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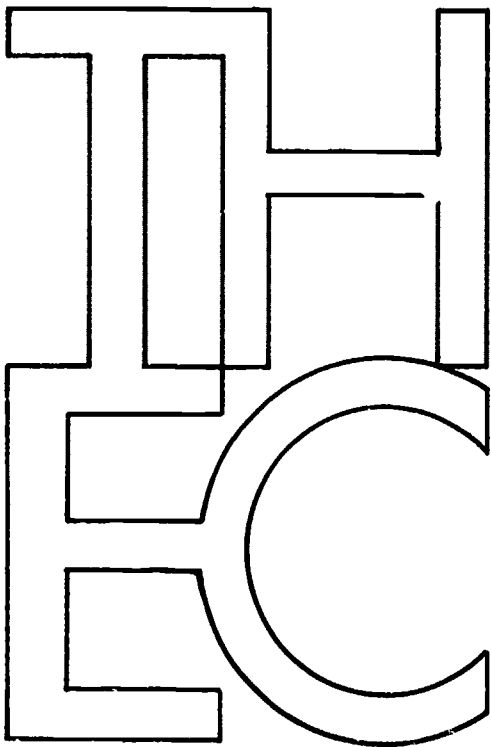
ABSTRACT

The appropriations formula used by the Tennessee Higher Education to generate operating budget requests for the colleges and universities annually is dependent on a detailed study of instruction and departmental research costs. This publication contains the results of this cost study made in the fall of 1971. The basic unit of measurement that comes under scrutiny in the Commission's instructional cost study is the student credit hour. Professional salaries, support salaries, operating expenses, and equipment charges are allocated to the student credit hour so as to yield cost per hour by (1) academic program, (2) student class level, and (3) institution. From cost data collected by the various institutions, statewide average costs by student credit hour by program and by level are computed and used in the budget process to request instruction and departmental research monies that now comprise 54% of the operating budget for educational expenditures in the Tennessee public institutions. The cost per student credit hour is used additionally to identify high cost academic programs, and can thus be used in the internal management of the institution.
(Author/HS)

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AN ANALYSIS OF INSTRUCTIONAL COSTS FALL QUARTER, 1971

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AN ANALYSIS OF INSTRUCTIONAL COSTS PER STUDENT CREDIT HOUR FALL QUARTER 1971

A Report of the
TENNESSEE HIGHER EDUCATION COMMISSION
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Nashville, Tennessee 37219

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April, 1973

FOREWORD

The appropriations formula used by the Tennessee Higher Education Commission budget requests for the colleges and universities annually is dependent on a detailed study of institutional and departmental research costs. The following publication contains the results of this study in the fall of 1971.

The basic unit of measurement that comes under scrutiny in the Commission's "cost study" is the student credit hour. Professional salaries, support salaries, operating expenses, and equipment charges are allocated to the student credit hour so as to yield costs per student credit hour by (1) academic program, (2) student class level, and (3) institution.

From cost data collected at the various institutions, statewide average costs per student credit hour by program and by level are computed and used in the budget process to request departmental research monies which now comprise 54 percent of the operating budget expenditures in the public institutions in Tennessee. The cost per student credit hour data can be used to identify high cost academic programs, and can thus be used in the internal management of the institutions.

The first cost study was made in the fall of the 1969-70 school year, and the results were published afterward. The second cost study made in the fall of the 1971-72 school year and the results of this publication includes comparative data between the first and second studies.

It is the intention of the Commission to undertake a cost study in the fall of the next numbered year. As the cost study figures are updated they will be incorporated in the current formula.

FOREWORD

The formula used by the Tennessee Higher Education Commission to generate operating costs for the colleges and universities annually is dependent on a detailed study of instructional research costs. The following publication contains the results of this cost study made

of measurement that comes under scrutiny in the Commission's "instructional cost per credit hour. Professional salaries, support salaries, operating expenses, and other costs allocated to the student credit hour so as to yield costs per hour by: (1) academic program, (2) student class level, and (3) institution.

Data collected at the various institutions, statewide average costs by student credit hour by level are computed and used in the budget process to request instruction and other monies which now comprise 54 percent of the operating budget for educational expenditures at institutions in Tennessee. The cost per student credit hour is used additionally for academic programs, and can thus be used in the internal management of the institutions.

This study was made in the fall of the 1969-70 school year, and the results published in the first cost study made in the fall of the 1971-72 school year and contained in this publication comparative data between the first and second studies.

At the request of the Commission to undertake a cost study in the fall term of every odd year, when the cost study figures are updated they will be incorporated into the THEC budget

An effort of this magnitude could not have been completed without the assistance of each of the institutions. We express our sincere appreciation for their major contributions to the Commission ranks, special acknowledgement is due Brenda Norman, an Education Specialist responsible for overseeing this task. Credit is also due Wiley Lynch, Assistant Director of Services at the Commission, Larry Allen, a Systems Analyst, and John Hastie, an Assistant Director. Without their assistance and the aid of the computer, the study results would not have been possible.

Jack C. Blanton
Associate Director for Fiscal Affairs

Nashville
April, 1973

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INTRODUCTION

The Tennessee Higher Education Commission, which was created by the 1967 Tennessee Legislature, has responsibility for studying the use of public funds in higher education, for developing policies and formulae utilized in the fair and equitable distribution of these funds, and for approving academic programs in view of the cost of the programs.

Accurate and comparable information on costs can provide a basis for developing statewide planning and financing systems for higher education. This report describes the development, procedures, and results of an information system used by the Higher Education Commission for collecting and analyzing instructional cost data from each public higher education institution in Tennessee.

The definitions and procedures used in the cost information system and resultant analyses were developed with the help of representatives from higher education institutions and consultants from states that have completed similar studies.

Since more than 50 percent of all public funds expended by the Tennessee public higher education institutions are for Instruction and Departmental Research, most of the cost analyses presented in this report are applicable to the costs of this function.

Instruction and Departmental Research costs include expenditures for all of the departments, colleges, schools, and instructional divisions of the institution. Salaries for deans, faculty members, secretaries, technicians, laboratory assistants, and graduate assistants, as well as office expenses, laboratory and instructional expenses, travel and equipment expenses are included in the Instruction and Departmental Research function.

All of the expenditures in Instruction and Departmental Research were allocated to the student credit hours which were produced at each institution. Average costs per student credit hour were calculated by academic area and by course level (freshman-sophomore, junior-senior, master's level, professional level law, and doctoral level) for each institution as well as for all institutions in the State. Each institution classified student credit hours using standardized academic areas defined by the U. S. Office of Education, and standardized course levels defined by the Tennessee Higher Education Commission. For example, all of the salaries, equipment, supplies and other expenditures of the math department at each institution were allocated to the student credit hours produced in the math department at that institution by course level; this allocation procedure produced an average cost per student credit hour for freshman-sophomore math, junior-senior math, master's level math, and doctoral level math for each institution. From this data statewide average costs per student credit hour were then calculated.

This analyses of cost per student credit hour has been used in many ways. The statewide average costs have been used in appropriations formulae developed by the Tennessee Higher Education Commission for determining public funding levels at each institution. The first instructional cost study analyzed data for the fall term of 1969. The statewide average costs per student credit hour by academic area and course level produced from this study were used to determine appropriations recommendations for 1971-72 and 1972-73. The cost study conducted for the fall term of 1971 was used to determine appropriations recommendations for 1973-74.

Since the data has been collected on a comparable statewide basis, the costs of courses in various academic areas and levels may be compared within an institution and among institutions. For example, it is possible to compare the average cost per student credit hour for freshman and sophomore mathematics courses for the fall term at all institutions. Thus, it is possible to identify academic programs which have high costs in comparison to similar academic programs at other institutions. Further, costs per student credit hour can be compared within an institution so that it is possible, for example, to compare the average costs per student credit hour of freshman-sophomore math courses with freshman-sophomore English courses.

All of the costs per student credit hour which are presented in this report are fall quarter hour costs. The figures represent only unrestricted funds (State appropriations, student fees, etc.). Restricted funds (Federal grants, private gifts, etc.) are not included.

Section I of this report analyzes costs per student credit hour for fall term 1971; a detailed analysis of cost for 1969 may be found in An Instructional Analysis of Tennessee Public Higher Education, Fall 1969. Section II compares costs per student credit hour for fall terms 1969 and 1971. Section III contains detailed tables presented by academic area, institution, and course level.

The following institutions were included in the study:

<u>Institution</u>	<u>Location</u>	<u>Abbreviation</u>
Austin Peay State University	Clarksville	APSU
East Tennessee State University	Johnson City	ETSU
Memphis State University	Memphis	MSU
Middle Tennessee State University	Murfreesboro	MTSU
Tennessee State University	Nashville	TSU
Tennessee Technological University	Cookeville	TTU

<u>Institution</u>	<u>Location</u>	<u>Abbreviation</u>
University of Tennessee at Chattanooga	Chattanooga	UT Chats.
University of Tennessee at Knoxville	Knoxville	UT Knox.
University of Tennessee at Martin	Martin	UT Martin
University of Tennessee at Nashville	Nashville	UT Nash.
Cleveland State Community College	Cleveland	Cleve.
Columbia State Community College	Columbia	Col.
Dyersburg State Community College	Dyersburg	Dyers.
Jackson State Community College	Jackson	Jack.
Motlow State Community College	Tullahoma	Motlow
Roane State Community College	Rockwood-Harriman	Roane
Volunteer State Community College	Gallatin	Vol.
Walters State Community College	Morristown	Walters

The UT Medical Units were not included in the study.

All of the above institutions submitted data in the following manner.

Personnel: Information was submitted for all individuals employed in the Instruction and Departmental Research function--deans, departmental chairmen, faculty, counselors, students, and clerical and technical personnel. Data collected included social security number, salary, rank, department, age, sex, race, experience, highest degree earned, and distribution of effort in the activity categories of Instruction, Thesis and Dissertation Supervision, Academic Advising, Institutional Service, Departmental Research, Other Professional Services, and Other Support Effort.

Classes: Information was submitted for each class which was taught in the Instruction and Departmental Research function for the fall term. Data collected included social security number of personnel assigned to class, department, course level, academic area, credit hour value, instructional medium, and number of students. Each class was reported in one of the following levels: lower level

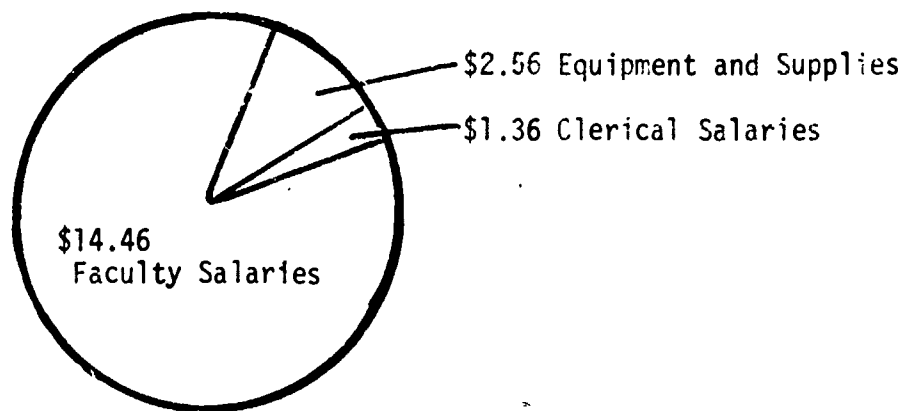
(freshman and sophomore), upper level (junior and senior), master's level, professional level (law only), doctoral level, remedial level, and continuing education level. The academic areas used are those published by the U. S. Office of Education in A Taxonomy of Instructional Programs.

Equipment and Supplies: Information was supplied on the basis of expenditures by department.

SECTION I

FALL QUARTER 1971 COSTS PER STUDENT CREDIT HOUR

Tennessee public higher education institutions produced over a million student credit hours for fall term 1971. The average cost to produce one student credit hour was \$18.38. This cost per student credit hour can be further divided by type of expenditure as follows:



Seventy-nine percent (\$14.46) of the instructional cost was for faculty salaries; 14 percent (\$2.56) of the cost was for equipment and supplies, and 7 percent (\$1.36) was for clerical salaries.

VARIATION IN COST BY LEVEL

There was considerable variance of cost by course level:

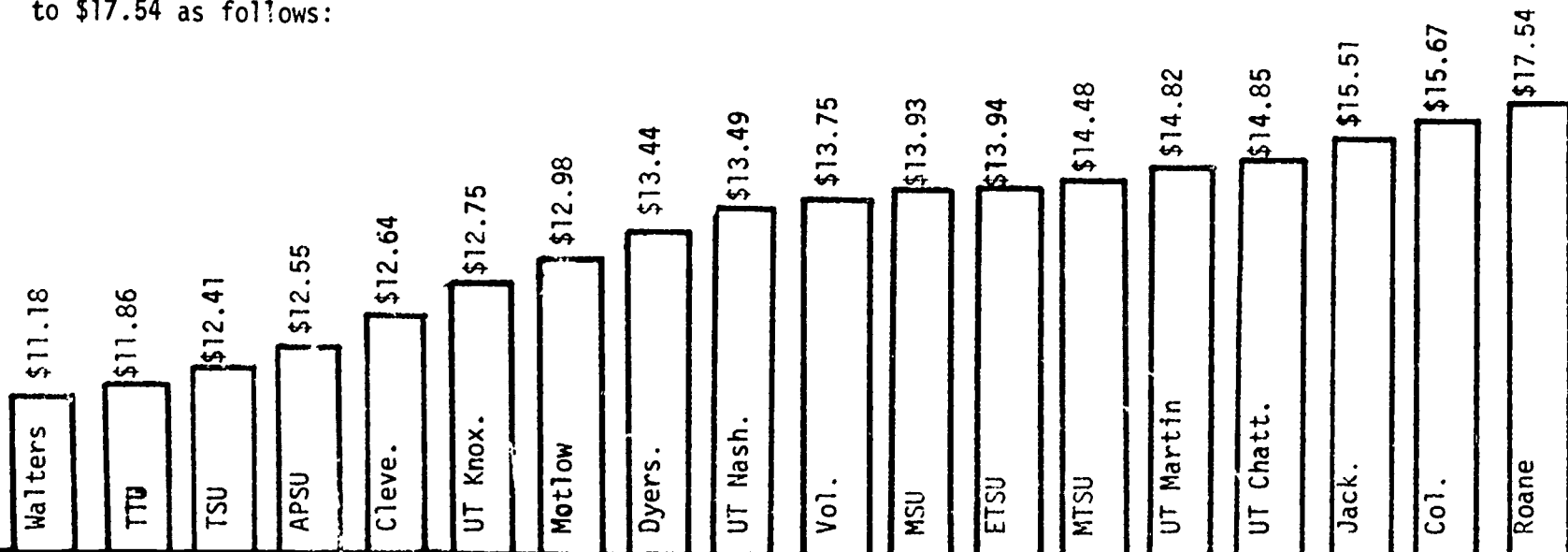
Freshman-sophomore cost per student credit hour	\$ 13.53
Junior-senior cost per student credit hour	21.02
Master's level cost per student credit hour	52.36
Professional level (law) cost per student credit hour	15.16
Doctoral level cost per student credit hour	118.16

The average cost per junior-senior level student credit hour was almost 50 percent greater than the average freshman-sophomore level student credit hour while the master's level student credit hour was almost four times more expensive and the average doctoral level student credit hour was almost eight times more expensive. Two factors which contribute to this variance in costs by level are:

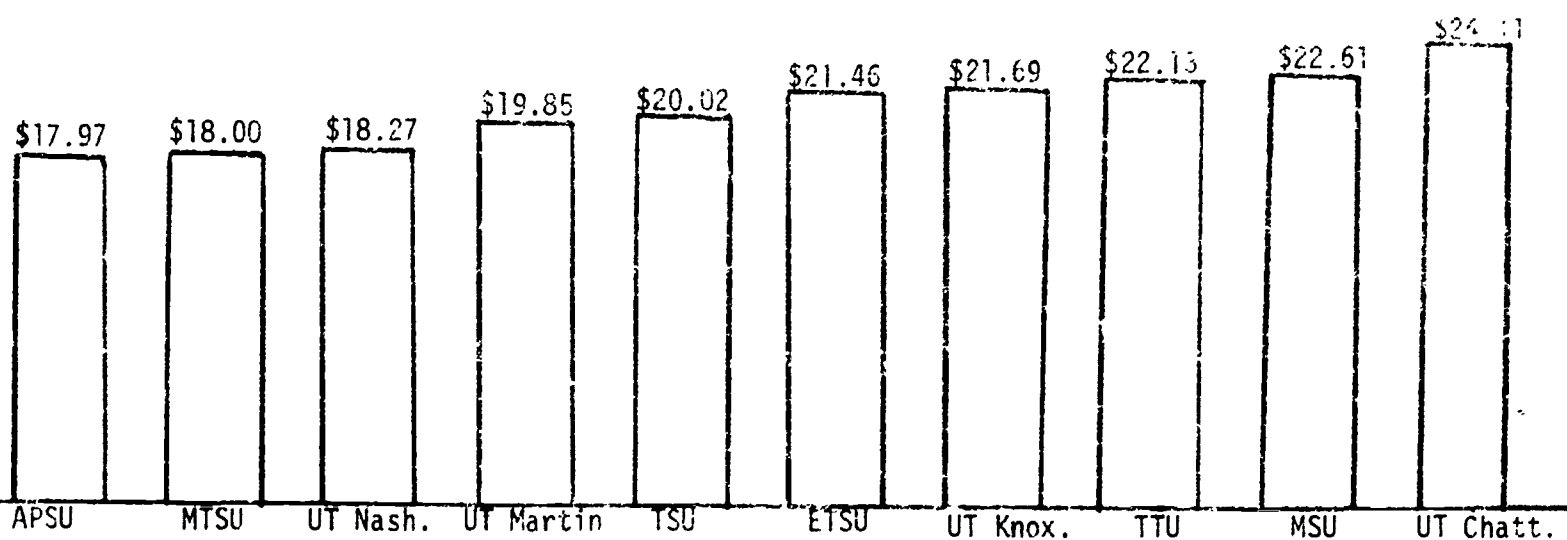
1. Differences in class sizes. The higher level courses tend to have lower enrollments which result in higher costs per student credit hour.
2. Specialized instruction. The higher level courses tend to require more specialized personnel and equipment which result in higher costs per student credit hour.

VARIATIONS IN COST BY INSTITUTION

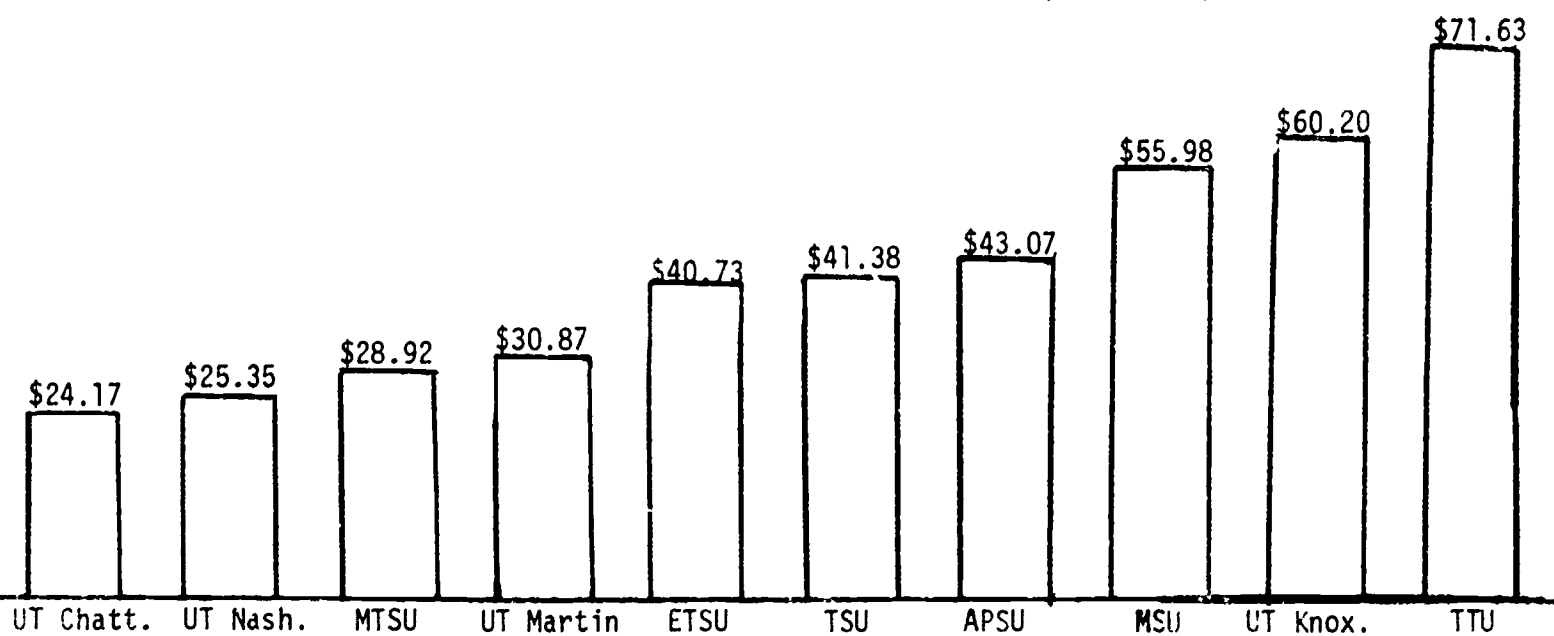
Average costs per freshman-sophomore student credit hour among institutions ranged from \$11.18 to \$17.54 as follows:



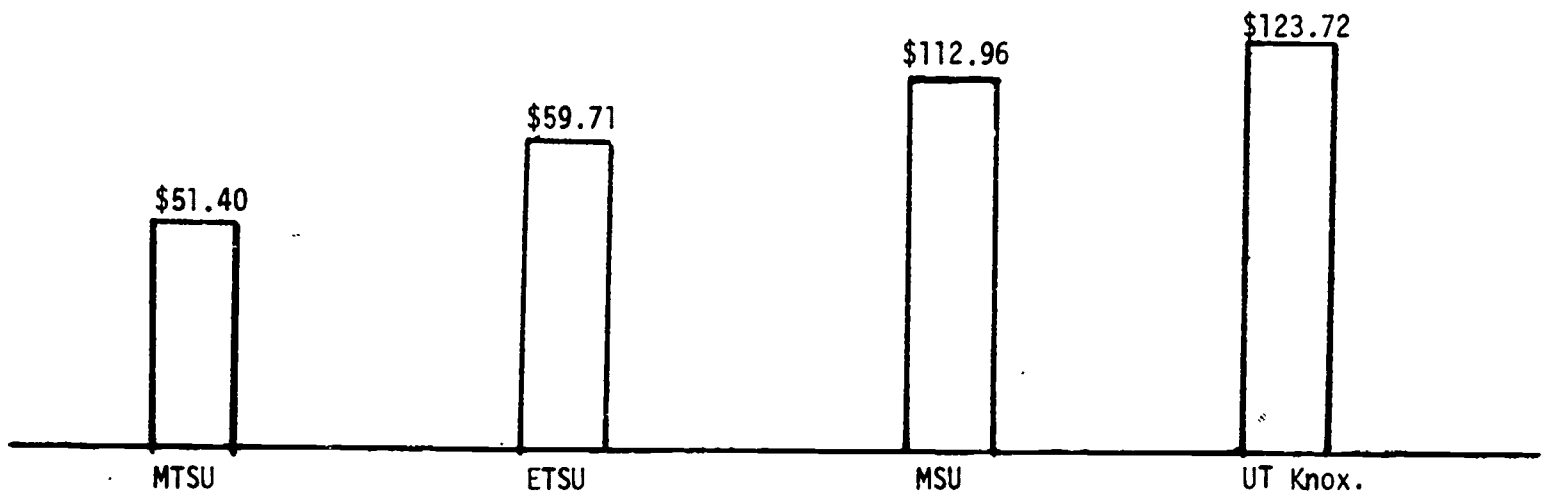
AVERAGE COSTS PER JUNIOR-SENIOR STUDENT CREDIT HOUR RANGED FROM \$17.97 TO \$24.17 AS FOLLOWS:



AVERAGE COSTS PER MASTER'S LEVEL STUDENT CREDIT HOUR RANGED FROM \$24.17 TO \$71.63 AS FOLLOWS:



AVERAGE COSTS PER DOCTORAL LEVEL STUDENT CREDIT HOUR RANGED FROM \$51.40 TO \$123.72 AS FOLLOWS:



Some of the factors which may account for these differences among institutions in cost per student credit hour are:

1. Differences in academic offerings. Institutions that offer a large number of programs in the scientific areas tend to have higher costs. For example, at the doctoral level, UT Knoxville and Memphis State have higher costs because of the science-related programs which they offer at this level.

2. Differences in utilization of personnel. Institutions utilizing low-cost teaching personnel, e.g., graduate assistants or large numbers of part-time personnel, tend to have lower costs in areas where these individuals teach.

3. Differences in instructional media. Institutions utilizing low-cost media, such as TV in some areas tend to have lower costs per student credit hour in these areas.

