.

XVI. In how many different roles are leaders now serving in your county?*

Leaders	Explorer 4th Grade			Junior 5-6 Grades			Junior High 7-8-9 Grades		Senior 10-11-12 Grades	Total
	Jr.	Teen	Adult	Jr.	Teen	Adult	Teen	Adult	Adult	
Organizational (local)										
Project (local)										
Activity or Other (local)										
Organizational, Project, Activity, or Other (county or area)										
TOTAL										

*One leader may serve in more than one role. Therefore, the totals in this section will be greater than the number of different leaders reported under question No. 10 in Form 437.

XVII. Have you received approval for academic credit for 4-H in your county?
Yes _____ No _____

If yes, how many members qualified for credit during the past school year? _____

If no, are you now working with or planning to work with local school officials to get approval for the next school year? Yes _____ No _____

VITA

Chun Chang, the son of Mr. and Mrs. Chang, Tsang-hai was born in Taipei, the Republic of China. He has four elder sisters.

He was graduated with a Bachelor of Science degree in Agriculture with a major in Agricultural Extension from the National Taiwan University, Taipei, ROC. After serving as a second Lieutenant in the ROC Army, he engaged in research work in the Agricultural Extension Department under Dr. Wu, Tsong-shien, Chairman, and Dr. Liu Ching-yung, Professor, at the National Taiwan University for a year and then served as a research assistant to Dr. Chen, Ju-chin, Acting Director, Institute of Oceanography, The National Taiwan University. Later, he received financial aid from the Department of Agricultural Extension Education, The University of Tennessee, Knoxville and is completing his Master of Science degree with a major in that department.