VARIATIONS IN COST BY ACADEMIC AREA

The average costs per student credit hour varied considerably among the various academic areas. In general, the science areas were considerably more expensive than the liberal arts areas. At the freshman-sophomore level, the two-year terminal technology programs were also more expensive than other areas. Statewide average costs per freshman-sophomore student credit hour by academic area were as follows:

Agriculture	\$19.85
Architecture	27.72
Biological Sciences	12.79
Business & Management	11.19
Education	15.39
Engineering	30.73
Fine and Applied Arts	19.08
Foreign Languages	16.42
Health Professions	14.21
Home Economics	13.97
Letters (English)	11.38
Mathematics	12.06
Physical Sciences	16.24
Psychology	8.64
Public Affairs & Services	8.94
Social Sciences	9.35
Interdisciplinary Studies	16.26
Business & Commerce Technology	15.64
Data Processing Technology	53.95
Health Services & Paramedical Technology (2-year)	37.41
Mechanical & Engineering Technology (programs)	36.58
Natural Science Technology	21.94

The highest costs per junior-senior student credit hour were in Engineering (\$44), Foreign Languages (\$39), Architecture (\$35), Health Professions (\$35), Physical Sciences (\$34), and Fine and Applied Arts (\$30). The lowest costs per student credit hour were in the areas of Psychology (\$13),

Public Affairs & Services (\$13), Social Sciences (\$15), and Business and Management (\$16).

The highest costs per student credit hour at the master's level were in Engineering (\$129), Physical Sciences (\$105), and Foreign Languages (\$103). The lowest costs per student credit hour were in Education (\$33), Psychology (\$34), Business and Management (\$41), and Library Science (\$41).

The average cost per student credit hour professional law was \$15.16. This low cost per student credit hour in law may be attributed largely to significant increases in law enrollments.

The highest costs per student credit hour at the doctoral level were in Engineering (\$231), Physical Sciences (\$192), Home Economics (\$175), and Mathematics (\$170). The lowest costs per student credit hour were in Psychology (\$51), Letters (\$75), and Education (\$76).

Detailed costs by institution, academic area, and course level may be found in Section III.

SECTION II

COMPARISON OF 1969 AND 1971 COSTS PER STUDENT CREDIT HOUR

The average cost per student credit hour increased from \$16.91 to \$18.38 or 9 percent from fall 1969 to 1971. Much of this increase in cost may be attributed to increases in faculty salaries. There was some variation in cost increases by course level and by academic area.

VARIATION IN COST BY LEVEL AND INSTITUTION 1969 TO 1971

The average cost per freshman-sophomore student credit hour increased by \$0.88 from 1969 to 1971 (from \$12.65 to \$13.53). This represents a 7 percent increase in cost. The numeric and percentage increases by institution are as follows:

<u>Institution</u>	<u>1969</u>	<u>1971</u>	<u>Numeric Increase</u>	<u>% Increase</u>
APSU	9.61	12.55	\$ 2.94	31
ETSU	12.32	13.94	1.62	13
MSU	13.81	13.93	0.12	1
MTSU	13.48	14.48	1.00	7
TSU	12.33	12.41	0.08	1
TTU	11.07	11.86	0.79	7
UT Chatt.	13.20	14.85	1.65	13
UT Knoxville	12.24	12.75	0.51	4
UT Martin	11.12	14.82	3.70	33
UT Nashville	26.37	13.49	-12.88	-49
Total Universities	12.61	13.47	0.86	7

(Cont.) <u>Institution</u>	<u>1969</u>	<u>1971</u>	<u>Numeric Increase</u>	<u>% Increase</u>
Cleveland	12.92	12.64	\$-0.28	-2
Columbia	12.58	15.67	3.09	25
Dyersburg	--	13.44	--	--
Jackson	14.63	15.51	0.88	6
Motlow	--	12.98	--	--
Roane	--	17.54	--	--
Volunteer	--	13.75	--	--
Walters	--	11.18	--	--
Total Community Colleges	13.31	14.11	0.80	6
Total All Institutions	12.65	13.53	0.88	7

The average cost per junior-senior student credit hour increased by \$0.72 from 1969 to 1971 (from \$20.30 to \$21.02). This increase of 4 percent was about half the percentage increase in cost experienced at the freshman-sophomore level. The numeric and percentage increases by institution are as follows:

<u>Institution</u>	<u>1969</u>	<u>1971</u>	<u>Numeric Increase</u>	<u>% Increase</u>
APSU	16.91	17.97	\$ 1.06	6
ETSU	21.26	21.47	0.21	1
MSU	20.16	22.61	2.45	12
MTSU	18.05	18.00	-0.05	--
TSU	17.47	20.02	2.55	15
TTU	19.64	22.13	2.49	13
UT Chatt.	22.33	24.11	1.78	8
UT Knoxville	22.14	21.69	-0.45	-2
UT Martin	17.06	19.85	2.79	16
UT Nashville	35.65	18.27	-17.38	-49
Total Universities	20.30	21.02	0.72	4

The average cost per master's student credit hour increased by \$5.39 from 1969 to 1971 (from \$46.97 to \$52.36). This represents an 11 percent increase. The numeric and percentage increases by institution are as follows:

<u>Institution</u>	<u>1969</u>	<u>1971</u>	<u>Numeric Increase</u>	<u>% Increase</u>
APSU	36.04	43.07	\$ 7.23	20
ETSU	43.63	40.73	-2.90	-7
MSU	43.64	55.98	12.34	28
MTSU	35.74	28.92	-6.82	-19
TSU	46.05	41.38	-4.67	-10
TTU	49.70	71.63	21.93	44
UT Chatt.	60.87	24.17	-36.70	-60
UT-Knoxville	49.63	60.20	10.57	21
UT Martin	35.22	30.87	- 4.35	-12
UT Nashville	62.76	25.35	-37.41	-60
Total Universities	46.97	52.36	5.39	11

The average cost of professional level law decreased by \$5.91 from \$21.07 in 1969 to \$15.16 in 1971. This 28 percent decrease can be attributed to the rapid growth in law school enrollments.

The average cost per doctoral level student credit hour increased by \$6.43 from \$111.73 on 1969 to \$118.16 in 1971. This 6 percent increase by institution is as follows:

<u>Institution</u>	<u>1969</u>	<u>1971</u>	<u>Numeric Increase</u>	<u>% Increase</u>
ETSU	--	59.71	--	--
MSU	96.16	112.96	16.80	17
MTSU	--	51.40	--	--
UT Knoxville	112.77	123.72	10.95	10
Total Universities	111.73	118.16	6.43	6

COST VARIATIONS BY ACADEMIC AREA 1969 TO 1971

The largest increases in cost per student credit hour from 1969 to 1971 were in Engineering, Foreign Languages, Data Processing Technology, Mechanical Engineering Technology, and Natural Science Technology. It is important to note that the number of student credit hours produced in Engineering and Foreign Languages declined from 1969 to 1971.

Almost 90 percent of all student credit hours are produced in ten academic areas--Biological Sciences, Business and Management, Education, Engineering, Fine and Applied Arts, Letters, Mathematics, Physical Science, Psychology, and Social Science. A comparison of costs per student credit hour for 1969 to 1971 by course level for these academic areas by institution may be found in Section III.

SECTION III
DETAILED TABLES

Tables 1-5 show total instructional cost per student credit hour for fall 1971 by course level, academic area, and institution.

Tables 6-59 show comparative data for 1969 and 1971 by course level and institution for the following academic areas: Biological Sciences, Business and Management, Education, Engineering, Fine and Applied Arts, Letters, Mathematics, Physical Science, Psychology, and Social Sciences. Data shown on these tables includes:

- a. Direct Teaching Cost Per Student Credit Hour. Only teaching salaries are included.
- b. Total Instructional Cost Per Student Credit Hour. Teaching salaries, other faculty salaries, clerical salaries and equipment and supplies budgeted in the Instruction and Departmental Research budget function are included.
- c. FTE Student - FTE Teaching Faculty Ratio. Undergraduate student credit hours produced by level were divided by fifteen and graduate student credit hours were divided by twelve to obtain FTE students. FTE teaching faculty was calculated by accumulating effort spent in teaching activities.
- d. Student Credit Hours Produced Per FTE Teaching Faculty. Total hours produced fall term divided by number of FTE teaching faculty.
- e. Student Credit Hours Produced. Total hours produced fall term.

- f. Weighted Average Size of Class.
- g. Average Salary Per FTE Teaching Faculty. Fall quarter salary.
- h. Number of FTE Teaching Faculty.

TABLE 1
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVEL 1 LOWER LEVEL
08/05/72

TAXONOMY	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	
AGRICULTURE	25.43			10.31	23.33	26.32		16
ARCHITECTURE								27
AREA STUDIES							10.97	33
BIOLOGICAL SCIENCES	10.92	13.38	4.52	14.22	11.50	7.92	15.88	13
BUSINESS & MANAGEMENT	9.65	13.83	12.30	14.04	9.51	10.07	13.44	9
COMMUNICATIONS		12.27	26.43	37.96				23
COMPUTER SCIENCES		15.04			9.72	44.31		5
EDUCATION	14.04	14.17	17.62	13.07	12.75	13.76	17.24	14
ENGINEERING		26.43	32.15	18.47	34.25	24.55	46.25	13
FINE AND APPLIED ARTS	20.96	16.25	17.26	28.53	18.13	27.06	23.32	19
FOREIGN LANGUAGES	15.47	21.68	15.53	22.93	14.33	19.60	17.18	14
HEALTH PROFESSIONS		11.16	90.12		5.68			23
HOME ECONOMICS	34.06	15.71	11.87	14.51	23.53	12.56	9.44	17
LAW								
LETTERS	11.90	12.22	11.84	13.59	10.47	8.82	12.93	13
LIBRARY SCIENCE					4.11			
MATHEMATICS	11.68	15.92	14.26	17.01	8.74	11.23	13.08	8
MILITARY SCIENCE	10.65	2.57	1.66	3.37		4.68	17.02	
PHYSICAL SCIENCE	16.32	23.21	19.87	14.61	19.04	11.17	18.10	19
PSYCHOLOGY	6.95	10.03	10.54	8.33	14.88	9.48	12.75	6
PUBLIC AFFAIRS AND SERVICES		5.72	16.48		11.78			
SOCIAL SCIENCES	8.63	9.55	9.97	12.50	7.79	8.91	11.56	7
TECHNOLOGY								
INTERDISCIPLINARY STUDIES		14.05				8.88	1.15	18
BUSINESS & COMMERCE TECH.						18.18		
DATA PROCESSING TECH.							9.03	
HEALTH SERVICES & PARAMEDICAL	79.86	60.48	24.25	43.96	31.67			49
MECHANICAL & ENGINEERING TECH.								
NATURAL SCIENCE TECH.								
PUBLIC SERVICE RELATED TECH.				194.17				
TOTAL	12.55	13.94	13.93	14.48	12.41	11.86	14.85	12

TABLE 1
 TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
 LEVEL I - LOWER LEVEL
 08/05/72

APSU	ETSU	MSU	MTSU	TSU	TJU	UT CHATT	UT KNOX	UT MARTIN	UT VASH.	TOTAL
25.43			10.31	23.33	26.32		16.05	23.70		19.08
							27.72			27.72
						10.97	33.36			13.80
10.02	13.38	4.52	14.22	11.50	7.92	15.88	19.08	9.61	12.86	13.17
9.65	13.83	12.30	14.04	9.59	10.77	13.44	9.62	16.69	10.53	11.50
	12.27	26.43	37.90				23.29	11.56	12.60	21.19
	15.04			9.72	44.31		5.49	12.50		11.39
14.04	14.17	17.62	13.07	12.75	13.76	17.24	16.11	20.33	20.32	15.32
	26.43	32.15	18.47	34.25	24.55	46.25	33.47	38.24	21.54	33.72
20.96	16.35	17.24	28.53	18.13	27.06	23.53	15.87	32.49	9.44	19.20
15.47	21.68	15.53	22.93	14.33	19.60	17.18	16.03	14.29	9.99	16.27
	11.16	90.12		5.62			29.55			14.21
34.06	15.71	11.87	14.51	23.53	12.56	9.44	12.69	15.84		13.80
11.90	12.22	11.84	13.59	10.47	8.82	12.93	10.50	12.12	10.51	11.45
				4.11						4.11
11.68	15.92	14.26	17.01	8.74	11.23	13.08	9.02	12.28	13.89	12.08
10.65	2.57	1.66	3.37		4.68	17.02	3.28	6.43		3.36
16.32	23.21	19.87	14.61	19.04	11.17	18.10	15.46	12.28	14.46	16.17
6.75	10.03	10.54	8.33	14.88	9.48	12.75	6.63	8.50	5.64	8.98
	5.72	16.48		11.78						8.55
8.63	9.55	9.97	12.50	7.79	8.91	11.56	7.02	10.95	6.91	9.32
	14.05				8.88	1.15	16.31	34.79		16.14
				18.18						18.18
						9.03				9.03
79.86	60.48	24.25	43.96	31.67			49.66	38.31	41.01	40.55
			194.17							194.17
12.55	13.94	13.93	14.48	12.41	11.86	14.85	12.75	14.82	13.49	13.47

- f. Weighted Average Size of Class.
- g. Average Salary Per FTE Teaching Faculty. Fall quarter salary.
- h. Number of FTE Teaching Faculty.

TABLE 1
 TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
 LEVEL 1 LOWER LEVEL
 08/05/72

TAXONOMY	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
AGRICULTURE			65.83	37.51				
ARCHITECTURE								
AREA STUDIES								
BIOLOGICAL SCIENCES	8.45	9.30	10.01	13.87	11.97	14.72	7.59	14.22
BUSINESS & MANAGEMENT	7.43	7.17	5.71	10.22	8.71	10.44		8.73
COMMUNICATIONS				17.14				
COMPUTER SCIENCES								
EDUCATION	18.04	14.70	13.36	19.20	11.83	11.84	13.16	13.46
ENGINEERING						62.54		
FINE AND APPLIED ARTS	15.91	18.81	16.88	18.06	19.28	15.85	17.31	12.97
FOREIGN LANGUAGES	21.15	17.08	30.07	18.76	12.01	16.13	26.81	14.72
HEALTH PROFESSIONS								
HOME ECONOMICS				30.99			30.85	
LAW								
LETTERS	11.62	9.99	10.75	10.68	10.20	13.30	9.89	9.21
LIBRARY SCIENCE								4.67
MATHEMATICS	12.38	14.46	11.72	12.00	8.91	16.64	14.51	11.15
MILITARY SCIENCE								
PHYSICAL SCIENCE	13.01	21.66	24.06	19.43	14.25	26.36	31.19	20.17
PSYCHOLOGY	6.14	6.38	7.98	5.70	5.73	10.28	6.15	8.36
PUBLIC AFFAIRS AND SERVICES	25.98							
SOCIAL SCIENCES	8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.75
TECHNOLOGY								
INTERDISCIPLINARY STUDIES	22.85					23.06	43.51	
BUSINESS & COMMERCE TECH.	13.02	17.73	22.50	16.09	14.76	22.81	11.61	19.00
DATA PROCESSING TECH.	56.18	67.42	43.68	60.81	79.47		44.30	
HEALTH SERVICES & PARAMEDICAL	27.68	27.11		33.70				
MECHANICAL & ENGINEERING TECH.	26.14	44.84	51.49	33.43	23.77	48.99	50.34	13.40
NATURAL SCIENCE TECH.		21.94					15.21	19.65
PUBLIC SERVICE RELATED TECH.	7.57							9.48
TOTAL	12.64	15.67	13.44	15.51	12.98	17.54	13.75	11.18

TABLE 1
 TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
 LEVEL 1 LOWER LEVEL
 08/05/72

CL. EV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
		65.83	37.51					46.73	19.85 27.72 13.80
8.45	9.30	10.01	13.87	11.97	14.72	7.59	14.22	10.32	12.79
7.43	7.17	5.71	10.22	8.71	10.44		8.73	7.76	11.19
			17.14					17.14	21.16 10.39
18.04	14.70	13.36	19.20	11.83	11.84	13.16	13.46	16.08	15.39
					62.54				30.72
15.91	18.81	16.88	18.06	19.28	15.85	17.31	12.97	17.72	19.08
21.15	17.08	30.07	18.76	12.01	16.13	26.81	14.72	20.11	16.42
			30.99			30.85		30.99	14.21 13.97
11.62	9.99	10.75	10.68	10.20	13.30	9.89	9.21	10.73	11.38
							4.67		4.11
12.38	14.46	11.72	12.00	8.91	16.64	14.51	11.15	11.88	12.06
									3.36
13.01	21.66	24.06	19.43	14.25	26.36	31.19	20.17	17.76	16.24
6.14	6.38	7.98	5.70	5.73	10.28	6.15	8.36	6.28	8.64
25.98								25.98	8.94
8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.75	9.68	9.35
22.85					23.06	43.51		22.85	16.24
13.02	17.73	22.50	16.09	14.76	22.81	11.61	19.00	15.53	15.64
56.18	67.42	43.68	60.81	79.47		44.30		61.34	53.95
27.68	27.11		33.70					28.11	37.41
26.14	44.84	51.49	33.43	23.77	48.99	50.34	13.40	36.58	36.58
	21.94					15.21	19.65	21.94	21.94
7.57							9.48	7.57	14.80
12.64	15.67	13.44	15.51	12.98	17.54	13.75	11.18	14.11	13.53

TABLE 2
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVEL 2 UPPER LEVEL
08/05/72

TAXONOMY	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX
AGRICULTURE	25.85			18.93	25.75	35.22		22.41
ARCHITECTURE								35.18
AREA STUDIES							9.05	
BIOLOGICAL SCIENCES	16.44	27.33	17.18	13.39	27.15	13.27	40.04	24.75
BUSINESS & MANAGEMENT	11.45	15.98	19.22	15.75	19.07	12.76	12.28	16.36
COMMUNICATIONS		26.40	30.48	21.84				34.71
COMPUTER SCIENCES		24.08	14.09	18.34	6.74			17.51
EDUCATION	17.29	19.45	20.24	19.48	25.80	13.80	27.35	17.49
ENGINEERING		34.33	52.59	29.84	54.95	42.45	43.43	45.67
FIN. AND APPLIED ARTS	32.68	25.74	33.01	23.96	54.94	13.20	29.37	34.34
FOREIGN LANGUAGES	105.61	38.52	28.75	33.46	100.74	95.57	67.85	35.15
HEALTH PROFESSIONS		34.66	368.67	37.64	11.35			31.54
HOME ECONOMICS	41.36	43.09	14.80	27.25	41.01	17.62	11.27	22.56
LAW								
LETTERS	19.23	21.72	22.19	16.59	15.83	18.96	26.38	15.55
LIBRARY SCIENCE	26.79	27.73	29.60	11.54	14.24	15.66		28.69
MATHEMATICS	23.56	35.74	23.20	19.97	18.53	20.54	36.45	18.57
MILITARY SCIENCE	16.06	4.46	3.17	4.32		5.71	17.60	2.95
PHYSICAL SCIENCE	32.13	48.97	35.37	38.17	42.65	21.39	60.24	30.66
PSYCHOLOGY	14.76	13.39	23.03	10.55	14.21	12.39	23.22	6.96
PUBLIC AFFAIRS AND SERVICES		11.77	32.96	11.70	5.68			
SOCIAL SCIENCES	12.56	15.45	16.27	14.57	9.18	16.93	21.48	14.34
THEOLOGY								
INTERDISCIPLINARY STUDIES		16.09					4.47	38.07
BUSINESS & COMMERCE TECH.								
DATA PROCESSING TECH.								
HEALTH SERVICES & PARAMEDICAL								86.02
MECHANICAL & ENGINEERING TECH.								
NATURAL SCIENCE TECH.								
PUBLIC SERVICE RELATED TECH.								
TOTAL	17.97	21.46	22.61	18.00	20.02	22.13	24.11	21.69

TABLE 2
 TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
 LEVEL 2 UPPER LEVEL
 08/05/72

APSU	FTSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
25.85			18.73	25.75	35.27		22.41	26.75		23.60
							35.18			35.18
						9.05				9.05
16.44	27.33	17.14	13.39	27.15	13.27	40.04	24.76	20.90	35.84	21.04
11.45	15.98	19.22	15.76	10.03	12.76	12.28	16.36	16.46	14.53	16.02
	26.40	30.48	21.84				34.71	35.79	23.36	29.86
	24.08	14.09	18.34	6.74			17.61	15.45		16.26
17.29	19.45	20.24	19.48	25.80	19.80	27.35	17.49	19.33	17.98	19.38
	34.33	52.59	29.84	54.95	42.43	43.43	45.61	45.24	30.05	44.39
32.68	25.74	33.01	23.96	54.94	19.20	29.37	34.34	36.16	37.52	30.15
105.51	38.52	28.75	33.46	100.74	95.57	67.85	35.15	37.45	27.76	38.56
	34.66	368.67	37.64	11.35			31.54			35.20
41.34	43.69	14.80	27.25	41.01	17.62	11.27	22.56	31.12		24.83
19.23	21.72	22.19	16.59	15.83	18.96	26.38	15.55	17.60	25.86	18.57
26.79	27.73	29.60	11.54	14.24	15.66		28.69	10.84	34.83	24.59
23.56	35.74	23.20	19.97	18.53	20.54	36.45	18.56	20.73	42.77	22.29
16.06	4.46	3.17	4.32		5.71	17.60	2.95	6.41		4.47
32.13	48.97	35.37	38.17	42.65	21.39	60.24	30.66	33.12	21.60	33.88
14.76	13.39	23.03	10.55	14.21	12.39	23.22	6.96	16.57	8.60	12.63
	11.77	32.96	11.70	5.68				8.73		12.76
12.56	15.45	16.27	14.57	9.18	16.93	21.48	14.34	13.78	16.05	14.67
	16.09								24.42	24.42
						4.47	38.07			15.12
							86.02			86.02
17.97	21.46	22.61	18.00	20.02	22.13	24.11	21.69	19.85	18.27	21.02

TABLE 3
 TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
 LEVELS 3 & 5 MASTERS AND PROFESSIONAL
 08/05/72

TAXCACHY	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.
AGRICULTURE				33.84	92.40			79.90
ARCHITECTURE								79.55
AREA STUDIES								
BIOLOGICAL SCIENCES	61.21	52.91	110.61	34.72	130.35	66.72	180.40	92.45
BUSINESS & MANAGEMENT		31.09	83.18	35.01			17.50	37.45
COMMUNICATIONS			32.38					61.96
COMPUTER SCIENCES		54.96	21.62	20.98				37.03
EDUCATION	31.89	32.75	38.09	25.91	28.07	31.50	24.10	35.49
ENGINEERING		56.43	105.37	18.48		206.40		121.04
FINE AND APPLIED ARTS.	168.09	51.62	91.60	43.03	129.07			89.02
FOREIGN LANGUAGES			108.27		256.21			94.69
HEALTH PROFESSIONALS		30.14	38.15	19.30	28.38			73.60
HOME ECONOMICS				61.46	205.82			75.82
LAW			10.44					19.46
LETTERS	84.02	48.97	55.84	30.50	75.85	76.72		57.58
LIBRARY SCIENCE		45.85	25.40	26.43		23.54		45.30
MATHEMATICS	167.84	25.46	70.74	46.64		66.37	60.65	55.59
MILITARY SCIENCE								2.87
PHYSICAL SCIENCE		337.50	75.85	115.61	498.67	87.77		106.01
PSYCHOLOGY	27.77	37.77	74.46	16.88	17.09	22.51		39.05
PUBLIC AFFAIRS AND SERVICES		97.06		27.75				49.00
SOCIAL SCIENCES	36.85	54.76	54.96	36.11	44.37	78.39		60.79
THEOLOGY								
INTERDISCIPLINARY STUDIES								86.52
BUSINESS & COMMERCE TECH.								
DATA PROCESSING TECH.								
HEALTH SERVICES & PARAMEDICAL								
MECHANICAL & ENGINEERING TECH.								
NATURAL SCIENCE TECH.								
PUBLIC SERVICE RELATED TECH.								
TOTAL	43.07	40.73	55.98	28.92	41.38	71.63	24.17	60.20

TABLE 3
 TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
 LEVELS 3 & 5 MASTERS AND PROFESSIONAL
 08/05/72

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
			33.84	92.40			79.90			31.22
							79.55			79.55
61.21	52.91	110.61	34.72	130.35	66.72	180.40	92.45			80.09
	31.09	83.18	35.01			17.50	37.45	50.26	21.76	40.87
		32.38					61.96			50.35
	54.96	21.62	20.98				37.03			34.18
31.89	32.75	38.09	25.91	28.07	31.50	24.10	35.49	25.28	21.48	33.03
	56.43	105.37	18.48		206.40		121.04		74.53	129.26
168.09	51.62	91.60	43.03	129.07			89.02			88.36
		108.27		256.21			94.69	184.35		103.12
	30.14	38.15	19.30	28.38			73.60			43.71
			61.46	205.82			75.82	119.24		78.37
		10.44					19.46			15.16
84.02	48.97	55.84	30.50	75.85	76.72		57.58			54.93
	45.85	25.40	26.43		23.54		45.30			40.88
167.84	25.46	70.74	46.64		66.37	60.65	55.59		45.06	54.88
							2.87			2.87
	337.50	75.85	115.61	498.67	87.77		106.01			104.98
27.77	37.77	74.46	16.88	17.09	22.51		39.05		20.91	34.04
	97.06		27.75				49.00		33.60	48.39
36.85	54.76	54.96	36.11	44.37	78.39		60.79			54.59
							86.52			86.52
43.07	40.73	55.98	28.92	41.38	71.63	24.17	60.20	30.87	25.35	52.36

TABLE 4
 TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
 LEVEL 4 DOCTORAL
 08/04/72

TAXONOMY	APSU	FTSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX
AGRICULTURE								147.67
ARCHITECTURE								
AREA STUDIES								
BIOLOGICAL SCIENCES								158.41
BUSINESS & MANAGEMENT								147.75
COMMUNICATIONS								
COMPUTER SCIENCES								
EDUCATION		59.71	95.57	42.92				78.68
ENGINEERING								231.16
FINE AND APPLIED ARTS								
FOREIGN LANGUAGES								137.73
HEALTH PROFESSIONS								87.93
HOME ECONOMICS								175.09
LAW								
LETTERS								
LIBRARY SCIENCE				108.54				73.69
MATHEMATICS								170.36
MILITARY SCIENCE								
PHYSICAL SCIENCE				141.93				203.42
PSYCHOLOGY				114.74				46.94
PUBLIC AFFAIRS AND SERVICES								
SOCIAL SCIENCES				301.21	81.04			106.04
TECNOLOGY								
INTERDISCIPLINARY STUDIES								96.93
BUSINESS & COMMERCE TECH.								
DATA PROCESSING TECH.								
HEALTH SERVICES & PARAMEDICAL								
MECHANICAL & ENGINEERING TECH.								
NATURAL SCIENCE TECH.								
PUBLIC SERVICE RELATED TECH.								
TOTAL		59.71	112.96	51.40				123.72

TABLE 4
 TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
 LEVEL 4 DOCTORAL
 08/04/72

APSU	FTSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
							147.67			147.67
							158.41			158.41
							147.75			147.75
	59.71	95.57	42.92				78.68			76.27
							231.16			231.16
							137.73			137.73
							87.93			87.93
							175.09			175.09
			108.54				73.69			75.21
							170.36			170.36
		141.93					203.42			191.73
		114.74					46.94			51.29
		301.21	81.04				106.04			108.84
							96.93			96.93
	59.71	112.96	51.40				123.72			118.16

TABLE 5
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
TOTAL ALL LEVELS
08/05/72

CATEGORY	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.
AGRICULTURE	25.66			16.85	32.30	30.57		34.15
ARCHITECTURE								35.65
AREA STUDIES							10.15	33.36
BIOLOGICAL SCIENCES	13.68	18.04	15.01	15.42	15.62	12.25	20.60	29.59
BUSINESS & MANAGEMENT	10.45	16.06	18.11	16.43	9.78	11.92	13.11	16.17
COMMUNICATIONS		16.12	28.38	26.67				32.38
COMPUTER SCIENCES		20.99	14.18	18.47	7.33	44.31		12.11
EDUCATION	17.23	19.24	23.96	17.72	19.29	18.72	20.58	23.30
ENGINEERING		32.19	46.43	22.48	44.65	51.24	45.14	57.90
FINE AND APPLIED ARTS	25.99	19.27	23.34	26.33	25.15	24.23	24.29	21.54
FOREIGN LANGUAGES	25.23	26.16	19.16	25.58	22.23	24.53	19.62	24.17
HEALTH PROFESSIONS		29.34	48.27	37.25	11.64			42.68
HOME ECONOMICS	40.02	22.11	12.49	20.99	33.55	14.31	10.07	26.95
LAW			10.44					19.46
LETTERS	13.96	14.18	13.64	14.64	11.97	10.13	14.95	13.16
LIBRARY SCIENCE	26.79	35.57	29.47	13.49	5.34	18.70		35.14
MATHEMATICS	14.38	17.82	16.01	18.59	9.42	13.04	15.07	13.39
MILITARY SCIENCE	11.94	2.89	1.92	3.52		4.97	17.34	3.07
PHYSICAL SCIENCE	19.56	29.85	26.01	17.95	28.50	14.46	21.10	25.35
PSYCHOLOGY	10.21	12.69	18.67	10.76	15.18	12.28	15.13	10.98
PUBLIC AFFAIRS AND SERVICES		10.85	24.95	14.98	6.29			49.00
SOCIAL SCIENCES	10.31	11.75	13.59	14.03	8.60	10.86	13.67	12.71
THEOLOGY								
INTERDISCIPLINARY STUDIES		14.58				8.88	1.48	69.56
BUSINESS & COMMERCE TECH.						18.18		
DATA PROCESSING TECH.							9.03	
HEALTH SERVICES & PARAMEDICAL	79.86	60.48	24.25	43.96	31.67			56.12
MECHANICAL & ENGINEERING TECH.								
NATURAL SCIENCE TECH.								
PUBLIC SERVICE RELATED TECH.				194.17				
TOTAL	15.28	17.65	18.92	16.60	15.75	17.63	16.95	21.93

TABLE 5
 TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
 TOTAL ALL LEVELS
 08/05/72

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX	UT MARTIN	UT NASH.	TOTAL
25.66			16.85	32.30	30.57		34.15	25.04		29.27
							35.65			35.65
						10.15	33.36			11.93
13.68	18.04	15.01	15.42	15.62	12.25	20.60	29.59	11.85	13.94	18.56
10.45	16.06	18.11	16.43	9.78	11.92	13.11	16.17	16.87	13.43	15.61
	16.12	28.38	26.67				32.38	18.52	16.37	26.16
	20.99	14.18	18.47	7.33	44.31		12.11	12.70		15.13
17.23	19.24	23.96	17.72	19.29	18.77	20.58	23.30	20.42	19.83	20.80
	32.19	46.43	22.48	44.65	51.24	45.14	57.90	39.22	31.83	49.33
25.99	19.27	23.34	26.33	25.15	24.23	24.29	21.54	32.60	12.32	23.17
25.23	26.16	19.16	25.58	22.23	24.53	19.62	24.17	17.25	11.46	21.68
	29.04	48.27	37.25	11.64			42.68			34.07
40.02	22.11	12.49	20.99	33.55	14.31	10.07	26.95	24.08		22.33
		13.44					19.46			15.16
13.96	14.18	13.64	14.64	11.97	10.13	14.95	13.16	12.60	11.34	13.31
26.79	35.57	29.47	13.49	5.34	18.70		35.18	10.84	34.83	28.33
14.38	17.82	16.01	18.59	9.42	13.04	15.07	13.39	12.71	16.07	14.57
11.94	2.89	1.92	3.52		4.97	17.34	3.07	6.42		3.71
19.56	29.85	26.01	17.95	28.50	14.46	21.10	25.35	14.41	15.31	22.65
10.21	12.69	18.67	10.76	15.18	12.28	15.13	10.98	10.13	6.94	12.85
	10.85	24.95	14.98	6.29			49.00	8.73	33.60	25.27
10.31	11.75	13.59	14.03	8.60	10.86	13.67	12.71	11.50	8.18	12.29
									24.42	24.42
	14.58				8.88	1.48	69.56	34.79		24.43
				18.18						18.18
						9.03				9.03
79.86	60.48	24.25	43.96	31.67			56.12	38.31	41.01	41.75
			194.17							194.17
15.28	17.65	18.92	16.60	15.75	17.63	16.95	21.93	16.40	15.57	18.66

TABLE 5
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
TOTAL ALL LEVELS
08/05/72

TAXONOMY	CLIF.	COL.	DYERS.	JACK.	MOTLOW	POCAF	ROL.	WAITERS	TOTAL C. C.	TOTAL ALL
AGRICULTURE			65.83	37.51					46.73	29.46
ARCHITECTURE										35.85
AREA STUDIES										11.93
BIOLOGICAL SCIENCES	8.45	9.30	10.01	13.97	11.97	14.72	7.59	14.22	10.32	17.21
BUSINESS & MANAGEMENT	7.43	7.17	5.71	10.22	8.71	10.44		8.73	7.76	15.23
COMMUNICATIONS				17.14					17.14	26.13
COMPUTER SCIENCES										15.13
EDUCATION	18.04	14.70	13.36	19.20	11.83	11.84	13.16	13.46	16.08	20.62
ENGINEERING						62.54				49.33
FINE AND APPLIED ARTS	15.91	18.81	16.98	18.06	19.28	15.85	17.31	12.97	17.72	22.83
FOREIGN LANGUAGES	21.15	17.08	30.07	18.76	12.01	16.13	26.81	14.72	20.11	21.62
HEALTH PROFESSIONS										34.07
HOME ECONOMICS				30.99			30.85		30.99	22.37
LAW										15.16
LETTERS	11.62	9.99	10.75	10.68	10.20	13.30	9.89	9.21	10.73	13.09
LIBRARY SCIENCE								4.67		28.33
MATHEMATICS	12.38	14.46	11.72	12.00	8.91	16.64	14.51	11.15	11.88	14.37
MILITARY SCIENCE										3.71
PHYSICAL SCIENCE	13.01	21.66	24.06	19.43	14.25	26.36	31.19	20.17	17.76	22.46
PSYCHOLOGY	6.14	6.38	7.58	5.70	5.73	10.28	6.15	8.36	6.28	12.31
PUBLIC AFFAIRS AND SERVICES	25.98								25.98	25.27
SOCIAL SCIENCES	8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.75	9.68	12.14
THEOLOGY										24.42
INTERDISCIPLINARY STUDIES	22.85					23.06	43.51		22.85	24.42
BUSINESS & COMMERCE TECH.	13.02	17.73	22.50	16.09	14.76	22.91	11.61	19.00	15.53	15.64
DATA PROCESSING TECH.	56.18	67.42	43.68	60.91	79.47		44.30		61.34	53.95
HEALTH SERVICES & PARAMEDICAL	27.68	27.11		33.70					28.11	38.37
MECHANICAL & ENGINEERING TECH.	26.14	44.84	51.49	33.43	23.77	48.99	50.34	13.40	36.58	36.58
NATURAL SCIENCE TECH.		21.94					15.21	19.65	21.94	21.94
PUBLIC SERVICE RELATED TECH.	7.57							9.48	7.57	14.80
TOTAL	12.64	15.67	13.44	15.51	12.98	17.54	13.75	11.18	14.11	18.38

TABLE 6
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		BIOLOGICAL SCIENCES				LEVEL 1 LOWER LEVEL			
		APSU	ETSU	MSU	MTSU	TSU	TTU	JT CHATT.	JT KNOX.
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	6.37	6.81	6.41	7.30	7.66	4.72	4.13	5.87
	1971	7.31	8.51	5.10	9.13	6.56	4.42	3.25	7.63
PERCENT CHANGED		14.85	24.92	-20.36	25.14	-14.35	-6.27	13.77	29.71
TOTAL INSTRUCTIONAL	1969	9.31	10.45	10.72	14.09	16.08	7.14	12.58	16.78
	1971	10.02	13.38	9.52	14.22	11.50	7.72	15.88	19.58
PERCENT CHANGED		7.57	23.26	-11.22	.92	-28.50	-13.39	25.78	13.69
FTE STUDENT-FACULTY RATIO	1969	47.24	26.45	25.71	26.07	29.21	40.18	24.78	28.23
	1971	29.93	29.13	34.47	24.73	35.78	39.88	27.94	23.04
PERCENT CHANGED		-36.64	13.17	34.04	-5.13	22.49	-7.4	12.73	-18.21
STUDENTS / FTE TEACH-FAC	1969	708.61	396.68	385.71	391.08	438.07	502.53	371.72	423.41
	1971	448.95	448.95	517.05	371.00	536.63	598.14	419.05	346.33
PERCENT CHANGED		-36.64	13.18	34.05	-5.13	22.50	-7.4	12.73	-18.21
STUDENT GRHS PRODUCED	1969	2,585	6,005	10,038	6,073	2,985	3,579	1,998	12,174
	1971	3,091	6,965	10,055	7,394	4,145	3,800	2,547	12,716
PERCENT CHANGED		19.57	15.99	.17	21.75	38.89	6.17	27.48	4.45
WEIGHTED AVG. CLASS SIZE	1969	27	36	34	35	30	52	42	23
	1971	39	32	39	28	27	48	45	19
PERCENT CHANGED		45.96	-12.18	14.65	-19.29	-8.75	-8.34	7.26	-13.17
AVG. SALARY/FTE TEACH	1969	4,512	2,701	2,472	2,854	3,354	2,843	3,022	2,486
	1971	3,283	3,819	2,639	3,389	3,519	2,544	3,976	2,643
PERCENT CHANGED		-27.23	+1.38	6.75	18.73	4.90	-6.98	23.26	6.28
NO. OF FTE TEACHING FAC.	1969	3,648	14,138	26,025	15,529	6,814	5,933	5,375	28,752
	1971	6,885	14,514	19,447	19,930	7,726	6,353	6,078	36,717
PERCENT CHANGED		88.73	2.48	-25.28	28.34	13.38	6.97	13.08	27.70

TABLE 6
 TRINITY HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1961-1971

BIOLOGICAL SCIENCES				LEVEL 1 LOWER LEVEL							TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.		
6.37	6.81	6.41	7.30	7.65	4.72	3.13	5.87	6.32	6.82	6.45	
7.31	8.51	5.10	9.13	6.56	4.42	3.25	7.63	5.88	8.87	7.09	
14.85	24.32	-20.36	25.14	-14.35	-6.27	13.77	29.71	-7.58	30.32	10.01	
9.31	10.45	10.72	14.09	16.08	3.14	12.58	16.78	8.03	18.81	12.63	
10.02	13.38	9.52	14.22	11.50	7.92	15.88	19.08	9.61	12.96	13.12	
7.57	23.26	-11.22	.42	-28.50	-13.39	26.22	13.69	11.37	-31.64	3.93	
47.24	26.45	25.71	26.07	29.21	40.18	24.78	28.23	32.31	32.32	28.69	
29.43	29.43	3.47	24.73	35.78	39.88	27.94	23.29	37.93	24.86	29.16	
-35.64	13.17	34.04	-5.13	22.49	-7.74	12.73	-18.21	15.67	-23.06	1.63	
708.61	376.68	385.71	391.08	438.07	502.63	371.72	423.41	492.20	484.73	430.33	
448.95	448.95	517.05	371.00	536.63	598.14	419.05	346.33	568.98	372.92	437.34	
-36.64	13.18	34.05	-5.13	22.50	-7.74	12.73	-18.21	15.60	-23.07	1.63	
2,585	6,005	10,038	6,073	2,985	3,579	1,998	12,174	5,266	365	51,068	
3,091	4,965	15,055	7,394	4,146	3,800	2,547	12,716	5,687	807	57,208	
19.57	15.99	.17	21.75	38.89	6.17	27.48	4.45	7.99	121.10	12.02	
27	30	34	35	30	52	42	23	43	26	31	
39	32	39	28	27	48	45	19	47	34	30	
45.96	-12.18	14.65	-19.29	-8.76	-8.34	7.26	-13.17	9.68	28.43	-4.33	
4,512	2,721	2,472	2,854	3,354	2,843	3,022	2,486	3,113	3,308	2,775	
3,283	3,819	2,639	3,389	3,519	2,544	3,976	2,643	3,343	3,309	3,103	
-27.23	-1.38	6.75	18.73	4.90	-6.98	23.26	6.28	7.40	.06	11.82	
3,648	14,138	26,025	15,529	6,814	5,939	5,375	28,752	10,699	.753	118,672	
6,985	14,514	19,447	19,930	7,726	6,353	6,078	36,717	9,995	2,164	130,809	
88.73	2.48	-25.28	28.34	13.38	6.97	13.08	27.70	-6.58	187.38	10.23	

TABLE 6
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		BIOLOGICAL SCIENCES			LEVEL I LOWER LEVEL				
		CLEV.	COL.	BYRS.	JACK.	MOTLOW	PLANE	VOL.	WALTERS
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	5.07	7.98		9.91				
	1971	6.51	5.48	9.25	8.93	9.77	7.41	6.46	11.11
PERCENT CHANGED		28.38	-31.30		-9.92				
TOTAL INSTRUCTIONAL	1969	6.72	10.25		24.13				
	1971	8.45	9.30	10.01	13.97	11.97	14.73	7.59	14.22
PERCENT CHANGED		25.70	-9.29		-42.50				
STUDENT-FACULTY RATIO	1969	31.84	22.01		17.79				
	1971	27.56	38.03	25.60	21.77	22.29	22.33	25.22	17.87
PERCENT CHANGED		-7.15	72.76		22.38				
STC,PHRS / FTE TEACH-FAC	1969	477.62	330.21		266.85				
	1971	443.46	570.51	383.96	326.59	334.36	334.90	378.29	280.03
PERCENT CHANGED		-7.15	72.77		22.39				
STUDENT CRHRS PRODUCED	1969	1,953	1,056		1,172				
	1971	2,408	1,865	996	1,486	871	214	673	643
PERCENT CHANGED		23.30	76.61		26.79				
WEIGHTED AVG. CLASS SIZE	1969	33	25		24				
	1971	29	50	28	34	25	24	27	21
PERCENT CHANGED		-11.12	98.51		37.55				
AVG SALARY/FTE TEACH	1969	2,421	2,636		2,645				
	1971	2,886	3,127	3,168	2,915	2,931	2,482	2,445	2,278
PERCENT CHANGED		19.27	18.65		10.23				
NO. OF FTE TEACHING FAC.	1969	4.089	3.198		4.392				
	1971	5.430	3.269	2.594	4.550	2.605	.639	1.594	2.399
PERCENT CHANGED		32.80	2.22		3.60				

TABLE 6
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES				LEVEL 1 LOWER LEVEL				TOTAL	TOTAL
CLEV.	COL.	RYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	C. C.	ALL
5.27	7.98		9.91					7.15	6.50
6.51	5.48	4.25	8.93	9.77	7.41	6.46	11.11	7.21	7.11
28.38	-31.30		-9.92					.73	9.31
6.72	10.25		24.13					12.49	12.62
8.45	9.30	10.01	13.97	11.97	14.73	7.50	14.22	10.32	12.79
25.70	-9.29		-42.50					-17.37	1.39
31.84	22.01		17.79					23.87	28.26
29.56	38.03	25.60	21.77	22.29	22.33	20.22	17.87	27.56	28.96
-7.15	72.76		22.38					15.47	2.48
477.62	330.21		266.85					357.99	423.85
443.46	570.51	383.96	326.59	334.36	334.90	378.29	280.03	413.38	434.38
-7.15	72.77		22.39					15.47	2.48
1,953	1,056		1,172					4,181	55,249
2,408	1,865	996	1,486	871	214	673	643	7,626	64,834
23.30	76.61		26.79					02.40	17.35
33	25		24					28	31
29	50	20	34	25	24	27	21	33	30
-11.12	98.51		37.55					15.86	-2.59
2,421	2,636		2,645					2,364	2,756
2,886	3,127	3,168	2,915	2,931	2,482	2,445	2,378	2,982	3,388
19.27	18.65		10.73					16.31	12.04
4.089	3.198		4.392					11.679	130.351
5.430	3.269	2.524	4.550	2.605	.639	1.594	2.399	18.448	149.257
32.80	2.22		3.60					57.96	14.50

TABLE 7
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		BIOLOGICAL SCIENCES				LEVEL 2 UPPER LEVEL			UT	UT
		APSU	ETSU	MSU	MTSU	TSU	TTU	CHATT.	KNOW.	
COST PER STUDENT CREDIT HOUR										
DIRECT TEACHING	1969	12.19	20.94	11.02	17.72	14.09	11.44	42.18	11.4	
	1971	13.43	19.86	10.57	13.45	16.84	9.16	35.13	13.5	
PERCENT CHANGED		10.21	-5.12	-4.07	-24.06	19.57	-19.94	-28.55	16.5	
TOTAL INSTRUCTIONAL	1969	15.51	29.47	16.46	25.58	25.89	17.48	48.89	23.5	
	1971	16.44	27.33	17.18	18.39	27.16	13.27	45.04	24.5	
PERCENT CHANGED		5.95	-7.26	4.36	-28.11	4.89	-24.07	-13.39	3.8	
FTE STDNT-FACULTY RATIO	1969	24.12	11.55	18.46	16.17	21.14	18.95	7.46	24.5	
	1971	22.14	14.74	22.03	22.76	17.74	27.23	9.24	19.5	
PERCENT CHANGED		-8.22	27.64	19.33	40.80	-16.10	43.68	23.71	-18.5	
STC'HRS / FTE TEACH-FAC	1969	361.80	173.21	276.86	242.49	317.15	284.29	111.96	360.5	
	1971	332.04	221.11	330.37	341.45	266.11	409.51	138.52	294.5	
PERCENT CHANGED		-8.22	27.65	19.33	40.81	-16.09	43.70	23.72	-18.5	
STUDENT CRHS PRODUCED	1969	1,000	1,394	3,203	856	477	1,397	307	2,660	
	1971	854	1,565	3,867	841	446	2,121	570	3,660	
PERCENT CHANGED		-14.60	12.27	20.73	-1.75	-6.50	51.83	85.67	38.5	
WEIGHTED AVG. CLASS SIZE	1969	21	15	22	21	18	24	13		
	1971	24	17	22	28	17	28	14		
PERCENT CHANGED		14.39	19.47	-1.21	28.19	-6.32	15.81	9.13	-7.5	
AVG. SALARY/FTE TEACH	1969	4,409	3,626	3,051	4,296	4,467	3,252	4,722	4,115	
	1971	4,459	4,392	3,492	4,593	4,482	3,740	4,174	3,915	
PERCENT CHANGED		1.15	21.12	14.47	6.92	.32	15.02	-11.61	-4.5	
NO. OF FTE TEACHING FAC.	1969	2,764	8,048	11,569	3,530	1,504	4,914	2,742	7,315	
	1971	2,572	7,078	11,705	2,463	1,676	5,192	4,115	12,515	
PERCENT CHANGED		-6.95	-12.05	1.18	-30.23	11.44	5.66	50.07	69.5	

TABLE 7
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES				LEVEL 2 UPPER LEVEL						TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	
12.19	20.94	11.02	17.72	14.09	11.44	42.18	11.46	29.19	25.00	14.83
13.43	19.86	10.57	13.45	16.84	9.16	30.13	13.35	15.96		13.74
10.21	-5.12	-4.07	-24.06	19.57	-19.94	-28.55	16.50	-45.31		-7.37
15.51	29.47	16.46	25.58	25.89	17.48	48.89	23.94	32.44	35.84	22.43
16.44	27.33	17.18	18.39	27.16	13.27	40.04	24.76	20.90		21.04
5.95	-7.26	4.36	-28.11	4.89	-24.07	-13.09	3.42	-35.57		-6.21
24.12	11.55	18.46	16.17	21.14	18.95	7.46	24.05	8.79	6.35	16.79
22.14	14.74	22.03	22.76	17.74	27.23	9.24	19.66	17.76		19.37
-8.22	27.64	19.33	40.80	-16.10	43.68	23.71	-18.26	102.01		15.34
361.80	173.21	276.86	242.49	317.15	284.29	111.96	360.69	131.84	95.24	251.84
332.04	221.11	330.37	341.45	266.11	408.51	138.52	294.83	266.43		290.50
-8.22	27.65	19.33	40.81	-16.09	43.70	23.72	-18.26	102.07		15.35
1,000	1,394	3,203	856	477	1,397	307	2,668	667	40	11,969
854	1,565	3,867	841	446	2,121	570	3,696	1,403		15,403
-14.60	12.27	20.73	-1.75	-6.50	51.83	85.67	38.53	110.34		28.69
21	15	22	21	18	24	13	21	13	8	20
24	17	22	28	17	28	14	20	23		21
14.39	19.47	-1.21	28.19	-6.32	15.81	9.13	-7.88	68.09		7.64
4,409	3,626	3,051	4,296	4,467	3,252	4,722	4,133	3,849	2,381	3,735
4,459	4,392	3,492	4,593	4,482	3,740	4,174	3,936	4,253		3,990
1.15	21.12	14.47	6.92	.32	15.02	-11.61	-4.76	10.49		6.84
2.764	8.048	11.569	3.530	1.504	4.914	2.742	7.397	5.059	.420	47.527
2.572	7.078	11.705	2.463	1.676	5.192	4.115	12.536	5.266		53.023
-6.95	-12.05	1.18	-30.23	11.44	5.66	50.07	69.47	4.09		11.56

TABLE 8
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		BIOLOGICAL SCIENCES			LEVELS 3 & 5 MASTERS AND PROFESSIONAL			UT CHATT.	TN KNOX
		APSU	ETSU	MSU	MTSU	TSU	TTU		
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	59.60	58.36	38.15	36.57	27.85	38.67	177.67	24.1
	1971	48.78	37.46	48.47	27.80	47.50	36.45	139.20	36.4
PERCENT CHANGED		-18.15	-35.61	27.07	-23.97	70.56	-5.73	-21.66	50.7
TOTAL INSTRUCTIONAL	1969	65.83	70.08	56.30	48.52	48.90	51.91	191.80	65.3
	1971	61.21	52.92	110.61	34.72	130.35	66.72	180.40	92.4
PERCENT CHANGED		-7.03	-24.49	96.47	-28.44	166.57	28.52	-5.54	41.5
FTE STUDENT-FACULTY RATIO	1969	6.15	5.42	8.37	10.81	13.76	8.50	1.94	15.6
	1971	8.04	10.06	8.21	14.73	8.48	9.76	1.54	9.4
PERCENT CHANGED		30.64	85.63	-1.97	36.26	-38.35	14.88	-20.29	-39.3
STCPRHS / FTE TEACH-FAC	1969	73.80	64.98	100.49	129.68	165.09	101.98	23.26	187.5
	1971	96.43	120.67	98.51	176.72	101.76	117.15	18.52	113.6
PERCENT CHANGED		30.66	85.69	-1.97	36.28	-38.36	14.87	-20.36	-39.4
STUDENT CRHRS PRODUCED	1969	140	244	551	104	105	134	7	1,68
	1971	189	515	490	328	104	263	6	1,22
PERCENT CHANGED		35.00	111.07	-11.07	215.38	-9.5	96.27	-14.29	-27.2
WEIGHTED AVG. CLASS SIZE	1969	8	5	6	7	9	7	4	
	1971	5	7	6	12	4	7	2	
PERCENT CHANGED		-26.29	37.57	6.14	55.64	-47.75	.76	-48.57	1.3
AVG. SALARY/FTE TEACH	1969	4,399	3,792	3,833	4,742	4,597	3,943	4,132	4,53
	1971	4,704	4,521	4,775	4,913	4,834	4,270	2,578	4,13
PERCENT CHANGED		6.94	19.19	24.56	3.60	5.14	8.29	-37.61	-8.6
NO. OF FTE TEACHING FAC.	1969	1.897	3.755	5.483	.802	.636	1.314	.301	8.99
	1971	1.960	4.268	4.974	1.856	1.022	2.245	.324	10.79
PERCENT CHANGED		3.32	13.66	-9.28	131.42	60.69	73.85	7.64	20.0

TABLE 8
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES LEVELS 3 & 5 MASTERS AND PROFESSIONAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	J1 KNOX.	UT MARTIN	UT NASH.	TOTAL
59.60	58.36	38.15	36.57	27.85	38.67	177.69	24.16			32.81
48.78	37.46	48.47	27.80	47.50	36.45	139.20	36.42			38.89
-18.15	-35.61	27.07	-23.97	70.56	-5.73	-21.66	50.75			18.55
65.83	70.08	56.30	48.52	48.90	51.91	191.80	65.33			62.59
61.21	52.92	110.61	34.72	130.35	66.72	180.40	92.46			80.09
-7.03	-24.49	96.47	-28.44	166.57	28.52	-5.94	41.53			27.95
6.15	5.42	8.37	10.81	13.76	8.50	1.94	15.63			10.68
8.04	10.06	8.21	14.73	8.48	9.76	1.54	9.47			9.48
30.64	85.63	-1.97	36.26	-38.35	14.88	-20.29	-39.39			-11.26
73.80	64.98	100.49	129.68	165.09	101.98	23.26	187.53			128.19
96.43	120.67	98.51	176.72	101.76	117.15	18.52	113.64			113.75
30.66	85.69	-1.97	36.28	-38.36	14.87	-20.36	-39.40			-11.26
140	244	551	104	105	134	7	1,687			2,972
189	515	490	328	104	263	6	1,227			3,122
35.00	111.07	-11.07	215.38	-9.95	96.27	-14.29	-27.27			5.05
8	5	6	7	9	7	4	6			6
5	7	6	12	4	7	2	6			6
-26.29	37.57	6.14	55.64	-47.75	.76	-48.57	1.34			7.28
4,399	3,792	3,833	4,742	4,597	3,743	4,132	4,530			4,206
4,704	4,521	4,775	4,913	4,834	4,270	2,578	4,138			4,424
6.94	19.19	24.56	3.60	5.14	8.29	-37.61	-8.64			5.19
1.897	3.755	5.483	.802	.636	1.314	.301	8.996			23.184
1.960	4.268	4.974	1.856	1.022	2.245	.324	10.797			27.446
3.32	13.66	-9.28	131.42	60.69	70.85	7.64	20.02			18.38

TABLE 9
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR	BIOLOGICAL SCIENCES				LEVEL 4 DOCTORAL		
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.
DIRECT TEACHING			41.11				
PERCENT CHANGED			-100.00				
TOTAL INSTRUCTIONAL			93.86				
PERCENT CHANGED			-100.00				
FTE STUDENT-FACULTY RATIO			8.55				
PERCENT CHANGED			-100.00				
STCRHRS / FTE TEACH-FAC			102.56				
PERCENT CHANGED			-100.00				
STUDENT CRHRS PRODUCED			12				
PERCENT CHANGED			-100.00				
WEIGHTED AVG. CLASS SIZE			4				
PERCENT CHANGED			-100.00				
AVG. SALARY/FTE TEACH			4,216				
PERCENT CHANGED			-100.00				
NO. OF FTE TEACHING FAC.			.117				
PERCENT CHANGED			-100.00				

TABLE 9
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES			LEVEL 4 DOCTORAL							TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
		41.11					61.35			60.91
							73.94			73.94
		-100.00					20.51			21.39
		93.86					130.71			129.90
							158.41			158.41
		-100.00					21.19			21.94
		8.55					6.79			6.82
							5.63			5.63
		-100.00					-17.04			-17.42
		102.56					81.47			81.84
							67.57			67.57
		-100.00					-17.05			-17.43
		12					534			546
							578			578
		-100.00					8.24			5.86
		4					2			2
							3			3
		-100.00					20.22			19.20
		4,216					4,998			4,984
							4,996			4,996
		-100.00					-.04			.24
		.117					6.555			6.672
							8.554			8.554
		-100.00					30.50			28.21

TABLE 10
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		BIOLOGICAL SCIENCES				TOTAL ALL LEVELS			
		APSU	ETSU	MSU	MTSU	TSU	ITU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	9.93	11.03	8.78	9.00	9.11	7.45	13.16	10.2
	1971	10.47	12.12	8.05	10.27	8.44	7.41	13.31	12.8
	PERCENT CHANGED	5.46	9.87	-8.31	14.15	-7.35	-5.1	1.11	24.7
TOTAL INSTRUCTIONAL	1969	13.10	16.14	13.95	16.00	18.36	12.54	17.94	26.2
	1971	13.68	19.04	15.01	15.42	15.62	12.24	20.60	29.4
	PERCENT CHANGED	4.44	11.79	7.63	-3.64	-14.94	-2.30	14.83	12.6
FTE STUDENT-FACULTY RATIO	1969	30.17	19.06	21.52	23.70	26.75	28.18	18.32	22.7
	1971	24.42	22.77	26.82	23.77	30.20	30.21	19.81	18.1
	PERCENT CHANGED	-19.07	19.43	24.61	.30	12.98	7.21	8.09	-20.1
STC/HRS / FTE TEACH-FAC	1969	448.31	283.69	319.58	354.11	398.37	419.99	274.65	330.0
	1971	362.09	336.75	398.94	353.13	450.50	448.44	296.95	265.9
	PERCENT CHANGED	-19.23	18.70	24.83	-2.28	13.09	6.77	8.12	-19.5
STUDENT CRHRS PRODUCED	1969	3,725	7,643	13,804	7,033	3,567	5,110	2,312	17,06
	1971	4,134	9,045	14,412	8,563	4,696	6,184	3,123	18,21
	PERCENT CHANGED	10.98	18.34	4.40	21.75	31.65	21.07	35.08	6.7
WEIGHTED AVG. CLASS SIZE	1969	23	25	25	31	26	35	31	1
	1971	28	24	28	27	23	32	31	1
	PERCENT CHANGED	21.04	-3.58	9.33	-13.43	-10.10	-9.18	-1.31	1.6
AVG. SALARY/FTE TEACH	1969	4,452	3,129	2,805	3,187	3,630	3,127	3,615	3,39
	1971	3,792	4,081	3,210	3,628	3,803	3,322	3,952	3,40
	PERCENT CHANGED	-14.82	30.41	14.43	13.84	4.76	6.23	9.32	.3
NO. OF FTE TEACHING FAC.	1969	8,309	26,941	43,194	19,861	6,954	12,167	8,418	51,70
	1971	11,417	26,860	36,126	24,249	10,424	13,790	10,517	68,60
	PERCENT CHANGED	37.41	-.30	-16.36	22.09	16.42	13.34	24.93	32.7

TABLE 10
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES				TOTAL ALL LEVELS						
APSU	ETSU	MSU	MTSU	TSU	ITU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	TOTAL
9.33	11.03	8.79	9.00	9.11	7.45	13.16	10.29	9.90	6.82	9.58
10.47	12.12	8.05	10.27	8.44	7.41	13.31	12.83	7.87	9.64	10.24
5.46	9.87	-8.31	14.15	-7.35	-5.51	1.11	24.70	-11.51	41.18	6.92
13.10	16.14	13.95	16.00	18.36	12.54	17.94	26.26	11.31	18.81	17.58
13.68	19.04	15.01	15.42	15.62	12.26	20.60	29.59	11.85	13.94	18.56
4.44	11.79	7.63	-3.64	-14.94	-2.30	14.83	12.68	4.76	-25.87	5.56
30.17	19.06	21.52	23.70	26.75	28.18	18.32	22.72	25.10	32.32	22.93
24.42	22.77	26.82	23.77	30.20	30.21	19.81	18.14	30.97	21.85	23.42
-19.07	19.43	24.61	.30	12.88	7.21	8.09	-20.15	23.38	-32.37	2.15
448.31	283.69	319.58	354.11	398.37	419.99	274.65	330.04	376.51	484.73	339.47
362.09	336.75	398.94	353.13	450.50	448.44	246.95	265.54	464.58	327.79	347.13
-19.23	18.70	24.83	-.28	13.09	6.77	9.12	-19.54	23.39	-32.38	2.26
3,725	7,643	13,804	7,033	3,567	5,110	2,312	17,063	5,933	365	66,555
4,134	9,045	14,412	8,563	4,696	6,184	3,123	18,217	7,090	847	76,311
10.98	18.34	4.40	21.75	31.65	21.02	35.08	6.76	19.50	132.05	14.66
23	25	25	31	26	35	31	14	34	26	22
28	24	28	27	23	32	31	14	39	29	23
21.04	-3.58	9.33	-13.43	-10.10	-8.18	-1.31	1.69	12.94	11.80	2.70
4,452	3,129	2,805	3,187	3,630	3,127	3,615	3,396	3,349	3,308	3,252
3,792	4,081	3,210	3,628	3,803	3,322	3,952	3,408	3,657	3,159	3,555
-14.82	30.41	14.43	13.84	4.76	6.23	9.32	.35	9.19	-4.50	9.33
8.309	26.941	43.194	19.861	8.954	12.167	8.418	51.700	15.758	.753	196.255
11.417	26.860	36.126	24.249	10.424	13.790	10.517	68.604	15.261	2.584	219.832
37.41	-.30	-16.36	22.09	16.42	13.34	24.93	32.70	-3.15	243.16	12.13

TABLE 10
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		BIOLOGICAL SCIENCES				TOTAL ALL LEVELS			
		CLEV.	CJL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	5.07	7.98		9.91				
	1971	6.51	5.48	8.25	8.93	8.77	7.41	6.46	11.11
PERCENT CHANGED		28.38	-31.30		-9.92				
TOTAL INSTRUCTIONAL	1969	6.72	10.25		24.13				
	1971	8.45	9.30	10.01	13.87	11.97	14.73	7.59	14.22
PERCENT CHANGED		25.70	-9.29		-42.50				
FTE STUDENT-FACULTY RATIO	1969	31.84	22.01		17.79				
	1971	29.56	38.03	25.60	21.77	22.29	22.33	25.22	17.87
PERCENT CHANGED		-7.15	72.76		22.38				
STCRHRS / FTE TEACH-FAC	1969	477.62	330.21		266.85				
	1971	443.46	570.51	383.96	326.59	334.36	334.90	378.29	268.03
PERCENT CHANGED		-7.15	72.77		22.39				
STUDENT CRHS PRODUCED	1969	1,953	1,056		1,172				
	1971	2,408	1,865	996	1,486	871	214	603	643
PERCENT CHANGED		23.30	76.61		26.79				
WEIGHTED AVG. CLASS SIZE	1969	33	25		24				
	1971	29	50	28	34	25	24	27	21
PERCENT CHANGED		-11.12	98.51		37.55				
AVG. SALARY/FTE TEACH	1969	2,421	2,636		2,645				
	1971	2,886	3,127	3,168	2,915	2,931	2,482	2,445	2,978
PERCENT CHANGED		19.22	18.65		10.23				
NO. OF FTE TEACHING FAC.	1969	4,089	3,198		4,392				
	1971	5,430	3,269	2,594	4,550	2,605	.639	1,594	2,399
PERCENT CHANGED		32.80	2.22		3.60				

TABLE 10
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

YEAR	BIOLOGICAL SCIENCES				TOTAL ALL LEVELS				TOTAL C. C.	TOTAL ALL
	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS		
1969	5.07	7.98		9.91					7.16	9.44
1971	6.51	5.48	8.25	8.93	8.77	7.41	6.46	11.11	7.21	9.97
	28.38	-31.30		-9.92					.73	5.62
1969	6.72	10.25		24.13					12.49	17.28
1971	8.45	9.30	10.01	13.87	11.97	14.73	7.59	14.22	10.32	17.81
	25.70	-9.29		-42.50					-17.37	3.07
1969	31.84	22.01		17.79					23.87	22.98
1971	29.55	38.03	25.60	21.77	22.29	22.33	25.22	17.87	27.56	23.74
	-7.15	72.76		22.38					15.47	3.31
1969	477.62	330.21		266.85					357.99	340.51
1971	443.46	570.51	383.96	326.59	334.36	334.90	378.29	268.03	413.38	352.26
	-7.15	72.77		22.39					15.47	3.45
1969	1,953	1,056		1,172					4,181	70,736
1971	2,408	1,865	996	1,486	871	214	603	643	7,626	83,937
	23.30	76.61		26.79					82.40	18.66
1969	33	25		24					28	22
1971	29	50	28	34	25	24	27	21	33	23
	-11.12	98.51		37.55					15.86	4.24
1969	2,421	2,636		2,645					2,564	3,213
1971	2,886	3,127	3,168	2,915	2,931	2,482	2,445	2,978	2,982	3,511
	19.22	18.65		10.23					16.31	9.27
1969	4.089	3.198		4.392					11.679	207.734
1971	5.430	3.269	2.594	4.550	2.605	.639	1.594	2.399	18.448	238.280
	32.80	2.22		3.60					57.96	14.70

TABLE 11
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		BUSINESS & MANAGEMENT				LEVEL 1		LOWER LEVEL	
		APSU	ETSU	MSU	MTSU	TSU	TIU	UT CHATT.	UT KNOX
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	4.10	9.12	5.52	7.88	6.47	7.12	8.60	4.11
	1971	6.91	10.23	6.47	7.13	6.69	7.78	9.62	4.82
PERCENT CHANGED		68.19	12.15	17.27	-9.54	3.44	9.22	11.83	15.65
TOTAL INSTRUCTIONAL	1969	5.25	12.41	12.09	12.05	9.15	10.88	10.88	10.74
	1971	9.65	13.83	12.30	14.04	9.59	10.97	13.44	9.62
PERCENT CHANGED		83.81	11.47	1.76	16.52	4.87	.84	23.53	10.42
FTE STUDENT-FACULTY RATIO	1969	40.91	25.47	38.45	26.27	30.80	28.12	25.85	48.13
	1971	30.88	26.32	40.59	39.71	35.97	29.22	27.43	38.53
PERCENT CHANGED		-24.51	3.31	5.57	51.15	16.79	3.92	6.11	-19.92
STDCRHS / FTE TEACH-FAC	1969	613.63	382.08	576.67	394.09	462.02	421.75	387.79	721.81
	1971	463.21	394.75	608.82	595.71	539.58	439.27	411.49	578.11
PERCENT CHANGED		-24.51	3.31	5.57	51.16	16.79	3.92	6.11	-19.92
STUDENT CRHS PRODUCED	1969	2,719	6,359	12,414	6,484	2,901	4,689	3,062	16,577
	1971	3,204	5,545	13,380	4,584	3,156	5,179	2,013	16,382
PERCENT CHANGED		17.84	-12.80	7.78	-29.30	8.79	10.45	-34.26	-1.18
WEIGHTED AVG. CLASS SIZE	1969	46	26	45	36	29	31	35	44
	1971	32	28	48	41	35	34	34	13
PERCENT CHANGED		-30.15	6.45	7.20	22.59	19.22	9.57	-4.61	-70.39
AVG. SALARY/FTE TEACH	1969	2,518	3,485	3,183	3,105	2,990	3,004	3,335	3,009
	1971	3,199	4,038	3,941	4,245	3,612	3,410	3,958	2,787
PERCENT CHANGED		27.03	15.87	23.80	36.72	20.79	13.51	18.68	-7.38
NO. OF FTE TEACHING FAC.	1969	4,431	16,643	21,527	16,453	6,279	11,118	7,896	22,966
	1971	6,917	14,047	21,977	7,695	5,849	11,817	4,892	28,342
PERCENT CHANGED		56.10	-15.63	2.09	-53.23	-6.85	6.29	-38.04	23.41

TABLE 11
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT				LEVEL 1 LOWER LEVEL							TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.		
4.10	9.12	5.52	7.88	6.47	7.12	8.60	4.17	9.43	12.46	6.33	
6.91	10.23	6.47	7.13	6.69	7.78	9.62	4.82	11.72	7.65	6.96	
68.19	12.15	17.27	-9.54	3.44	9.22	11.83	15.65	38.98	-38.60	10.02	
5.25	12.41	12.39	12.05	9.15	10.88	10.88	10.74	10.47	25.60	11.28	
9.65	13.83	12.30	14.04	9.59	10.97	13.44	9.62	16.69	10.53	11.60	
83.81	11.47	1.76	16.57	4.87	.84	23.53	10.42	59.40	-58.86	2.63	
40.91	25.47	38.45	26.27	30.80	28.12	25.85	48.12	28.10	13.95	33.07	
30.88	26.32	40.59	39.71	35.97	29.22	27.43	38.53	24.13	33.94	34.33	
-24.51	3.31	5.57	51.15	16.79	3.92	6.11	-19.92	-14.12	143.16	3.83	
613.63	382.08	576.67	394.09	462.02	421.75	387.79	721.81	421.45	209.31	495.98	
463.21	394.75	608.82	595.71	539.58	438.27	411.49	578.01	361.95	509.07	514.95	
-24.51	3.31	5.57	51.16	16.79	3.92	6.11	-19.92	-14.12	143.21	3.82	
2,719	6,359	12,414	6,484	2,901	4,589	3,062	10,577	3,010	1,057	59,272	
3,204	5,545	13,380	4,584	3,156	5,179	2,013	16,382	2,690	1,762	57,901	
17.84	-12.40	7.78	-29.30	8.79	10.45	-34.26	-1.18	-10.63	67.27	-2.31	
46	26	45	34	29	31	35	44	34	20	36	
32	28	48	41	35	34	34	13	30	38	24	
-30.15	6.45	7.20	22.59	19.22	9.57	-4.61	-70.39	-13.38	83.02	-33.69	
2,518	3,485	3,183	3,105	2,990	3,004	3,335	3,009	3,552	2,608	3,137	
3,199	4,038	3,941	4,245	3,612	3,410	3,958	2,787	4,240	3,894	3,584	
27.03	15.87	23.80	36.72	20.79	13.51	18.68	-7.38	19.37	49.29	14.22	
4.431	16.643	21.527	16.453	6.279	11.118	7.896	22.966	7.142	5.050	119.505	
6.917	14.047	21.977	7.695	5.849	11.817	4.892	28.342	7.432	3.473	112.441	
56.10	-15.60	2.09	-53.23	-6.85	6.29	-38.04	23.41	4.06	-31.23	-5.91	

TABLE 11
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		BUSINESS & MANAGEMENT				LEVEL 1 LOWER LEVEL			
		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL. WALTERS	
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	5.57	5.76		6.86				
	1971	6.15	5.10	5.66	8.30	6.76	7.73		5.33
PERCENT CHANGED		10.48	-11.51		21.07				
TOTAL INSTRUCTIONAL	1969	6.04	6.45		7.51				
	1971	7.43	7.17	5.71	10.22	8.71	10.44		8.73
PERCENT CHANGED		22.97	11.09		36.02				
FTE STUDENT-FACULTY RATIO	1969	29.12	28.67		25.34				
	1971	30.17	34.80	28.94	23.51	27.03	21.29		27.05
PERCENT CHANGED		3.62	21.34		-7.22				
STC PHRS / FTE TEACH-FAC	1969	436.74	430.11		380.07				
	1971	452.56	521.92	434.08	352.61	405.47	319.40		405.70
PERCENT CHANGED		3.62	21.35		-7.22				
STUDENT CRHRS PRODUCED	1969	1,947	1,680		1,602				
	1971	2,733	1,143	1,047	1,134	978	321		897
PERCENT CHANGED		40.37	-31.96		-29.21				
WEIGHTED AVG. CLASS SIZE	1969	30	27		28				
	1971	30	35	29	24	27	21		27
PERCENT CHANGED		2.89	29.33		-15.66				
AVG. SALARY/FTE TEACH	1969	2,433	2,478		2,606				
	1971	2,785	2,661	2,457	2,928	2,742	2,468		2,163
PERCENT CHANGED		14.49	7.37		12.33				
NO. OF FTE TEACHING FAC.	1969	4.458	3.906		4.215				
	1971	6.039	2.190	2.412	3.216	2.412	1.005		2.211
PERCENT CHANGED		35.46	-43.93		-23.70				

TABLE 11
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

YEAR	BUSINESS & MANAGEMENT				LEVEL 1 LOWER LEVEL				TOTAL C. C.	TOTAL ALL
	CLEV.	CCL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS		
1969	5.57	5.76		6.86					6.03	6.30
1971	6.15	5.10	5.66	8.30	6.76	7.73		5.33	6.34	6.89
	10.48	-11.51		21.07					5.21	9.37
1969	6.04	6.45		7.51					6.62	10.91
1971	7.43	7.17	5.71	10.22	8.71	10.44		8.73	7.76	11.19
	22.97	11.09		36.02					17.14	2.57
1969	29.12	28.67		25.34					27.71	32.56
1971	30.17	34.80	28.94	23.51	27.03	21.29		27.05	28.83	33.63
	3.62	21.34		-7.22					4.02	3.31
1969	436.74	430.11		380.07					415.69	488.33
1971	452.56	521.92	434.08	352.61	405.47	319.40		405.70	432.42	504.51
	3.62	21.35		-7.22					4.02	3.31
1969	1,947	1,680		1,602					5,229	64,501
1971	2,733	1,143	1,047	1,134	978	321		897	7,035	64,936
	40.37	-31.96		-29.21					34.54	.67
1969	30	27		28					28	36
1971	30	35	29	24	27	21		27	29	24
	2.89	29.33		-15.66					2.93	-30.86
1969	2,433	2,478		2,606					2,505	3,077
1971	2,785	2,661	2,457	2,928	2,742	2,468		2,163	2,742	3,477
	14.49	7.37		12.33					9.44	13.00
1969	4.458	3.906		4.215					12.579	132.084
1971	6.039	2.190	2.412	3.216	2.412	1.005		2.211	16.269	128.710
	35.46	-43.93		-23.70					29.33	-2.55

TABLE 12
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		BUSINESS & MANAGEMENT				LEVEL 2 UPPER LEVEL			
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	8.09	12.08	8.62	9.91	5.08	9.36	13.92	8.0
	1971	9.12	11.63	11.41	9.82	6.81	9.37	13.13	10.0
	PERCENT CHANGED	12.75	-3.73	32.29	-9.1	34.01	.13	-7.23	34.0
TOTAL INSTRUCTIONAL	1969	9.60	16.36	14.88	13.74	6.91	12.51	12.52	16.0
	1971	11.45	15.98	19.22	15.76	10.03	12.76	12.28	16.3
	PERCENT CHANGED	19.25	-2.37	29.18	14.69	45.18	2.06	-1.90	1.7
FTE STUDENT-FACULTY RATIO	1969	28.99	20.71	32.29	24.28	39.06	28.44	24.79	30.0
	1971	23.69	25.29	27.28	31.26	32.13	29.60	26.33	26.0
	PERCENT CHANGED	-17.97	22.08	-15.53	28.78	-17.76	4.08	5.24	-13.2
STCRHRS / FTE TEACH-FAC	1969	433.27	310.66	484.40	364.13	585.95	426.56	371.78	460.2
	1971	355.41	379.29	409.14	468.93	481.89	443.96	394.98	399.4
	PERCENT CHANGED	-17.97	22.09	-15.54	28.78	-17.76	4.08	6.24	-13.2
STUDENT CRHRS PRODUCED	1969	2,188	5,439	15,760	6,669	3,078	5,158	2,479	24,93
	1971	2,570	6,561	16,089	8,458	2,514	5,839	2,657	23,58
	PERCENT CHANGED	17.46	20.63	2.09	26.83	-18.32	13.20	7.18	-5.4
WEIGHTED AVG. CLASS SIZE	1969	31	22	34	29	38	32	31	30
	1971	25	27	28	31	24	34	33	30
	PERCENT CHANGED	-16.35	23.40	-16.51	7.67	-36.51	6.48	4.46	1.9
AVG. SALARY/FTE TEACH	1969	3,504	3,752	4,176	3,608	2,976	3,992	4,359	3,76
	1971	3,241	4,410	4,667	4,604	3,280	4,160	4,000	4,38
	PERCENT CHANGED	-7.90	17.53	11.75	27.60	10.23	4.22	-1.45	16.5
NO. OF FTE TEACHING FAC.	1969	5.050	17.508	32.535	18.315	5.253	12.092	6.668	54.16
	1971	7.231	17.298	39.324	18.037	5.217	13.152	6.727	59.04
	PERCENT CHANGED	43.19	-1.20	20.87	-1.52	-6.9	8.77	.88	9.0

TABLE 12
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT				LEVEL 2 UPPER LEVEL						TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	
8.09	12.08	8.62	9.91	5.08	9.36	13.92	8.17	11.39	14.54	9.06
9.12	11.63	11.41	9.82	6.81	9.37	13.13	10.98	11.46	10.63	10.64
12.75	-3.73	32.29	-9.91	34.01	.13	-7.23	34.32	.66	-26.84	17.39
9.60	16.36	14.88	13.74	6.91	12.51	12.52	16.08	13.82	28.80	14.84
11.45	15.98	19.22	15.76	10.03	12.76	12.28	16.36	16.46	14.53	16.02
19.25	-2.37	29.18	14.69	45.18	2.06	-1.90	1.74	19.09	-49.55	7.94
28.89	20.71	32.29	24.28	39.06	28.44	24.79	30.69	21.83	10.17	27.34
23.69	25.29	27.28	31.26	32.13	29.60	26.33	26.63	22.33	19.21	26.87
-17.97	22.08	-15.53	28.78	-17.76	4.08	5.24	-13.22	2.31	88.87	-1.72
433.27	310.66	484.40	364.13	585.95	426.56	371.78	460.29	327.42	152.48	410.11
355.41	379.29	409.14	468.93	481.89	443.96	394.98	399.41	335.00	788.07	403.06
-17.97	22.09	-15.54	28.78	-17.76	4.08	6.24	-13.23	2.32	88.92	-1.72
2,188	5,439	15,760	6,669	3,078	5,158	2,479	24,933	2,601	1,704	70,009
2,570	6,561	16,089	8,458	2,514	5,839	2,657	23,583	2,952	1,884	73,107
17.46	20.63	2.09	26.83	-18.32	13.20	7.18	-5.41	13.49	10.56	4.43
31	22	34	29	38	32	31	34	27	17	31
25	27	28	31	24	34	33	35	27	23	30
-16.35	23.40	-16.51	7.67	-36.51	6.48	4.46	1.98	-2.61	38.09	-1.96
3,504	3,752	4,176	3,608	2,976	3,992	4,059	3,762	3,729	2,217	3,717
3,241	4,410	4,667	4,604	3,280	4,160	4,000	4,386	3,840	3,063	4,289
-7.50	17.53	11.75	27.60	10.23	4.22	-1.45	16.56	2.99	38.18	15.38
5.050	17.508	32.535	18.315	5.253	12.092	6.668	54.168	7.944	11.175	170.708
7.231	17.298	39.324	18.037	5.217	13.152	6.727	59.044	8.812	6.540	181.382
43.19	-1.20	20.87	-1.52	-6.69	8.77	.88	9.00	10.93	-41.48	6.25

TABLE 13
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		BUSINESS & MANAGEMENT				LEVELS 3 & 5 MASTERS AND PROFESSIONAL			
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.
DIRECT TEACHING	1969	8.65	20.76	29.12	37.12			37.33	22.32
	1971		22.55	42.99	26.07			15.19	23.35
PERCENT CHANGED		-100.00	8.61	47.64	-29.76			-59.29	4.60
TOTAL INSTRUCTIONAL	1969	9.48	27.11	42.40	43.81			43.73	35.79
	1971		31.09	83.19	35.01			17.50	37.45
PERCENT CHANGED		-100.00	14.69	96.16	-20.09			-57.03	4.65
FTE STDNT-FACULTY RATIO	1969	55.56	16.06	13.58	10.36			11.57	17.20
	1971		17.21	10.86	16.29			29.12	18.42
PERCENT CHANGED		-100.00	7.16	-20.02	57.12			151.50	7.09
STCPHRS / FTE TEACH-FAC	1969	666.67	192.67	162.95	124.35			138.89	206.36
	1971		206.48	130.31	195.43			349.40	220.99
PERCENT CHANGED		-100.00	7.16	-20.03	57.15			151.56	7.09
STUDENT CRHS PRODUCED	1969	6	489	1,095	361			135	3,260
	1971		861	921	897			348	3,118
PERCENT CHANGED		-100.00	76.07	-15.89	148.48			157.78	-4.36
WEIGHTED AVG. CLASS SIZE	1969	30	14	12	10			12	17
	1971		14	9	12			29	18
PERCENT CHANGED		-100.00	.28	-28.66	20.44			139.02	7.21
AVG. SALARY/FTE TEACH	1969	5,767	4,000	4,744	4,616			5,184	4,606
	1971		4,656	5,601	5,095			5,308	5,159
PERCENT CHANGED		-100.00	16.40	18.07	10.38			2.38	12.02
NO. OF FTE TEACHING FAC.	1969	.009	2.538	6.720	2.903			.972	15.798
	1971		4.170	7.068	4.590			.996	14.109
PERCENT CHANGED			64.30	5.18	58.11			2.47	-10.69

TABLE 13
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT			LEVELS 3 & 5 MASTERS AND PROFESSIONAL							
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
8.65	20.76	29.12	37.12			37.33	22.32		21.49	24.89
	22.55	42.99	26.07			15.19	23.35	36.91	13.68	25.51
-100.00	8.61	47.64	-29.76			-59.29	4.60		-36.34	2.48
9.48	27.11	42.40	43.81			40.73	35.79		38.63	37.01
	31.09	83.19	35.01			17.50	37.45	50.26	21.76	40.87
-100.00	14.69	96.16	-20.09			-57.03	4.65		-43.67	10.44
55.56	16.06	13.58	10.36			11.57	17.20		14.97	15.39
	17.21	10.86	16.29			29.12	18.42	12.11	33.89	16.99
-100.00	7.16	-20.02	57.12			151.50	7.09		126.26	10.41
666.67	192.67	162.95	124.35			138.89	206.36		179.69	184.66
	206.48	130.31	195.43			349.43	220.99	145.30	406.67	203.89
-100.00	7.16	-20.03	57.15			151.56	7.09		126.31	10.41
6	489	1,095	361			135	3,260		69	5,415
	861	921	897			348	3,118	51	-366	6,562
-100.00	76.07	-15.89	148.48			157.78	-4.36		430.43	21.18
30	14	12	10			12	17		12	14
	14	9	12			29	18	14	20	14
-100.00	.28	-28.66	20.44			139.02	7.21		73.61	.07
5,767	4,000	4,744	4,616			5,184	4,606		3,862	4,596
	4,656	5,601	5,095			5,308	5,159	5,362	5,563	5,200
-100.00	16.40	18.07	10.38			2.38	12.02		44.04	13.15
.009	2.538	6.720	2.903			.972	15.798		.384	29.324
	4.170	7.068	4.590			.996	14.109	.351	.900	32.184
	64.30	5.18	58.11			2.47	-10.69		134.38	9.75

TABLE 14
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	BUSINESS & MANAGEMENT				LEVEL 4 DOCTORAL			UT KNOX
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	
COST PER STUDENT CREDIT HOUR								
DIRECT TEACHING								92.5
1969								112.5
1971								21.2
PERCENT CHANGED								
TOTAL INSTRUCTIONAL								156.2
1969								147.5
1971								-5.4
PERCENT CHANGED								
FTE STUDENT-FACULTY RATIO								4.7
1969								4.7
1971								-8.2
PERCENT CHANGED								
STCRHRS / FTE TEACH-FAC								57.0
1969								52.3
1971								-8.2
PERCENT CHANGED								
STUDENT CRHRS PRODUCED								22.6
1969								27.0
1971								22.6
PERCENT CHANGED								
WEIGHTED AVG. CLASS SIZE								3.4
1969								
1971								
PERCENT CHANGED								
AVG. SALARY/FTE TEACH								5,280
1969								5,870
1971								11.2
PERCENT CHANGED								
NO. OF FTE TEACHING FAC.								3.94
1969								5.27
1971								33.7
PERCENT CHANGED								

TABLE 14
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT				LEVEL 4 DOCTORAL						
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
							92.50			92.50
							112.13			112.13
							21.21			21.21
							156.23			156.23
							147.75			147.75
							-5.42			-5.42
							4.76			4.76
							4.36			4.36
							-8.25			-8.25
							57.08			57.08
							52.36			52.36
							-8.26			-8.26
							225			225
							276			276
							22.67			22.67
							3			3
							3			3
							3.43			3.43
							5,280			5,280
							5,871			5,871
							11.20			11.20
							3.942			3.942
							5.271			5.271
							33.71			33.71

TABLE 15
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		BUSINESS & MANAGEMENT				TOTAL ALL LEVELS				UT KNOX
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.		
COST PER STUDENT CREDIT HOUR										
DIRECT TEACHING	1969	5.88	10.89	8.07	9.66	5.76	8.29	13.30	8.00	8.00
	1971	7.89	11.76	10.19	9.98	6.74	9.62	13.28	10.00	10.00
PERCENT CHANGED		34.10	7.91	26.24	3.28	17.17	3.96	-0.19	25.00	25.00
TOTAL INSTRUCTIONAL	1969	7.19	14.74	14.72	13.73	7.99	11.73	12.31	16.00	16.00
	1971	10.45	16.36	18.11	16.43	9.79	11.92	13.11	16.00	16.00
PERCENT CHANGED		45.30	8.94	23.01	19.66	22.42	1.01	6.52	-	-
FTE STUDENT-FACULTY RATIO	1969	34.52	22.55	32.40	24.08	34.57	28.28	24.50	31.00	31.00
	1971	27.21	24.75	29.86	31.14	34.16	29.42	26.98	27.00	27.00
PERCENT CHANGED		-21.19	9.74	-7.85	29.33	-1.17	4.01	10.11	-12.00	-12.00
STCRHRS / FTE TEACH-FAC	1969	517.70	334.90	481.54	358.74	518.47	424.26	365.35	464.00	464.00
	1971	408.11	365.11	444.50	459.70	512.38	441.27	397.78	406.00	406.00
PERCENT CHANGED		-21.17	9.02	-7.69	28.14	-1.17	4.01	8.88	-12.00	-12.00
STUDENT CRHRS PRODUCED	1969	4,913	12,287	29,269	13,514	5,979	9,847	5,676	44,000	44,000
	1971	5,774	12,967	30,390	13,939	5,670	11,318	5,318	43,000	43,000
PERCENT CHANGED		17.52	5.53	3.83	3.14	-5.17	11.89	-11.59	-3.00	-3.00
WEIGHTED AVG. CLASS SIZE	1969	38	23	35	29	33	31	32	39.00	39.00
	1971	29	26	32	30	29	34	33	39.00	39.00
PERCENT CHANGED		-23.15	10.31	-9.55	3.31	-12.24	7.97	2.47	-39.00	-39.00
AVG. SALARY/FTE TEACH	1969	3,046	3,648	3,888	3,466	2,984	3,519	3,761	3,000	3,000
	1971	3,221	4,292	4,531	4,587	3,456	3,805	4,387	4,000	4,000
PERCENT CHANGED		5.73	17.64	16.54	32.35	15.82	8.14	9.66	33.33	33.33
NO. OF FTE TEACHING FAC.	1969	9,490	36,689	60,782	37,671	11,532	23,210	15,536	96,000	96,000
	1971	14,148	35,515	68,369	30,322	11,066	24,969	12,615	136,000	136,000
PERCENT CHANGED		49.08	-3.20	12.48	-19.51	-4.04	7.58	-18.80	41.67	41.67

TABLE 15
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT				TOTAL ALL LEVELS							
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL	
5.88	10.89	8.07	9.66	5.76	8.29	10.30	8.15	9.80	13.93	8.64	
7.89	11.76	10.19	9.98	6.74	9.62	10.28	10.19	11.81	9.60	10.01	
34.10	7.91	26.24	3.28	17.17	3.96	-1.19	25.04	20.50	-31.09	15.86	
7.19	14.74	14.72	13.73	7.99	11.73	12.31	16.24	12.02	27.84	14.40	
10.45	16.06	18.11	16.43	9.79	11.02	13.11	16.17	16.87	13.43	15.61	
45.30	8.94	23.01	19.66	22.42	1.01	6.52	-0.46	40.32	-51.77	8.37	
34.52	22.55	32.40	24.08	34.57	28.28	24.50	31.56	24.80	11.43	28.10	
27.21	24.75	29.86	31.14	34.16	29.42	26.98	27.60	22.92	25.11	28.08	
-21.19	9.74	-7.85	29.33	-1.17	4.01	10.11	-12.54	-7.56	119.61	-0.05	
517.70	334.90	481.54	358.74	518.47	424.26	365.35	464.47	371.93	170.39	417.09	
408.11	365.11	444.50	459.70	512.38	441.27	397.78	406.11	343.06	368.19	416.10	
-21.17	9.02	-7.69	28.14	-1.17	4.01	8.88	-12.56	-7.76	116.08	-0.24	
4,913	12,287	29,269	13,514	5,979	9,847	5,676	44,995	5,611	2,830	134,921	
5,774	12,967	30,390	13,939	5,670	11,018	5,018	43,359	5,693	4,018	137,846	
17.52	5.53	3.83	3.14	-5.17	11.89	-11.59	-3.64	1.46	41.98	2.17	
30	23	35	29	33	31	32	33	31	18	31	
29	26	32	30	29	34	33	19	28	28	26	
-23.15	10.31	-9.55	3.31	-12.24	7.97	2.47	-39.73	-9.44	54.06	-17.08	
3,046	3,648	3,888	3,466	2,984	3,519	3,761	3,783	3,645	2,374	3,602	
3,221	4,292	4,531	4,587	3,456	3,805	4,087	4,137	4,052	3,534	4,163	
5.73	17.64	16.54	32.35	15.82	8.14	8.66	9.35	11.15	48.86	15.59	
9.490	36.689	60.782	37.671	11.532	23.210	15.536	96.874	15.086	16.609	323.479	
14.148	35.515	68.369	30.322	11.066	24.969	12.615	106.766	16.595	10.913	331.278	
49.08	-3.20	12.48	-19.51	-4.04	7.58	-18.80	10.21	10.00	-34.29	2.41	

TABLE 15
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		BUSINESS & MANAGEMENT				TOTAL ALL LEVELS			
COST PER STUDENT CREDIT HOUR		CLEV.	CJL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTER
DIRECT TEACHING	1969	5.57	5.76		6.86				
	1971	6.15	5.10	5.66	8.30	6.76	7.73		5.1
PERCENT CHANGED		10.48	-11.51		21.07				
TOTAL INSTRUCTIONAL	1969	6.04	6.45		7.51				
	1971	7.43	7.17	5.71	10.22	8.71	10.44		8.1
PERCENT CHANGED		22.97	11.09		36.02				
FTE STDNT-FACULTY RATIO	1969	29.12	28.67		25.34				
	1971	30.17	34.80	28.94	23.51	27.03	21.29		27.1
PERCENT CHANGED		3.62	21.34		-7.22				
STCRHRS / FTE TEACH-FAC	1969	436.74	430.11		380.07				
	1971	452.56	521.92	434.08	352.61	405.47	319.43		405.1
PERCENT CHANGED		3.62	21.35		-7.22				
STUDENT CRHRS PRODUCED	1969	1,947	1,680		1,602				
	1971	2,733	1,143	1,047	1,134	978	321		8.1
PERCENT CHANGED		40.37	-31.96		-29.71				
WEIGHTED AVG. CLASS SIZE	1969	30	27		28				
	1971	30	35	29	24	27	21		
PERCENT CHANGED		2.89	29.33		-15.66				
AVG. SALARY/FTE TEACH	1969	2,433	2,478		2,606				
	1971	2,785	2,661	2,457	2,928	2,742	2,468		2,111
PERCENT CHANGED		14.49	7.37		12.33				
NO. OF FTE TEACHING FAC.	1969	4,458	3,906		4,215				
	1971	6,039	2,190	2,412	3,216	2,412	1,005		2,211
PERCENT CHANGED		35.46	-43.93		-23.70				

TABLE 15
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT

TOTAL ALL LEVELS

CLEV.	CJL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
5.57	5.76		6.86					6.03	8.54
6.15	5.10	5.66	8.30	6.76	7.73		5.33	6.34	9.83
10.48	-11.51		21.07					5.21	15.10
6.04	6.45		7.51					6.62	14.11
7.43	7.17	5.71	10.22	8.71	10.44		8.73	7.76	15.23
22.97	11.09		36.02					17.14	7.91
29.12	28.67		25.34					27.71	28.08
30.17	34.80	28.94	23.51	27.03	21.29		27.05	28.83	28.12
3.62	21.34		-7.22					4.02	.13
436.74	430.11		380.07					415.69	417.04
452.56	521.92	434.08	352.61	405.47	319.43		405.70	432.42	416.87
3.62	21.35		-7.22					4.02	-.04
1,947	1,680		1,602					5,229	140,150
2,733	1,143	1,047	1,134	978	321		897	7,035	144,881
40.37	-31.96		-29.21					34.54	3.38
30	27		28					28	31
30	35	29	24	27	21		27	29	26
2.89	29.33		-15.66					2.93	-16.31
2,433	2,478		2,606					2,505	3,560
2,785	2,661	2,457	2,928	2,742	2,468		2,163	2,742	4,096
14.49	7.37		12.33					9.44	15.05
4.458	3.906		4.215					12.579	336.058
6.039	2.190	2.412	3.216	2.412	1.005		2.211	16.269	347.547
35.46	-43.93		-23.70					29.33	3.42

TABLE 16
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		EDUCATION					LEVEL 1	LOWER LEVEL	UT	K
		APSU	ETSU	MSU	MTSU	TSU	TTU	CHATT.		
COST PER STUDENT CREDIT HOUR										
DIRECT TEACHING	1969	7.21	10.49	8.09	7.54	8.12	6.12	11.57		
	1971	9.98	10.06	10.23	7.94	8.00	7.81	11.30	1	
PERCENT CHANGED		38.36	-4.09	26.56	5.37	-1.45	27.48	-2.35	5	
TOTAL INSTRUCTIONAL	1969	10.34	15.67	16.70	13.33	13.54	9.23	15.39	1	
	1971	14.04	14.17	17.62	13.07	12.75	13.76	17.24	1	
PERCENT CHANGED		35.82	-9.61	5.51	-1.91	-5.83	49.05	12.02	2	
FTE STDNT-FACULTY RATIO	1969	26.65	19.18	22.03	25.94	24.42	29.29	19.03	2	
	1971	21.80	23.71	19.13	30.29	24.19	25.80	23.23	1	
PERCENT CHANGED		-18.19	23.61	-13.17	16.78	-9.1	-11.91	22.07	-2	
STCRHKS / FTE TEACH-FAC	1969	399.79	287.67	330.50	389.03	366.24	439.29	285.42	35	
	1971	327.06	355.60	286.97	454.31	362.91	386.98	348.43	27	
PERCENT CHANGED		-18.19	23.61	-13.17	16.78	-9.1	-11.91	22.08	-2	
STUDENT CRHRS PRODUCED	1969	4,277	7,587	12,602	8,724	8,043	5,430	3,423	9	
	1971	4,220	9,219	11,406	8,148	5,199	6,334	4,392	6	
PERCENT CHANGED		-1.33	21.51	-9.49	-6.60	-35.36	16.65	26.31	-2	
WEIGHTED AVG. CLASS SIZE	1969	33	25	30	29	24	32	26		
	1971	31	28	26	26	24	23	28		
PERCENT CHANGED		-4.94	10.72	-10.97	-8.87	-5.0	-26.59	8.65	-3	
AVG. SALARY/FTE TEACH	1969	2,884	3,017	2,672	2,933	2,973	2,689	3,302	2	
	1971	3,265	3,577	2,937	3,609	2,903	3,021	3,937	2	
PERCENT CHANGED		13.20	18.55	9.91	23.04	-2.35	12.31	19.21	1	
NO. OF FTE TEACHING FAC.	1969	10.698	26.374	38.130	22.425	21.961	12.361	11.993	26	
	1971	12.903	25.925	39.746	17.935	14.326	16.368	12.605	25	
PERCENT CHANGED		20.61	-1.70	4.24	-20.02	-34.77	32.42	5.10	-	

TABLE 16
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

EDUCATION				LEVEL 1		LOWER LEVEL				TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT WASH.	
7.21	10.49	8.09	7.54	8.12	6.12	11.57	6.87	12.01	13.43	8.28
9.98	10.06	10.23	7.94	8.00	7.81	11.30	10.42	13.42	15.03	9.71
38.36	-4.09	26.56	5.37	-1.45	27.48	-2.35	51.78	11.72	11.89	17.24
10.34	15.67	16.70	13.33	13.54	9.23	15.39	12.48	16.86	29.72	13.95
14.04	14.17	17.62	13.07	12.75	13.76	17.24	16.11	20.33	20.32	15.32
35.82	-9.61	5.51	-1.91	-5.83	49.05	12.02	29.05	20.52	-31.63	9.83
26.65	19.18	22.03	25.94	24.42	29.29	19.03	23.99	14.79	14.00	22.64
21.80	23.71	19.13	30.29	24.19	25.80	23.23	18.12	15.91	15.93	21.99
-18.19	23.61	-13.17	16.78	-0.91	-11.91	22.07	-24.47	7.57	13.82	-2.85
399.79	287.67	330.50	389.03	366.24	439.29	285.42	359.84	221.77	209.95	339.58
327.06	355.60	286.97	454.31	362.91	386.98	348.43	271.78	238.58	238.96	329.88
-18.19	23.61	-13.17	16.78	-0.91	-11.91	22.08	-24.47	7.58	13.82	-2.86
4,277	7,587	12,602	8,724	8,043	5,430	3,423	9,654	3,162	114	63,016
4,220	9,219	11,406	8,148	5,199	6,334	4,392	6,902	3,181	276	59,277
-1.33	21.51	-9.49	-6.60	-35.36	16.65	28.31	-28.51	.60	142.11	-5.93
33	25	30	29	24	32	26	32	25	13	28
31	28	26	26	24	23	28	21	23	15	25
-4.94	10.72	-10.97	-8.87	-0.50	-26.59	8.65	-34.62	-5.37	20.25	-10.05
2,884	3,017	2,672	2,933	2,973	2,689	3,302	2,471	2,664	2,820	2,813
3,265	3,577	2,937	3,609	2,903	3,021	3,937	2,833	3,203	3,592	3,204
13.20	18.55	9.91	23.04	-2.35	12.31	19.21	14.66	20.20	27.35	13.90
10.698	26.374	38.130	22.425	21.961	12.361	11.993	26.829	14.258	.543	185.572
12.903	25.925	39.746	17.935	14.326	16.368	12.605	25.396	13.333	1.155	179.692
20.61	-1.70	4.24	-20.02	-34.77	32.42	5.10	-5.34	-6.49	112.71	-3.17

TABLE 16
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		EDUCATION				LEVEL 1 LOWER LEVEL			
		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTER
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	7.92	6.83		9.13				
	1971	8.93	7.85	9.98	13.86	10.48	7.84	11.44	10.3
PERCENT CHANGED		12.80	14.99		51.84				
TOTAL INSTRUCTIONAL	1969	10.33	8.80		14.21				
	1971	18.04	14.70	13.36	19.20	11.83	11.84	13.16	13.4
PERCENT CHANGED		74.61	67.00		35.10				
FTE STUDENT-FACULTY RATIO	1969	20.59	24.79		19.23				
	1971	20.85	26.38	18.86	15.99	17.54	20.40	15.04	18.6
PERCENT CHANGED		1.27	6.41		-16.84				
STCRHRS / FTE TEACH-FAC	1969	308.84	371.91		288.49				
	1971	312.76	395.74	282.86	239.89	263.06	306.00	225.56	280.3
PERCENT CHANGED		1.27	6.41		-16.84				
STUDENT CRHRS PRODUCED	1969	1,362	1,504		1,308				
	1971	1,566	1,655	736	1,543	841	153	766	1,11
PERCENT CHANGED		14.98	10.04		17.97				
WEIGHTED AVG. CLASS SIZE	1969	30	31		22				
	1971	28	29	26	21	24	31	19	2
PERCENT CHANGED		-3.77	-7.22		-3.26				
AVG. SALARY/FTE TEACH	1969	2,445	2,538		2,633				
	1971	2,793	3,106	2,823	3,324	2,757	2,400	2,580	2,90
PERCENT CHANGED		14.24	22.36		26.28				
NO. OF FTE TEACHING FAC.	1969	4.410	4.044		4.534				
	1971	5.007	4.182	2.602	6.432	3.197	.500	3.396	3.98
PERCENT CHANGED		13.54	3.41		41.86				

TABLE 16
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

CLEV.	EDUCATION							TOTAL C. C.	TOTAL ALL
	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS		
7.92	6.83		9.13					7.90	8.26
8.93	7.85	9.98	13.86	10.48	7.84	11.44	10.37	10.18	9.76
12.80	14.99		51.84					28.75	18.11
10.33	8.80		14.21					10.99	13.76
18.04	14.73	13.36	19.20	11.83	11.84	13.16	13.46	16.08	15.39
74.61	67.00		35.10					46.27	11.83
20.59	24.79		19.23					21.43	22.56
20.85	26.38	18.86	15.99	17.54	29.43	15.34	18.69	19.74	21.75
1.27	6.41		-16.84					-7.89	-3.58
308.84	371.91		288.49					321.37	338.39
312.76	395.74	282.86	239.89	263.06	306.00	225.56	280.37	296.03	326.28
1.27	6.41		-16.84					-7.89	-3.58
1,362	1,504		1,308					4,174	67,190
1,566	1,655	736	1,543	841	153	766	1,117	6,341	65,618
14.98	10.04		17.97					51.92	-2.34
30	31		22					27	28
28	29	26	21	24	31	19	21	26	25
-3.77	-7.22		-3.26					-5.79	-9.74
2,445	2,538		2,633					2,540	2,795
2,793	3,106	2,823	3,324	2,757	2,400	2,580	2,907	3,012	3,184
14.24	22.36		26.28					18.60	13.90
4.410	4.044		4.534					12.988	198.560
5.007	4.182	2.602	6.432	3.197	.500	3.396	3.984	21.420	201.112
13.54	3.41		41.86					64.92	1.29

TABLE 17
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		EDUCATION				LEVEL 2	UPPER LEVEL	
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.
COST PER STUDENT CREDIT HOUR								
DIRECT TEACHING	1969	10.48	12.35	10.07	13.31	11.93	8.98	15.34
	1971	11.70	13.27	12.02	12.54	17.93	13.48	19.59
PERCENT CHANGED		11.71	7.45	19.40	-5.79	50.25	50.34	27.74
TOTAL INSTRUCTIONAL	1969	17.60	18.81	20.46	19.76	20.76	13.59	23.88
	1971	17.29	19.46	20.24	19.49	25.80	19.80	27.35
PERCENT CHANGED		-1.74	3.43	-1.07	-1.37	24.27	45.62	14.52
FTE STONT-FACULTY RATIO	1969	21.25	18.64	22.35	18.27	18.82	23.64	14.51
	1971	22.58	21.53	21.87	22.10	13.40	18.72	13.90
PERCENT CHANGED		6.29	15.49	-2.16	21.01	-28.77	-20.80	-4.20
STCRHRS / FTE TFACH-FAC	1969	318.69	279.62	335.22	273.98	282.27	354.53	217.64
	1971	338.73	322.93	327.98	331.56	201.04	280.79	208.52
PERCENT CHANGED		6.29	15.49	-2.16	21.02	-28.78	-20.80	-4.19
STUDENT CRHRS PRODUCED	1969	5,101	7,789	10,832	8,567	5,613	5,681	1,236
	1971	6,068	9,202	12,429	10,213	3,663	5,059	1,904
PERCENT CHANGED		18.96	18.14	14.74	19.21	-34.74	-10.95	54.05
WEIGHTED AVG. CLASS SIZE	1969	14	15	16	17	15	21	8
	1971	16	19	23	10	11	17	12
PERCENT CHANGED		16.84	20.87	38.62	-37.43	-25.60	-16.30	37.55
AVG. SALARY/FTE TFACH	1969	3,339	3,452	3,375	3,647	3,369	3,184	3,338
	1971	3,965	4,284	3,943	4,158	3,605	3,784	4,085
PERCENT CHANGED		18.73	24.10	16.83	14.01	7.02	18.85	22.39
NO. OF FTE TFACHING FAC.	1969	16,006	27,856	32,313	31,269	19,885	16,024	5,679
	1971	17,914	28,495	37,896	30,803	18,220	18,017	9,131
PERCENT CHANGED		11.92	2.29	17.28	-1.49	-8.37	12.44	60.79

TABLE 17
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

EDUCATION			LEVEL 2 UPPER LEVEL							TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT WASH.	
10.48	12.35	10.07	13.31	11.93	8.98	15.34	8.90	10.06	25.30	10.77
11.70	13.27	12.02	12.54	17.93	13.48	19.59	9.57	12.18	10.60	12.12
11.71	7.45	19.40	-5.79	50.25	50.04	27.74	7.61	21.09	-58.08	12.60
17.60	18.81	20.46	19.76	20.76	13.59	23.88	19.79	14.32	43.70	18.95
17.29	19.46	20.24	19.49	25.80	19.80	27.35	17.50	19.33	17.98	19.38
-1.74	3.43	-1.07	-1.37	24.27	45.62	14.52	-11.58	35.03	-58.65	2.20
21.25	18.64	22.35	18.27	18.82	23.64	14.51	25.28	23.25	7.71	21.10
22.58	21.53	21.87	22.10	13.40	18.72	13.90	24.33	20.71	18.69	21.16
6.29	15.49	-2.16	21.01	-28.77	-20.80	-4.20	-3.77	-10.94	142.28	.30
318.69	279.62	335.22	273.98	282.27	354.53	217.64	379.21	348.79	115.67	316.47
338.73	322.93	327.98	331.56	201.04	280.79	208.52	364.92	310.62	280.34	317.43
6.29	15.49	-2.16	21.02	-28.78	-20.80	-4.19	-3.77	-10.94	142.36	.30
5,101	7,789	10,832	8,567	5,613	5,681	1,236	16,261	5,934	516	67,530
6,068	9,202	12,429	10,213	3,663	5,059	1,904	20,448	5,904	984	75,874
18.96	18.14	14.74	19.21	-34.74	-10.95	54.05	25.75	-51	90.70	12.36
14	15	16	17	15	21	8	18	20	10	16
16	19	23	10	11	17	12	18	17	12	16
16.84	20.87	38.62	-37.47	-25.60	-16.30	37.55	-0.17	-10.10	19.26	-3.19
3,339	3,452	3,375	3,647	3,369	3,184	3,338	3,373	3,508	2,926	3,407
3,965	4,284	3,943	4,158	3,605	3,784	4,085	3,493	3,783	2,972	3,848
18.73	24.10	16.83	14.01	7.02	18.85	22.39	3.55	7.85	1.56	12.94
16.006	27.856	32.313	31.269	19.885	16.024	5.679	42.881	17.013	4.461	213.387
17.914	28.495	37.896	30.803	18.220	18.017	9.131	56.035	19.007	3.510	239.028
11.92	2.29	17.28	-1.49	-8.37	12.44	60.79	30.68	11.72	-21.32	12.02

TABLE 18
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		EDUCATION					LEVELS 3 & 5 MASTERS AND PROFESSIONAL		UT CHATT.
		APSU	ETSU	MSU	MTSU	TSU	TTU		
DIRECT TEACHING	1969	20.80	24.86	14.99	18.96	22.67	19.33	41.71	
	1971	22.13	23.97	21.92	18.80	17.88	21.93	17.17	
	PERCENT CHANGED	6.39	-3.58	46.16	-.83	-21.11	13.46	-58.82	
TOTAL INSTRUCTIONAL	1969	27.53	34.26	26.18	25.91	33.31	24.90	53.77	
	1971	31.89	32.75	38.09	25.91	28.07	31.50	24.10	
	PERCENT CHANGED	15.83	-4.38	45.47		-15.74	26.51	-52.52	
FTE STUDENT-FACULTY RATIO	1969	16.31	12.39	22.12	18.74	15.37	16.12	8.37	
	1971	16.08	15.53	17.22	20.29	20.17	14.92	21.58	
	PERCENT CHANGED	-1.44	25.32	-22.16	8.23	31.17	-7.41	157.84	
STCRHRS / FTE TEACH-FAC	1969	195.76	148.64	265.48	224.90	184.48	193.41	103.42	
	1971	192.93	186.30	206.64	243.42	242.01	179.07	259.01	
	PERCENT CHANGED	-1.44	25.33	-22.16	8.23	31.18	-7.41	157.92	
STUDENT CRHPS PRODUCED	1969	471	1,729	4,921	1,503	642	1,056	216	
	1971	890	2,553	6,274	1,747	1,158	2,328	503	
	PERCENT CHANGED	88.96	47.66	27.49	16.23	80.37	92.05	132.87	
WEIGHTED AVG. CLASS SIZE	1969	11	9	15	15	11	12	7	
	1971	11	10	13	13	17	12	13	
	PERCENT CHANGED	-4.84	18.17	-16.65	-11.99	46.93	4.67	73.22	
AVG. SALARY/FTE TFACH	1969	4,072	3,696	3,980	4,264	4,182	3,738	4,188	
	1971	4,269	4,466	4,528	4,577	4,328	3,927	4,447	
	PERCENT CHANGED	4.86	20.85	13.77	7.34	3.48	5.35	6.18	
NO. OF FTE TEACHING FAC.	1969	2,406	11,632	18,536	6,683	3,480	5,460	2,151	
	1971	4,613	13,704	30,362	7,177	4,785	11,325	1,942	
	PERCENT CHANGED	91.73	17.81	63.80	7.39	37.50	107.42	-9.72	

TABLE 18
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

EDUCATION	LEVELS 3 & 5 MASTERS AND PROFESSIONAL									
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.
20.80	24.86	14.99	18.96	22.67	19.33	41.71	16.85	29.00	35.58	18.39
22.13	23.97	21.92	18.80	17.88	21.93	17.17	18.11	15.20	13.60	19.79
6.39	-3.58	46.16	- .83	-21.11	13.46	-58.82	7.50	-47.59	-61.78	7.63
27.53	34.26	26.18	25.91	33.31	24.90	53.77	34.78	35.22	56.22	30.90
31.89	32.75	38.09	25.91	28.07	31.50	24.10	35.49	25.28	21.48	33.03
15.83	-4.38	45.47		-15.74	26.51	-52.52	2.06	-28.22	-61.78	0.89
16.31	12.39	22.12	18.74	15.37	16.12	8.37	19.34	11.44	10.21	17.87
16.08	15.53	17.22	20.29	20.17	14.92	21.58	20.40	22.13	23.68	18.42
-1.44	25.32	-22.16	8.23	31.17	-7.41	157.84	5.49	93.44	131.83	3.08
195.76	148.64	265.48	224.90	184.48	193.41	103.42	232.10	137.23	122.55	214.38
192.93	186.30	206.64	243.42	242.01	179.07	259.01	244.84	265.51	284.17	221.00
-1.44	25.33	-22.16	8.23	31.18	-7.41	157.92	5.49	93.48	131.87	3.08
471	1,729	4,921	1,503	642	1,056	216	6,167	282	75	17,62
890	2,553	6,274	1,747	1,158	2,328	503	7,419	1,374	1,023	24,969
88.96	47.66	27.49	16.23	80.37	92.05	132.87	20.30	387.23	1,264.00	46.34
11	9	15	15	11	12	7	11	10	8	12
11	10	13	13	17	12	13	10	19	13	12
-4.84	18.17	-16.65	-11.99	46.93	4.67	73.22	-9.06	75.61	49.18	-1.31
4,072	3,696	3,980	4,264	4,182	3,738	4,188	3,911	3,980	4,361	3,943
4,269	4,466	4,528	4,577	4,328	3,927	4,447	4,435	4,035	3,864	4,374
4.86	20.85	13.77	7.34	3.48	5.35	6.18	13.40	1.39	-11.40	10.95
2.406	11.632	18.536	6.683	3.483	5.460	2.151	26.571	2.055	.612	79.586
4.613	13.704	30.362	7.177	4.785	11.325	1.942	33.301	5.175	3.603	112.984
91.73	17.81	63.80	7.39	37.50	107.42	-9.72	14.04	151.82	488.24	41.96

TABLE 19
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		EDUCATION				LEVEL 4 DOCTORAL			K	PSU
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.		
COST PER STUDENT CREDIT HOUR										
DIRECT TEACHING	1969			46.33						4
	1971		55.79	71.44	33.85					4
PERCENT CHANGED				54.20						
TOTAL INSTRUCTIONAL	1969			67.66						7
	1971		59.71	95.57	42.92					7
PERCENT CHANGED				41.25						
FTE STUNT-FACULTY RATIO	1969			7.74						1
	1971		8.07	5.90	11.62					1
PERCENT CHANGED				-23.83						
STCRHRS / FTE TEACH-FAC	1969			92.89						12
	1971		96.77	70.74	139.48					12
PERCENT CHANGED				-23.85						
STUDENT CRHRS PRODUCED	1969			294						1
	1971		252	417	218					7
PERCENT CHANGED				41.84						
WEIGHTED AVG. CLASS SIZE	1969			5						
	1971		4	5	9					
PERCENT CHANGED				5.75						
AVG. SALARY/FTE TEACH	1969			4,303						4
	1971		5,399	5,053	4,721					5
PERCENT CHANGED				17.43						1
NO. OF FTE TEACHING FAC.	1969			3.165						6
	1971		2.604	5.895	1.563					11
PERCENT CHANGED				86.26						6

TABLE 19
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

EDUCATION	LEVEL 4 DOCTORAL									TOTAL
	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	
PSU										
	55.79	46.33 71.44 54.20	33.8				40.08 43.59 8.77			41.73 49.07 17.57
	59.71	67.66 95.57 41.25	42.92				79.54 78.68 -1.08			76.39 76.27 - .16
	8.07	7.74 .90 -23.83	11.62				10.05 10.24 1.97			9.31 8.89 -4.54
	96.77	92.89 70.74 -23.85	139.48				120.54 122.91 1.97			111.72 106.65 -4.54
	252	294 417 41.84	218				814 1,406 72.73			1,108 2,293 106.95
	4	5 5 5.75	9				4 4 3.07			4 5 5.55
	5,379	4,303 5,053 17.43	4,721				4,831 5,358 10.91			4,662 5,233 12.24
	2.604	3.165 5.895 86.26	1.563				6.753 11.439 69.39			9.918 21.501 116.79

TABLE 20
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		EDUCATION				TOTAL ALL LEVELS				K
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.		
DIRECT TEACHING	1969	9.55	12.79	10.41	11.08	10.27	8.60	13.86	15.00	15.00
	1971	11.88	13.67	14.20	11.46	12.77	12.08	14.06	12.00	12.00
	PERCENT CHANGED	24.37	6.87	36.34	3.44	24.37	40.37	1.41	21.00	21.00
TOTAL INSTRUCTIONAL	1969	14.92	18.98	20.27	17.26	17.26	12.63	19.11	21.00	21.00
	1971	17.23	19.24	23.96	17.72	19.29	18.72	20.58	23.00	23.00
	PERCENT CHANGED	15.46	1.35	18.18	2.63	11.75	48.20	7.68	6.00	6.00
FTE STDNT-FACULTY RATIO	1969	22.83	17.75	21.67	21.17	21.27	24.49	16.58	22.00	22.00
	1971	21.45	20.67	18.85	24.15	18.41	20.31	19.50	20.00	20.00
	PERCENT CHANGED	-6.01	16.42	-13.03	14.07	-13.42	-17.03	17.61	-7.00	-7.00
STCRHRS / FTE TFACH-FAC	1969	338.34	259.71	310.92	311.28	315.45	359.49	245.93	319.00	319.00
	1971	315.50	300.11	268.01	353.63	268.41	293.61	287.14	293.00	293.00
	PERCENT CHANGED	-6.75	15.55	-13.80	13.61	-14.91	-18.33	16.76	-8.00	-8.00
STUDENT CRHRS PRODUCED	1969	9,849	17,105	28,649	18,794	14,298	12,167	4,875	32,000	32,000
	1971	11,178	21,226	30,526	20,326	10,020	13,421	6,799	36,000	36,000
	PERCENT CHANGED	13.49	24.09	6.55	8.15	-29.92	10.31	39.47	9.00	9.00
WEIGHTED AVG. CLASS SIZE	1969	18	17	19	21	18	23	16	19.00	19.00
	1971	19	19	20	14	16	18	19	19.00	19.00
	PERCENT CHANGED	3.71	9.46	.93	-31.46	-12.98	-18.73	19.88	-14.00	-14.00
AVG. SALARY/FTE TEACH	1969	3,232	3,321	3,238	3,450	3,240	3,093	3,409	3,000	3,000
	1971	3,749	4,101	3,805	4,054	3,429	3,546	4,036	3,000	3,000
	PERCENT CHANGED	15.99	23.49	17.53	17.51	5.83	14.66	18.40	11.00	11.00
NO. OF FTE TEACHING FAC.	1969	29.110	65.862	92.144	60.377	45.326	33.845	19.823	103.00	103.00
	1971	35.430	70.728	113.899	57.478	37.331	45.710	23.678	123.00	123.00
	PERCENT CHANGED	21.71	7.39	23.61	-4.80	-17.64	35.06	19.45	19.00	19.00

TABLE 20
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	EDUCATION			TOTAL ALL LEVELS							TOTAL
	APSU	ETSU	MSU	MTSU	TSU	YTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	
9	9.55	12.79	10.41	11.03	10.27	8.60	13.86	10.56	11.29	24.48	10.82
1	11.88	13.67	14.20	11.46	12.77	12.08	14.06	12.81	12.95	12.48	12.94
	24.37	6.87	36.34	3.44	24.37	40.37	1.41	21.25	14.76	-49.00	19.62
9	14.92	18.98	20.27	17.26	17.26	12.63	19.11	21.93	15.80	42.77	18.63
1	17.23	19.24	23.96	17.72	19.29	18.72	20.58	23.30	20.42	19.83	20.80
	15.46	1.35	18.18	2.63	11.75	48.20	7.68	6.23	29.18	-53.62	11.67
9	22.83	17.75	21.67	21.17	21.27	24.49	16.58	22.41	18.90	8.59	20.92
1	21.45	20.67	18.85	24.15	18.41	20.31	19.50	20.77	19.20	20.48	20.39
	-6.01	16.42	-13.03	14.07	-13.42	-17.03	17.61	-7.32	1.57	138.26	-2.50
9	338.34	259.71	310.92	311.28	315.45	359.49	245.93	319.27	281.40	125.53	304.46
1	315.50	300.11	268.01	353.63	268.41	293.61	287.14	293.70	278.80	276.23	293.59
	-6.75	15.55	-13.80	13.61	-14.91	-18.33	16.76	-8.01	-.93	120.04	-3.57
9	9,849	17,105	28,649	18,794	14,298	12,167	4,875	32,896	9,378	705	148,716
1	11,178	21,226	30,526	20,326	10,020	13,421	6,799	36,175	10,459	2,283	162,413
	13.49	24.09	6.55	8.15	-29.92	10.31	39.47	9.97	11.53	223.83	9.21
9	18	17	19	21	18	23	16	17	21	10	18
1	19	19	20	14	16	18	19	14	19	13	17
	3.71	9.46	.93	-31.46	-12.98	-18.73	19.88	-14.63	-10.30	23.28	-9.63
9	3,232	3,321	3,238	3,450	3,240	3,093	3,409	3,372	3,176	3,072	3,294
1	3,749	4,101	3,805	4,054	3,429	3,546	4,036	3,762	3,612	3,447	3,800
	15.99	23.49	17.53	17.51	5.83	14.66	18.40	11.55	13.71	12.19	15.36
9	29.110	65.862	92.144	60.377	45.326	33.845	19.823	103.034	33.326	5.616	488.463
1	35.430	70.728	113.899	57.478	37.331	45.710	23.678	123.171	37.515	8.265	553.205
	21.71	7.39	23.61	-4.80	-17.64	35.06	19.45	19.54	12.57	47.17	13.25

TABLE 20
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		EDUCATION				TOTAL ALL LEVELS			
		CLEV.	COL.	DYER S.	JACK.	MOTLOW	ROANE	VOL.	WALT
DIRECT TEACHING	1969	7.92	6.83		9.13				
	1971	8.93	7.85	9.98	13.86	10.48	7.84	11.44	10
PERCENT CHANGED		12.80	14.99		51.84				
TOTAL INSTRUCTIONAL	1969	10.33	8.80		14.21				
	1971	18.04	14.70	13.36	19.20	11.83	11.84	13.16	13
PERCENT CHANGED		74.61	67.00		35.10				
FTE STONT-FACULTY RATIO	1969	20.59	24.79		19.23				
	1971	20.85	26.38	18.86	15.99	17.54	20.40	15.04	18
PERCENT CHANGED		1.27	6.41		-16.84				
STCRHRS / FTE TEACH-FAC	1969	308.84	371.91		288.49				
	1971	312.76	395.74	282.86	239.89	263.06	306.00	225.56	280
PERCENT CHANGED		1.27	6.41		-16.84				
STUDENT CRHRS PRODUCED	1969	1,362	1,504		1,308				
	1971	1,566	1,655	736	1,543	841	153	766	1,
PERCENT CHANGED		14.98	10.64		17.97				
WEIGHTED AVG. CLASS SIZE	1969	30	31		22				
	1971	28	29	26	21	24	31	19	
PERCENT CHANGED		-3.77	-7.22		-3.26				
AVG. SALARY/FTE TEACH	1969	2,445	2,538		2,633				
	1971	2,793	3,106	2,823	3,324	2,757	2,400	2,580	2,
PERCENT CHANGED		14.24	22.36		26.28				
NO. OF FTE TEACHING FAC.	1969	4.410	4.044		4.534				
	1971	5.007	4.182	2.602	6.432	3.197	.500	3.396	3.
PERCENT CHANGED		13.54	3.41		41.86				

TABLE 20
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

EDUCATION			TOTAL ALL LEVELS					TOTAL	TOTAL
CL EV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	C. C.	ALL
7.92	6.83		9.13					7.90	10.74
8.93	7.85	9.98	13.86	10.48	7.84	11.44	10.37	10.18	12.84
12.80	14.99		51.84					28.75	19.54
10.33	8.80		14.21					10.99	18.42
18.04	14.70	13.36	15.20	11.83	11.84	13.16	13.46	16.08	20.62
74.61	67.00		35.10					46.27	11.96
20.59	24.79		19.23					21.43	20.93
20.85	26.38	18.86	15.99	17.54	20.40	15.04	18.69	19.74	20.37
1.27	6.41		-16.84					-7.89	-2.68
308.84	371.91		288.49					321.37	304.90
312.76	395.74	282.86	239.89	263.06	306.00	225.56	280.37	296.03	293.68
1.27	6.41		-16.84					-7.89	-3.68
1,362	1,504		1,308					4,174	152,890
1,566	1,655	736	1,543	841	153	766	1,117	6,341	168,754
14.98	10.04		17.97					51.92	10.38
30	31		22					27	19
28	29	26	21	24	31	19	21	26	17
-3.77	-7.22		-3.26					-5.79	-9.24
2,445	2,538		2,633					2,540	3,275
2,793	3,106	2,823	3,324	2,757	2,400	2,580	2,907	3,012	3,771
14.24	22.36		26.28					18.60	15.15
4.410	4.044		4.534					12.988	501.451
5.007	4.182	2.602	6.432	3.197	.500	3.396	3.984	21.420	574.625
13.54	3.41		41.86					64.92	14.59

TABLE 21
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ENGINEERING				LEVEL 1	LOWER LEVEL		PSU
		APSU	ETSU	MSU	MTSU	TSU	TTU	JT CHATT.	
DIRECT TEACHING	1969		12.05	12.07	11.50	16.97	9.58	11.29	
	1971		15.31	14.60	10.84	19.19	9.57	25.97	
PERCENT CHANGED			27.03	20.95	-5.77	13.09	-.06	130.06	
TOTAL INSTRUCTIONAL	1969		21.33	47.18	18.61	31.44	23.37	15.53	
	1971		26.43	32.15	18.47	34.25	24.55	46.25	
PERCENT CHANGED			23.95	-31.84	-.73	8.93	5.03	197.73	
FTE STDNT-FACULTY RATIO	1969		20.88	17.50	20.68	14.38	21.49	20.07	
	1971		18.10	17.84	24.08	14.39	25.63	11.52	
PERCENT CHANGED			-13.33	1.94	16.48	.02	19.23	-42.60	
STCRHRS / FTE TEACH-FAC	1969		313.25	262.55	310.13	215.74	322.39	301.00	30
	1971		271.48	267.66	361.26	215.78	384.40	172.73	24
PERCENT CHANGED			-13.34	1.94	16.48	.02	19.23	-42.61	-2
STUDENT CRHRS PRODUCED	1969		156	2,379	1,417	850	3,379	875	8
	1971		989	3,051	1,669	938	2,755	693	9
PERCENT CHANGED			533.97	28.25	17.78	10.35	-18.47	-23.80	-3
WEIGHTED AVG. CLASS SIZE	1969		26	21	21	12	26	22	
	1971		20	22	23	12	31	18	
PERCENT CHANGED			-23.47	4.62	7.79	.31	18.73	-23.35	-1
AVG. SALARY/FTE TEACH	1969		3,775	3,168	3,568	3,660	3,087	3,397	3
	1971		4,136	3,907	3,916	4,140	3,678	4,486	3
PERCENT CHANGED			10.10	23.31	9.76	13.12	19.15	32.05	
NO. OF FTE TEACHING FAC.	1969		.498	9.061	4.569	3.940	10.481	2.907	29
	1971		3.643	11.399	4.620	4.347	7.167	4.312	24
PERCENT CHANGED			631.53	25.80	1.12	10.33	-31.62	38.01	-1

TABLE 21
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

PSU	ENGINEERING									
	LEVEL 1					LOWER LEVEL				
	ETSU	MSU	MTSU	TSU	TIU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
	12.05	12.07	11.50	16.97	9.58	11.29	11.78	18.33	34.57	12.29
	15.31	14.60	10.84	19.19	9.57	25.97	16.09	21.33	9.72	15.12
	27.03	20.95	-5.77	13.09	-0.06	130.06	36.56	16.35	-71.87	23.03
	21.33	47.18	18.61	31.44	23.37	15.53	24.23	24.14	55.55	26.71
	26.43	32.15	18.47	34.25	24.55	46.25	33.42	38.24	21.54	30.73
	23.95	-31.84	-0.73	8.93	5.03	197.73	37.90	58.43	-61.23	15.04
	20.88	17.50	20.68	14.38	21.49	20.07	20.11	12.02	5.96	18.43
	18.10	17.84	24.08	14.39	25.63	11.52	16.07	11.93	20.90	17.27
	-13.33	1.94	16.48	.02	19.23	-12.60	-20.08	-0.77	250.71	-6.31
	313.25	262.55	310.13	215.74	322.39	301.00	301.61	180.27	89.33	276.45
	271.48	267.66	361.26	215.78	384.40	172.73	241.03	178.90	313.52	258.98
	-13.34	1.94	16.48	.02	19.23	-42.61	-20.09	-0.76	250.95	-6.32
	156	2,379	1,417	850	3,379	875	8,981	1,250	211	19,498
	989	3,051	1,669	938	2,755	693	5,881	1,319	269	17,564
	533.97	28.25	17.78	10.35	-18.47	-20.80	-34.52	5.52	27.49	-9.92
	26	21	21	12	26	22	28	17	8	23
	20	22	23	12	31	18	24	14	21	21
	-23.47	4.62	7.79	.31	18.73	-20.35	-15.41	-16.37	145.99	-7.18
	3,775	3,168	3,568	3,660	3,087	3,397	3,553	3,304	3,088	3,396
	4,156	3,907	3,916	4,140	3,678	4,486	3,878	3,815	3,048	3,915
	10.10	23.31	9.76	13.12	19.15	32.05	9.15	15.47	-1.32	15.26
	.498	9.061	4.569	3.940	10.481	2.907	29.777	6.934	2.362	70.529
	3.643	11.399	4.620	4.377	7.167	4.012	24.400	7.373	.858	67.819
	631.57	25.80	1.12	10.33	-31.62	38.01	-18.06	6.33	-63.67	-3.84

TABLE 21
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	ENGINEERING				LEVEL 1 LOWER LEVEL		
	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL. WA
COST PER STUDENT CREDIT HOUR							
DIRECT TEACHING 1969							
PERCENT CHANGED 1971						19.64	
TOTAL INSTRUCTIONAL 1969							
PERCENT CHANGED 1971						52.54	
FTE STDNT-FACULTY RATIO 1969							
PERCENT CHANGED 1971						9.39	
STCRHRS / FTE TEACH-FAC 1969							
PERCENT CHANGED 1971						140.85	
STUDENT CRHRS PRODUCED 1969							
PERCENT CHANGED 1971						30	
WEIGHTED AVG. CLASS SIZE 1969							
PERCENT CHANGED 1971						<-10-	
AVG. SALARY/FTE TEACH 1969							
PERCENT CHANGED 1971						2,766	
NO. OF FTE TEACHING FAC. 1969							
PERCENT CHANGED 1971						.213	

TABLE 21
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

ENGINEERING				LEVEL 1	LOWER LEVEL			TOTAL C. C.	TOTAL AL.
CLEV.	CJL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS		
					19.64				12.29 15.12 23.03
					52.54				26.71 30.73 15.04
					9.39				18.43 17.27 -6.31
					140.85				276.45 258.98 -6.32
					30				19,498 17,564 -9.92
					10				23 21 -7.18
					2,766				3,396 3,915 15.26
					.213				70.529 67.819 -3.84

TABLE 22
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ENGINEERING				LEVEL 2 UPPER LEVEL			UT CHATT.	UT KNOX
		APSU	ETSU	MSU	MTSU	TSU	TTU			
DIRECT TEACHING	1969		15.30	18.86	21.70	20.13	14.11	11.88	15.88	
	1971		22.39	24.94	19.97	30.50	19.43	22.32	18.88	
PERCENT CHANGED			46.32	32.23	-8.00	51.52	37.70	87.81	19.43	
TOTAL INSTRUCTIONAL	1969		26.25	52.15	30.14	39.95	34.90	16.70	41.88	
	1971		34.33	52.59	29.84	54.95	42.43	43.43	45.88	
PERCENT CHANGED			30.75	.84	-.98	37.55	21.57	159.97	8.88	
FTE STONT-FACULTY RATIO	1969		15.70	12.73	11.57	12.86	17.39	15.25	17.88	
	1971		13.16	12.00	13.05	8.66	14.77	11.09	16.88	
PERCENT CHANGED			-16.16	-5.73	12.84	-32.63	-15.10	-27.27	-7.88	
STC ² HRS / FTE TEACH-FAC	1969		235.53	190.94	173.49	192.90	260.88	228.78	263.88	
	1971		197.45	180.00	195.78	129.93	221.48	166.36	243.88	
PERCENT CHANGED			-16.17	-5.73	12.85	-32.64	-15.10	-27.28	-7.88	
STUDENT CRHRS PRODUCED	1969		867	2,551	585	1,065	6,090	477	10,488	
	1971		1,392	2,711	975	948	5,104	451	9,488	
PERCENT CHANGED			60.55	6.27	66.67	-10.99	-16.19	-5.45	-7.88	
WEIGHTED AVG. CLASS SIZE	1969		17	14	12	9	18	16	17.88	
	1971		14	13	13	8	17	15	16.88	
PERCENT CHANGED			-17.40	-9.79	13.22	-11.79	-5.87	-6.79	-1.88	
AVG. SALARY/FTE TEACH	1969		3,603	3,602	3,765	3,883	3,580	2,719	4,088	
	1971		4,420	4,490	3,909	3,963	4,303	3,714	4,488	
PERCENT CHANGED			22.67	24.65	3.82	2.07	16.91	36.59	10.88	
NO. OF FTE TEACHING FAC.	1969		3,681	13,360	3,372	5,521	23,344	2,085	39,688	
	1971		7,050	15,061	4,980	7,296	23,045	2,711	39,688	
PERCENT CHANGED			91.52	12.73	47.69	32.15	-1.28	30.02	0.88	

TABLE 22
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

ENGINEERING										
LEVEL 2 UPPER LEVEL										
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT WASH.	TOTAL
15.30	18.86	21.70	20.13	14.11	11.88	15.36	25.76	26.33	15.83	
22.39	24.94	19.97	30.50	19.43	22.32	18.36	79	13.59	20.36	
46.32	32.23	-8.00	51.52	37.70	87.81	19.52	5.99	-48.36	28.61	
26.25	52.15	30.14	39.95	34.90	16.70	41.89	31.75	46.37	39.58	
34.33	52.59	29.84	54.95	42.43	43.43	45.61	45.24	30.06	44.39	
30.75	.84	-.98	37.55	21.57	159.97	8.88	42.49	-35.18	12.14	
15.70	12.73	11.57	12.86	17.39	15.25	17.56	10.20	9.37	16.08	
13.16	12.00	13.05	8.66	14.77	11.09	16.23	8.77	18.92	14.16	
-16.16	-5.73	12.84	-32.63	-15.10	-27.27	-7.62	-14.05	101.88	-11.94	
235.53	190.94	173.49	192.90	260.88	229.78	263.46	153.06	140.56	241.22	
197.45	180.00	195.78	129.93	221.48	166.36	243.39	131.55	283.84	212.41	
-16.17	-5.73	12.85	-32.64	-15.10	-27.28	-7.62	-14.06	101.93	-11.94	
867	2,551	585	1,065	6,090	477	10,443	90	105	22,273	
1,392	2,711	975	948	5,104	451	9,656	216	390	21,843	
60.55	6.27	66.67	-10.99	-16.19	-5.45	-7.54	140.00	271.43	-1.93	
17	14	12	9	18	16	18	15	9	16	
14	13	13	8	17	15	17	11	12	15	
-17.40	-9.79	13.22	-11.79	-5.87	-6.79	-1.61	-23.43	33.17	-6.25	
3,603	3,602	3,765	3,883	3,580	2,719	4,047	3,943	3,701	3,819	
4,420	4,490	3,909	3,963	4,303	3,714	4,469	3,524	3,859	4,325	
22.67	24.65	3.82	2.07	16.91	35.59	10.42	-10.62	4.25	13.26	
3.681	13.360	3.372	5.521	23.344	2.085	39.638	.588	.747	92.336	
7.050	15.061	4.980	7.296	23.045	2.711	39.673	1.642	1.374	102.832	
91.52	12.73	47.69	32.15	-1.28	30.02	.09	179.25	83.94	11.37	

TABLE 23
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ENGINEERING					LEVELS 3 & 5 MASTERS AND PROFESSION		K	APS
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.		
DIRECT TEACHING	1969		41.65	36.65	107.14		43.25			
	1971		40.83	51.31	13.02		58.27			
PERCENT CHANGED			-1.97	40.00	-87.85		35.34			
TOTAL INSTRUCTIONAL	1969		55.46	91.81	120.42		94.35			
	1971		56.43	105.37	18.48		206.40			
PERCENT CHANGED			1.75	14.76	-84.65		118.76			
FTE STONT-FACULTY RATIO	1969		7.33	11.03	3.19		7.88			
	1971		9.65	8.41	21.49		6.40			
PERCENT CHANGED			31.71	-23.70	572.08		-18.84			
STCRHRS / FTE TEACH-FAC	1969		87.91	132.33	38.31		94.57			
	1971		115.82	100.95	257.86		76.74			
PERCENT CHANGED			31.75	-23.71	572.95		-18.85			
STUDENT CRHRS PRODUCED	1969		24	431	30		717			
	1971		112	456	123		764			
PERCENT CHANGED			366.67	5.80	310.00		6.56			
WEIGHTED AVG. CLASS SIZE	1969		22	9	4		5			
	1971		6	6	17		4			
PERCENT CHANGED			-69.57	-33.02	272.13		-9.69			
AVG. SALARY/FTE TEACH	1969		3,662	4,849	4,105		4,071			
	1971		4,729	5,179	3,357		4,471			
PERCENT CHANGED			29.15	6.81	-18.22		9.82			
NO. OF FTE TEACHING FAC.	1969		.273	3.257	.783		7.582			
	1971		.967	4.517	.477		9.956			
PERCENT CHANGED			254.21	38.69	-39.08		31.31			

TABLE 23
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

APSU	ENGINEERING					LEVELS 3 & 5 MASTERS AND PROFESSIONAL				TOTAL
	ETSU	MSU	MTSU	-TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	
	41.65	36.65	107.14		43.05		38.91		53.46	40.10
	40.85	51.31	13.02		58.27		46.89		17.91	47.73
	-1.97	40.00	-87.85		35.34		20.49		-66.49	19.02
	55.46	91.81	120.42		94.35		91.79		86.62	92.14
	56.43	105.37	18.48		206.40		121.04		74.53	129.26
	1.75	14.76	-84.65		118.76		31.87		-13.96	40.27
	7.33	11.03	3.19		7.88		9.48		5.00	9.04
	9.65	8.41	21.49		6.40		9.10		18.75	8.61
	31.71	-23.70	572.08		-18.84		-3.98		274.73	-4.77
	87.91	132.33	38.31		94.57		113.75		60.00	108.44
	115.82	100.95	257.86		76.74		109.22		225.00	103.27
	31.75	-23.71	572.95		-18.85		-3.98		274.98	-4.77
	24	431	30		717		2,976		63	4,241
	112	456	123		764		2,658		81	4,194
	366.67	5.80	310.00		6.56		-10.69		28.57	-1.11
	22	9	4		5		6		4	6
	6	6	17		4		6		4	5
	-69.57	-33.02	272.13		-9.69		-7.45		-7.30	-9.23
	3,662	4,849	4,105		4,071		4,426		3,207	4,348
	4,729	5,179	3,357		4,471		5,121		4,030	4,929
	29.15	6.81	-18.22		9.82		15.69		25.64	13.34
	.273	3.257	.783		7.582		26.163		1.050	39.108
	.967	4.517	.477		9.956		24.336		.360	40.613
	254.21	38.69	-39.08		31.31		-6.98		-65.71	3.85

TABLE 24
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	ENGINEERING				LEVEL 4 DOCTORAL		
	APSU	ETSU	MSU	MTSU	TSU	YTU	UT CHATT.
COST PER STUDENT CREDIT HOUR							
DIRECT TEACHING							
1969							
1971							
PERCENT CHANGED							
TOTAL INSTRUCTIONAL							
1969							
1971							
PERCENT CHANGED							
FTE STUDENT-FACULTY RATIO							
1969							
1971							
PERCENT CHANGED							
STCPHRS / FTE TFACH-FAC							
1969							
1971							
PERCENT CHANGED							
STUDENT CRHRS PRODUCED							
1969							
1971							
PERCENT CHANGED							
WEIGHTED AVG. CLASS SIZE							
1969							
1971							
PERCENT CHANGED							
AVG. SALARY/FTE TEACH							
1969							
1971							
PERCENT CHANGED							
NO. OF FTE TEACHING FAC.							
1969							
1971							
PERCENT CHANGED							

TABLE 24
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

ENGINEERING		LEVEL 4 DOCTORAL								
APSU	ETSU	MSU	MTSU	TSU	TFU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
							61.54			61.54
							98.88			98.88
							60.67			60.67
							156.22			156.22
							231.16			231.16
							47.97			47.97
							6.94			6.94
							4.49			4.49
							-35.29			-35.29
							83.29			83.29
							53.87			53.87
							-35.32			-35.32
							866			866
							547			547
							-36.84			-36.84
							3			3
							2			2
							-19.28			-19.28
							5,125			5,125
							5,326			5,326
							3.92			3.92
							10.398			10.398
							10.155			10.155
							-2.34			-2.34

TABLE 25
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ENGINEERING				TOTAL ALL LEVELS			
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	JT KNOX
DIRECT TEACHING	1969		15.42	17.28	15.85	18.73	14.64	11.50	18.71
	1971		20.41	21.80	14.15	24.83	17.72	24.53	24.04
	PERCENT CHANGED		32.35	26.17	-10.72	32.83	34.66	113.34	28.49
TOTAL INSTRUCTIONAL	1969		26.19	53.13	23.43	36.17	35.26	15.95	45.71
	1971		32.19	46.43	22.48	44.66	51.24	45.14	57.90
	PERCENT CHANGED		22.91	-12.61	-4.06	23.45	45.33	183.04	26.66
FTE STUDENT-FACULTY RATIO	1969		15.77	14.20	15.59	13.49	16.69	18.06	15.24
	1971		14.41	13.63	18.51	10.80	14.63	11.34	13.22
	PERCENT CHANGED		-8.58	-4.02	18.76	-19.96	-12.33	-37.16	-13.26
STC/HRS / FTE TEACH-FA.	1969		235.18	208.78	232.92	202.41	246.00	270.83	219.54
	1971		213.81	200.73	274.59	161.99	214.67	170.16	190.19
	PERCENT CHANGED		-9.09	-3.85	17.89	-19.97	-12.73	-37.17	-13.34
STUDENT CRHS PRODUCED	1969		1,047	5,361	2,032	1,915	10,185	1,352	23,266
	1971		2,493	6,218	2,767	1,886	8,623	1,144	18,742
	PERCENT CHANGED		138.11	15.99	36.17	-1.51	-15.34	-15.38	-19.44
WEIGHTED AVG. CLASS SIZE	1969		18	16	17	10	15	20	14
	1971		15	15	18	9	15	16	12
	PERCENT CHANGED		-17.61	-7.75	9.72	-5.69	-8.51	-15.60	-9.71
AVG. SALARY/FTE TEACH	1969		3,626	3,607	3,692	3,790	3,532	3,114	4,108
	1971		4,363	4,376	3,886	4,029	4,233	4,175	4,572
	PERCENT CHANGED		20.33	21.31	5.25	6.31	17.53	34.07	11.30
NO. OF FTE TEACHING FAC.	1969		4.452	25.678	8.724	9.461	41.407	4.992	105.976
	1971		11.660	30.977	10.077	11.643	43.168	6.723	98.564
	PERCENT CHANGED		161.90	20.64	15.51	23.06	-2.99	34.68	-6.92

TABLE 25
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

ENGINEERING			TOTAL ALL LEVELS							
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
	15.42	17.28	15.85	18.73	14.64	11.50	18.71	18.83	35.43	17.40
	20.41	21.80	14.15	24.88	19.72	24.53	24.04	22.10	12.66	21.85
	32.35	26.17	-10.72	32.83	34.66	113.34	28.49	17.35	-64.26	25.58
	26.19	53.13	23.43	36.17	35.26	15.95	45.71	24.65	58.17	41.14
	32.19	46.43	22.48	44.66	51.24	45.14	57.90	39.22	31.83	49.33
	22.91	-12.61	-4.06	23.45	45.33	183.04	26.66	59.14	-45.28	19.91
	15.77	14.20	15.59	13.49	16.69	18.06	15.24	11.88	6.33	15.12
	14.41	13.63	18.51	10.80	14.63	11.34	13.22	11.35	19.55	13.65
	-8.58	-4.02	18.76	-19.96	-12.33	-37.16	-13.26	-4.42	208.84	-9.71
	235.18	208.78	232.92	202.41	246.00	270.83	219.54	178.14	91.13	220.74
	213.81	200.73	274.59	161.99	214.67	170.16	190.15	170.27	285.49	199.39
	-9.04	-3.85	17.89	-19.97	-12.73	-37.17	-13.39	-4.42	213.28	-9.67
	1,047	5,361	2,032	1,915	10,185	1,352	23,266	1,340	379	46,878
	2,493	6,218	2,767	1,886	8,623	1,144	18,742	1,535	740	44,148
	138.11	15.99	36.17	-1.51	-15.34	-15.38	-19.44	14.55	95.25	-5.82
	18	16	17	10	15	20	14	17	7	14
	15	15	18	9	15	16	12	14	11	13
	-17.61	-7.75	9.72	-5.69	-8.01	-15.60	-9.71	-18.45	50.90	-7.17
	3,626	3,607	3,692	3,790	3,502	3,114	4,108	3,354	3,228	3,840
	4,363	4,376	3,886	4,029	4,233	4,175	4,572	3,762	3,614	4,356
	20.33	21.31	5.25	6.31	17.53	34.07	11.30	12.17	11.94	13.44
	4.452	25.578	8.724	9.461	41.407	4.992	105.976	7.522	4.159	212.371
	11.660	30.977	10.077	11.643	43.168	6.723	98.564	9.015	2.592	221.419
	161.90	20.64	15.51	23.06	-2.99	34.68	-6.99	19.85	-37.68	4.26

TABLE 25
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	ENGINEERING				TOTAL ALL LEVELS		
	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.
COST PER STUDENT CREDIT HOUR							
DIRECT TEACHING 1969							
PERCENT CHANGED 1971						19.64	
TOTAL INSTRUCTIONAL 1969							
PERCENT CHANGED 1971						62.54	
FTE STONT-FACULTY RATIO 1969							
PERCENT CHANGED 1971						9.39	
STCRHRS / FTE TEACH-FAC 1969							
PERCENT CHANGED 1971						140.85	
STUDENT CRHRS PRODUCED 1969							
PERCENT CHANGED 1971						30	
WEIGHTED AVG. CLASS SIZE 1969							
PERCENT CHANGED 1971						10	
AVG. SALARY/FTE TEACH 1969							
PERCENT CHANGED 1971						2,766	
NO. OF FTE TEACHING FAC. 1969							
PERCENT CHANGED 1971						.213	

TABLE 25
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

ENGINEERING		TOTAL ALL LEVELS					TOTAL C. C.	TOTAL ALL
CDL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS		
				19.64				17.40 21.85 25.58
				62.54				41.14 49.33 19.91
				9.39				15.12 13.65 -9.71
				140.85				220.74 199.39 -9.67
				30				46,878 44,148 -5.82
				10				14 13 -7.17
				2,766				3,840 4,356 13.44
				.213				212.371 221.419 4.26

TABLE 26
 TENNESSEE HIGH EDUCATION COMMISSION
 COMPARISON COLLEGE STUDY DATA 1969-1971

		FIVE AND APPLIED ARTS				LEVEL 1	LOWER LEVEL	
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.
COST PER STUDENT CREDIT HOUR								
DIRECT TEACHING	1969	9.41	9.32	10.10	8.95	10.54	10.24	12.65
	1971	14.41	11.30	8.97	16.00	13.03	13.57	15.76
PERCENT CHANGED		53.09	21.13	-11.23	78.75	23.63	32.56	24.55
TOTAL INSTRUCTIONAL	1969	14.78	14.90	17.79	17.91	19.63	26.29	18.89
	1971	20.97	16.35	17.26	28.53	18.13	27.56	23.33
PERCENT CHANGED		41.80	9.71	-3.00	59.25	-7.63	2.91	23.54
FTE STUDENT-FACULTY RATIO	1969	23.09	21.86	18.24	21.75	19.80	20.29	19.92
	1971	16.00	22.19	25.81	14.85	17.62	16.92	15.08
PERCENT CHANGED		-30.70	1.52	41.49	-31.73	-10.99	-16.62	-19.28
STCRHRS / FTE TEACH-FAC	1969	346.32	327.86	273.61	326.27	297.02	304.33	298.74
	1971	239.97	332.84	387.18	222.73	264.36	253.74	241.12
PERCENT CHANGED		-30.71	1.52	41.51	-31.73	-11.00	-16.62	-19.29
STUDENT CRHRS PRODUCED	1969	2,613	4,594	8,613	3,325	2,661	1,203	2,976
	1971	2,154	5,168	10,472	2,556	2,334	1,900	3,441
PERCENT CHANGED		-17.57	12.49	21.58	-23.13	-12.29	57.94	15.63
WEIGHTED AVG. CLASS SIZE	1969	27	21	20	22	18	13	26
	1971	21	20	26	16	18	17	27
PERCENT CHANGED		-21.71	-.39	29.45	-25.87	-.96	34.02	3.33
AVG. SALARY/FTE TEACH	1969	3,258	3,057	2,765	2,919	3,130	3,115	3,779
	1971	3,457	3,759	3,473	3,562	3,444	3,443	3,799
PERCENT CHANGED		6.10	22.98	25.61	22.05	10.04	10.53	.53
NO. OF FTE TEACHING FAC.	1969	7,545	14,012	31,479	10,191	8,959	3,953	9,962
	1971	8,976	15,527	27,047	11,476	8,829	7,488	14,271
PERCENT CHANGED		18.97	10.81	-14.08	12.61	-1.45	89.43	43.25

TABLE 26
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

FINE AND APPLIED ARTS			LEVEL 1			LOWER LEVEL				TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	
9.41	9.32	10.10	8.95	10.54	10.24	12.65	10.55	17.20	16.10	10.52
14.41	11.30	8.97	16.00	13.03	13.57	15.76	11.37	17.50	7.50	11.94
53.09	21.13	-11.23	78.75	23.63	32.56	24.55	7.76	1.74	-53.41	13.49
14.78	14.90	17.79	17.91	19.63	26.29	18.88	18.41	24.76	39.99	18.32
20.97	16.35	17.26	28.53	18.13	27.36	23.33	15.87	32.49	9.44	19.29
41.80	9.71	-3.00	59.25	-7.63	2.91	23.54	-13.30	31.19	-76.37	4.81
23.09	21.86	18.24	21.75	19.80	20.29	19.92	22.21	11.75	11.65	19.96
16.00	22.19	25.81	14.85	17.62	16.92	15.08	19.44	12.77	27.57	19.49
-30.70	1.52	41.49	-31.73	-10.99	-16.62	-19.28	-12.47	8.69	136.53	-2.35
346.32	327.86	273.61	326.27	297.02	304.33	298.74	333.10	176.23	174.81	299.38
239.37	332.84	387.18	222.73	264.36	253.74	241.12	291.57	191.56	413.58	292.33
-30.71	1.52	41.51	-31.73	-11.00	-16.62	-19.29	-12.47	8.69	136.58	-2.35
2,613	4,594	8,613	3,325	2,661	1,203	2,976	9,589	1,403	279	37,256
2,154	5,168	10,472	2,556	2,334	1,900	3,441	10,183	1,538	603	40,349
-17.57	12.49	21.58	-23.13	-12.29	57.94	15.63	6.19	9.62	116.13	8.30
27	21	20	22	18	13	26	16	22	7	19
21	20	26	16	18	17	27	19	18	29	21
-21.71	-.39	29.45	-25.87	-.96	34.02	3.33	16.31	-19.35	308.99	9.51
3,258	3,057	2,765	2,919	3,130	3,115	3,779	3,515	3,030	2,815	3,150
3,457	3,759	3,473	3,562	3,444	3,443	3,799	3,315	3,351	3,101	3,491
6.10	22.98	25.61	22.05	10.04	10.53	.53	-5.68	10.58	10.18	10.82
7.545	14.012	31.479	10.191	8.959	3.953	9.962	28.787	7.961	1.596	124.445
8.976	15.527	27.047	11.476	8.829	7.488	14.271	34.925	5.029	1.458	138.226
18.97	10.81	-14.08	12.61	-1.45	89.43	43.25	21.32	.85	-8.65	10.91

TABLE 26
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		FIVE AND APPLIED ARTS				LEVEL 1	LOWER LEVEL	VOL
		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	
DIRECT TEACHING	1969	15.50	9.18		13.44			
	1971	11.53	13.84	13.72	14.59	15.66	9.30	14.5
PERCENT CHANGED		-25.63	50.77		3.53			
TOTAL INSTRUCTIONAL	1969	22.63	12.12		16.22			
	1971	15.91	18.81	16.88	19.06	19.28	15.85	17.3
PERCENT CHANGED		-29.70	55.10		11.32			
FTE STUDENT-FACULTY RATIO	1969	10.97	19.69		14.30			
	1971	17.73	14.63	10.05	14.38	12.54	14.26	11.9
PERCENT CHANGED		61.66	-25.70		.55			
STC3HRS / FTE TEACH-FAC	1969	164.52	295.28		214.53			
	1971	266.01	219.40	150.72	215.71	188.03	213.93	179.6
PERCENT CHANGED		61.68	-25.70		.55			
STUDENT CRHRS PRODUCED	1969	728	1,252		617			
	1971	939	941	452	736	528	129	55
PERCENT CHANGED		28.98	-24.84		-19.29			
WEIGHTED AVG. CLASS SIZE	1969	13	16		17			
	1971	16	12	10	18	13	14	1
PERCENT CHANGED		19.38	-24.10		4.60			
AVG. SALARY/FTE TEACH	1969	2,550	2,710		2,884			
	1971	3,067	3,036	2,067	3,147	2,945	1,990	2,600
PERCENT CHANGED		20.24	12.04		9.13			
NO. OF FTE TEACHING FAC.	1969	4,425	4,240		2,876			
	1971	3,530	4,289	2,999	3,412	2,808	603	3,07
PERCENT CHANGED		-20.23	1.16		18.64			

TABLE 26
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

FINE AND APPLIED ARTS				LEVEL 1 LOWER LEVEL				TOTAL C. G.	TOTAL ALL
CLEV.	CJL.	DYERS.	JACK.	MOTLCW	ROANE	VOL.	WALTERS		
15.50	9.18		13.44					11.96	10.62
11.53	13.84	13.72	14.59	15.66	9.30	14.52	10.37	13.64	12.08
25.63	50.77		8.53					14.02	13.79
22.63	12.12		16.22					16.04	18.17
15.91	18.81	16.88	19.06	19.28	15.85	17.31	12.97	17.73	19.08
29.70	55.10		11.32					10.49	5.00
10.97	19.69		14.30					15.00	19.54
17.73	14.63	10.05	14.38	12.54	14.26	11.97	17.96	14.07	18.89
61.66	-25.70		.55					-6.21	-3.30
164.52	295.28		214.53					225.02	293.07
266.01	219.40	150.72	215.71	188.03	213.93	179.60	269.45	211.06	283.40
61.68	-25.70		.55					-6.21	-3.30
728	1,252		617					2,597	39,853
939	941	452	736	528	129	553	755	3,596	43,945
28.98	-24.84		19.29					38.47	10.27
13	16		17					16	19
16	12	10	18	13	14	15	20	14	20
19.38	-24.10		4.60					-10.72	6.73
2,550	2,710		2,884					2,692	3,111
3,067	3,036	2,067	3,147	2,945	1,990	2,608	2,794	2,879	3,424
20.24	12.04		9.13					6.95	10.05
4.425	4.240		2.876					11.541	135.986
3.530	4.289	2.999	3.412	2.808	.603	3.079	2.802	17.038	155.264
20.23	1.16		18.64					47.63	14.03

TABLE 27
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		FINE AND APPLIED ARTS				LEVEL 2 UPPER LEVEL		
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.
DIRECT TEACHING	1969	25.92	20.41	20.99	18.80	11.24	11.44	25.00
	1971	24.62	18.97	20.34	14.41	45.10	10.74	22.47
PERCENT CHANGED		-5.01	-7.03	-3.11	-23.35	301.22	-6.08	-10.14
TOTAL INSTRUCTIONAL	1969	32.40	28.99	30.84	31.87	18.92	27.68	30.75
	1971	32.68	25.74	33.01	23.96	54.94	19.20	29.37
PERCENT CHANGED		.86	-11.21	7.04	-24.81	190.39	-30.63	-4.50
FTE STDNT-FACULTY RATIO	1969	8.37	10.93	11.32	11.58	20.98	17.33	8.61
	1971	9.69	13.62	12.43	18.16	5.50	19.44	10.83
PERCENT CHANGED		15.76	24.62	12.80	56.82	-73.76	6.40	25.76
STC@HRS / FTE TEACH-FAC	1969	125.50	164.68	165.26	173.70	314.76	259.91	129.20
	1971	145.27	205.25	186.43	272.45	82.55	276.56	162.51
PERCENT CHANGED		15.76	24.63	12.81	56.85	-73.77	6.40	25.78
STUDENT CRHRS PRODUCED	1969	914	1,661	2,604	1,462	740	577	319
	1971	980	1,666	3,401	2,388	476	1,070	652
PERCENT CHANGED		7.22	.30	30.61	63.34	-35.68	85.44	104.39
WEIGHTED AVG. CLASS SIZE	1969	9	9	11	11	16	12	11
	1971	13	12	11	18	6	18	13
PERCENT CHANGED		31.86	27.94	-1.68	59.42	-62.04	45.85	21.62
AVG. SALARY/FTE TEACH	1969	3,253	3,360	3,468	3,265	3,537	2,972	3,231
	1971	3,577	3,894	3,791	3,925	3,724	2,970	3,651
PERCENT CHANGED		9.95	15.87	9.30	20.22	5.27	-.06	13.03
NO. OF FTE TEACHING FAC.	1969	7,283	10,086	15,757	8,417	2,351	2,220	2,469
	1971	6,746	8,117	18,243	8,765	5,766	3,869	4,012
PERCENT CHANGED		-7.37	-19.52	15.78	4.13	145.26	74.28	62.49

TABLE 27
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

FIVE AND APPLIED ARTS				LEVEL 2 UPPER LEVEL						TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT WASH.	
25.92	20.41	20.99	18.80	11.24	11.44	25.00	21.35	23.82	27.42	20.16
24.62	18.97	20.34	14.41	45.10	10.74	22.47	27.35	17.04	30.29	20.89
-5.01	-7.03	-3.11	-23.35	301.22	-6.38	-10.14	28.14	-28.46	10.47	3.62
32.40	28.99	30.84	31.87	18.92	27.68	30.75	36.77	33.52	72.44	31.61
32.68	25.74	33.01	23.96	54.94	19.20	29.37	34.34	36.16	37.52	30.15
.86	-11.21	7.04	-24.81	190.39	-33.63	-4.50	-6.60	7.87	-48.20	-4.62
8.37	10.98	11.02	11.58	20.98	17.33	8.61	12.35	9.00	6.98	11.52
9.69	13.68	12.43	18.16	5.50	19.44	10.83	9.58	11.82	5.74	11.99
15.76	24.62	12.80	56.82	-73.76	6.40	25.76	-22.45	31.31	-17.72	4.11
125.50	164.68	165.26	173.70	314.76	259.91	129.20	185.30	135.05	104.71	172.75
145.27	205.25	186.43	272.45	82.55	276.56	162.51	143.69	177.36	86.14	179.86
15.76	24.63	12.81	56.85	-73.77	6.40	25.78	-22.46	31.33	-17.73	4.12
914	1,661	2,604	1,462	740	577	319	2,804	126	60	11,267
980	1,666	3,401	2,388	476	1,070	652	2,271	47	69	13,520
7.22	.30	30.61	63.34	-35.68	85.44	104.39	-19.01	-62.70	15.00	15.56
9	9	11	11	16	12	11	7	11	3	9
13	12	11	18	6	18	13	8	9	6	11
31.86	27.94	-1.68	59.42	-62.04	45.85	21.62	16.39	-17.19	86.18	19.61
3,253	3,360	3,468	3,265	3,537	2,972	3,231	3,955	3,217	2,871	3,482
3,577	3,894	3,791	3,925	3,724	2,970	3,651	3,931	3,522	2,609	3,756
9.95	15.87	9.30	20.22	5.27	-.06	13.03	-.63	-6.06	-9.11	7.88
7.283	10.086	15.757	8.417	2.351	2.220	2.469	15.132	.933	.573	65.221
6.746	8.117	18.243	8.765	5.766	3.869	4.012	15.805	.265	.801	72.389
-7.37	-19.52	15.78	4.13	145.26	74.28	62.49	4.45	-71.60	39.79	10.99

TABLE 28
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		FINE AND APPLIED ARTS			LEVELS 3 & 5		MASTERS AND PROFESSIONAL	
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.
COST PER STUDENT CREDIT HOUR								
DIRECT TEACHING	1969	132.10	57.41	59.95		100.00		
	1971	99.64	37.32	59.92	35.50	34.41		
PERCENT CHANGED		-24.58	-34.99	-0.05		-65.58		
TOTAL INSTRUCTIONAL	1969	149.23	70.48	83.80		177.95		
	1971	168.09	51.62	91.60	43.03	129.07		
PERCENT CHANGED		12.64	-26.76	9.30		-27.47		
FTE STUDENT-FACULTY RATIO	1969	2.25	5.04	5.14		3.79		
	1971	2.95	9.65	5.65	10.42	12.96		
PERCENT CHANGED		30.96	91.36	10.01		241.89		
STCPHRS / FTE TEACH-FAC	1969	27.03	60.48	61.66		45.46		
	1971	35.42	115.79	67.85	125.00	155.56		
PERCENT CHANGED		31.04	91.46	10.03		242.19		
STUDENT CRHRS PRODUCED	1969	23	84	355		3		
	1971	30	132	451	3	21		
PERCENT CHANGED		30.43	57.14	27.04		600.00		
WEIGHTED AVG. CLASS SIZE	1969	2	5	4		1		
	1971	3	7	4	10	7		
PERCENT CHANGED		23.64	36.31	4.82		400.00		
AVG. SALARY/FTE TEACH	1969	3,570	3,472	3,697		4,545		
	1971	3,529	4,321	4,066	4,438	5,353		
PERCENT CHANGED		-1.16	24.47	9.97		17.77		
NO. OF FTE TEACHING FAC.	1969	.851	1.389	5.757		.066		
	1971	.847	1.140	6.647	.024	.135		
PERCENT CHANGED		-.47	-17.93	15.46		104.55		

TABLE 28
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

FINE AND APPLIED ARTS			LEVELS 3 & 5			MASTERS AND PROFESSIONAL			TOTAL	
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN		UT WASH.
132.10	57.41	59.95		100.00			49.03			55.83
99.64	37.32	59.92	35.50	34.41			64.87			59.64
-24.58	-34.99	- .05		-65.58			32.31			6.82
149.23	70.46	83.80		177.95			77.36			80.95
168.09	51.62	91.60	43.03	129.07			89.02			88.36
12.64	-26.76	9.30		-27.47			15.52			9.15
2.25	5.04	5.14		3.79			6.40			5.53
2.95	9.65	5.65	10.42	12.96			5.16			5.65
30.96	91.36	10.01		241.89			-19.38			2.26
27.03	60.48	61.66		45.46			76.79			66.32
35.42	115.79	67.85	125.00	155.56			61.90			67.82
31.04	91.46	10.03		-242.19			-19.39			2.26
23	84	355		3			512			977
30	132	451	3	21			425			1,062
30.43	57.14	27.04		600.00			-16.99			8.70
2	5	4		1			3			4
3	7	4	10	7			3			4
23.64	36.31	4.82		400.00			-2.11			8.53
3,570	3,472	3,697		4,545			3,764			3,703
3,529	4,321	4,066	4,438	5,353			4,015			4,045
-1.16	-4.47	9.97		17.77			6.66			9.24
.851	1.389	5.757		.066			6.668			14.731
.847	1.140	6.647	.024	.135			6.866			15.659
-.47	-17.93	15.46		104.55			2.97			6.30

TABLE 29
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		FIVE AND APPLIED ARTS				TOTAL ALL LEVELS				UT CHATT.	UN. KN.
		APSU	ETSU	MSU	MTSU	TSU	TTU				
DIRECT TEACHING	1969	14.46	12.87	14.08	11.95	10.77	10.63	13.85	14.46	14.46	
	1971	18.38	13.62	13.27	15.24	18.51	12.55	16.82	15.24	15.24	
	PERCENT CHANGED	27.13	5.90	-5.75	27.48	72.51	18.11	21.51	10.77	10.77	
TOTAL INSTRUCTIONAL	1969	20.19	19.33	22.75	22.17	19.62	26.74	23.03	24.19	24.19	
	1971	25.99	19.27	23.34	26.33	25.15	24.23	24.29	21.26	21.26	
	PERCENT CHANGED	28.71	-3.34	2.57	18.74	28.18	-9.40	21.26	-12.54	-12.54	
FTE STUDENT-FACULTY RATIO	1969	15.12	16.64	14.67	17.15	19.95	19.22	17.67	17.67	17.67	
	1971	12.76	18.83	18.53	16.28	12.84	17.43	14.93	14.93	14.93	
	PERCENT CHANGED	-15.59	13.17	26.31	-5.09	-35.65	-9.31	-15.54	-15.54	-15.54	
STCRHRS / FTE TEACH-FAC	1969	226.42	248.72	218.37	257.26	299.23	288.35	265.06	265.06	265.06	
	1971	190.95	281.07	275.80	244.12	192.19	261.51	223.87	223.87	223.87	
	PERCENT CHANGED	-15.66	13.01	26.30	-5.11	-35.77	-9.31	-15.54	-15.54	-15.54	
STUDENT CRHRS PRODUCED	1969	3,550	6,339	11,572	4,787	3,404	1,780	3,295	3,295	3,295	
	1971	3,164	6,966	14,324	4,947	2,831	2,970	4,093	4,093	4,093	
	PERCENT CHANGED	-10.87	9.89	23.78	3.34	-16.83	66.85	24.22	24.22	24.22	
WEIGHTED AVG. CLASS SIZE	1969	17	15	15	17	17	12	23	23	23	
	1971	17	17	18	17	13	17	23	23	23	
	PERCENT CHANGED	-4.47	12.09	13.07	.41	-23.74	38.00	.83	.83	.83	
AVG. SALARY/FTE TEACH	1969	3,273	3,200	3,075	3,075	3,222	3,064	3,670	3,670	3,670	
	1971	3,510	3,829	3,660	3,720	3,571	3,282	3,766	3,766	3,766	
	PERCENT CHANGED	7.23	19.68	19.03	20.97	10.82	7.13	2.63	2.63	2.63	
NO. OF FTE TEACHING FAC.	1969	15,679	25,487	52,993	18,608	11,376	6,173	12,431	12,431	12,431	
	1971	16,569	24,784	51,937	20,265	14,730	11,357	18,283	18,283	18,283	
	PERCENT CHANGED	5.68	-2.76	-1.99	8.90	29.48	83.98	47.08	47.08	47.08	

TABLE 29
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

FIVE AND APPLIED ARTS				TOTAL ALL LEVELS						
PSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT WASH.	TOTAL
46	12.87	14.08	11.95	10.77	10.63	13.85	14.42	17.74	18.15	13.61
38	13.62	13.27	15.24	18.58	12.55	16.82	15.95	17.48	9.84	15.01
13	5.90	-5.75	27.48	72.51	18.11	21.51	10.61	-1.47	-45.65	10.30
19	19.33	22.75	22.17	19.62	26.74	23.03	24.73	25.48	45.72	22.58
99	19.27	23.34	26.33	25.15	24.23	24.29	21.54	32.60	12.32	23.17
71	-0.34	2.57	18.74	28.18	-9.40	21.26	-12.88	27.91	-73.04	2.60
12	16.64	14.67	17.15	19.95	19.22	17.67	17.18	11.46	10.42	16.23
76	18.83	18.53	16.28	12.84	17.43	14.93	15.03	12.74	19.83	16.13
59	13.17	26.31	-5.09	-35.65	-9.31	-15.54	-12.49	11.15	90.28	-5.59
42	248.72	218.37	257.76	299.23	288.35	265.06	255.11	171.91	156.29	242.18
75	281.07	275.80	244.12	192.19	261.51	223.87	223.61	191.10	297.48	240.77
66	13.01	26.30	-5.11	-35.77	-9.31	-15.54	-12.35	11.16	90.33	-5.58
550	6,339	11,572	4,787	3,404	1,780	3,295	12,905	1,529	339	49,500
164	6,966	14,324	4,947	2,831	2,970	4,093	12,879	1,585	672	54,431
87	9.89	23.78	3.34	-16.83	66.85	24.22	-0.20	3.66	98.23	9.96
17	15	15	17	17	12	23	11	21	5	14
17	17	18	17	13	17	23	14	17	20	16
47	12.09	13.07	0.41	-23.74	38.00	0.83	20.05	-15.42	254.77	12.14
273	3,200	3,075	3,075	3,222	3,064	3,670	3,679	3,050	2,829	3,296
510	3,829	3,660	3,720	3,571	3,282	3,766	3,567	3,341	2,927	3,614
7.23	19.68	19.03	20.97	10.82	7.13	2.63	-3.04	9.53	3.44	9.66
679	25.487	52.993	18.608	11.376	6.173	12.431	50.587	8.894	2.169	204.397
565	24.784	51.937	20.265	14.730	-11.357	18.283	57.596	8.294	2.259	226.374
5.68	-2.76	-1.99	8.90	29.48	83.98	47.08	13.86	-6.75	4.15	19.61

TABLE 29
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		FINE AND APPLIED ARTS				TOTAL ALL LEVELS			
		CLEV.	CDL.	DYER S.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
DIRECT TEACHING	1969	15.50	9.18		13.44				
	1971	11.53	13.84	13.72	14.59	15.66	9.30	14.52	10.37
PERCENT CHANGED		-25.73	50.77		8.53				
TOTAL INSTRUCTIONAL	1969	22.63	12.12		16.22				
	1971	15.91	18.81	16.88	18.06	19.28	15.85	17.31	12.97
PERCENT CHANGED		-29.70	55.10		11.32				
FTE STUDENT-FACULTY RATIO	1969	10.97	19.69		14.30				
	1971	17.73	14.63	10.05	14.38	12.54	14.26	11.97	17.96
PERCENT CHANGED		61.66	-25.70		.55				
STC PHRS / FTE TEACH-FAC	1969	164.52	295.28		214.53				
	1971	266.01	219.40	150.72	215.71	188.03	213.93	179.60	269.45
PERCENT CHANGED		61.68	-25.70		.55				
STUDENT CRHRS PRODUCED	1969	728	1,252		617				
	1971	939	941	452	736	528	129	553	755
PERCENT CHANGED		28.98	-24.84		19.29				
WEIGHTED AVG. CLASS SIZE	1969	13	16		17				
	1971	16	12	10	18	13	14	15	20
PERCENT CHANGED		19.38	-24.10		4.60				
AVG. SALARY/FTE TEACH	1969	2,550	2,710		2,884				
	1971	3,067	3,136	2,067	3,147	2,945	1,990	2,608	2,794
PERCENT CHANGED		20.24	12.04		9.13				
NO. OF FTE TEACHING FAC.	1969	4,425	4,240		2,876				
	1971	3,530	4,289	2,999	3,412	2,808	.623	3,079	2,802
PERCENT CHANGED		-20.23	1.16		18.64				

TABLE 29
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

FINE AND APPLIED ARTS				TOTAL ALL LEVELS				TOTAL G. C.	TOTAL ALL
CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS		
15.50	9.18		13.44					11.96	13.53
11.53	13.84	13.72	14.59	15.66	9.30	14.52	10.37	13.64	14.93
25.63	50.77		8.53					14.02	10.34
22.63	12.12		16.22					16.04	22.25
15.91	18.81	16.88	18.06	19.28	15.85	17.31	12.97	17.73	22.83
29.70	55.10		11.32					10.49	2.59
10.97	19.69		14.30					15.00	16.16
17.73	14.63	10.05	14.38	12.54	14.26	11.97	17.96	14.07	15.99
61.66	-25.70		.55					-6.21	-1.08
64.52	295.28		214.53					225.02	241.26
66.01	219.40	150.72	215.71	188.03	213.93	179.60	269.45	211.06	238.68
61.68	-25.70		.55					-6.21	-1.07
728	1,252		617					2,597	52,097
939	941	452	736	528	129	553	755	3,596	58,027
28.98	-24.84		19.29					38.47	11.38
13	16		17					16	14
16	12	10	18	13	14	15	20	14	16
19.38	-24.10		4.60					-10.72	10.63
2,550	2,710		2,884					2,692	3,263
3,067	3,136	2,067	3,147	2,945	1,990	2,608	2,794	2,879	3,563
20.24	12.04		9.13					6.95	9.17
4.425	4.240		2.876					11.541	215.938
3.530	4.289	2.999	3.412	2.808	.603	3.079	2.802	17.038	243.112
-20.23	1.16		18.64					47.63	12.58

TABLE 30
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		LETTERS				LEVEL 1	LOWER LEVEL		UT KNOX
		APSU	ETSU	MSU	MTSU	TSU	TJU	UT CHATT.	
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	8.15	7.99	8.16	8.41	6.34	6.14	10.12	6.8
	1971	8.99	9.66	9.02	8.74	7.13	7.06	10.47	8.3
PERCENT CHANGED		10.27	20.91	10.52	3.96	12.51	14.97	3.52	21.5
TOTAL INSTRUCTIONAL	1969	9.98	10.30	11.67	10.99	9.69	7.55	11.06	9.7
	1971	11.90	12.22	11.84	13.59	10.47	8.82	12.23	10.5
PERCENT CHANGED		19.26	18.71	1.45	23.71	7.96	16.65	9.94	8.22
FTE STUDENT-FACULTY RATIO	1969	23.30	25.31	21.08	23.32	29.53	27.01	21.61	7.4
	1971	24.07	25.18	22.47	23.53	28.68	26.58	22.93	7.8
PERCENT CHANGED		3.29	-0.54	6.63	0.92	-2.88	-1.58	6.13	-7.8
STCRHRS / FTE TEACH-FAC	1969	349.48	379.68	316.13	349.74	442.96	405.08	324.11	352.2
	1971	360.98	377.62	337.10	352.95	430.19	398.69	343.98	324.6
PERCENT CHANGED		3.29	-0.54	6.63	0.92	-2.88	-1.58	6.13	-7.8
STUDENT CRHRS PRODUCED	1969	5,802	13,944	28,116	12,290	8,446	9,406	6,733	34,13
	1971	6,255	12,057	27,480	13,015	7,465	10,348	8,045	32,97
PERCENT CHANGED		7.81	-13.53	-2.26	5.90	-11.61	10.01	19.49	-3.4
WEIGHTED AVG. CLASS SIZE	1969	27	27	25	25	24	26	27	2
	1971	27	27	27	24	23	26	29	2
PERCENT CHANGED		1.66	-0.33	4.78	-2.98	-4.27	-1.32	8.62	-3.7
AVG. SALARY/FTE TEACH	1969	2,849	3,032	2,580	2,940	2,809	2,488	3,279	2,42
	1971	3,245	3,647	3,041	3,085	3,069	2,815	3,603	2,71
PERCENT CHANGED		13.90	20.27	17.86	4.92	9.26	13.17	9.87	12.0
NO. OF FTE TEACHING FAC.	1969	16.602	36.726	88.938	35.140	19.067	23.220	20.774	96.90
	1971	17.328	31.929	81.520	36.875	17.353	25.955	23.388	101.54
PERCENT CHANGED		4.37	-13.06	-8.34	4.94	-8.99	11.78	12.58	4.7

TABLE 30
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	LETTERS			LEVEL 1		LOWER LEVEL				TOTAL	
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN		UT NASH.
1969	8.15	7.99	8.16	8.41	6.34	6.14	10.12	6.88	8.58	10.69	7.72
1971	8.99	9.66	9.02	8.74	7.13	7.06	10.47	8.36	9.92	8.45	8.75
	10.27	20.91	10.52	3.96	12.51	14.97	3.52	21.50	15.67	-20.96	13.36
1969	9.98	10.30	11.67	10.99	9.69	7.55	11.76	9.70	9.81	24.14	10.47
1971	11.90	12.22	11.84	13.59	10.47	8.82	12.93	10.50	12.12	10.51	11.45
	19.26	18.71	1.45	23.71	7.96	16.65	9.94	8.26	23.52	-56.43	9.40
1969	23.30	25.31	21.08	23.32	29.53	27.01	21.61	23.48	22.36	14.53	23.23
1971	24.07	25.18	22.47	23.53	28.68	26.58	22.93	21.65	21.99	22.21	23.23
	3.29	-.54	6.63	.92	-2.88	-1.58	6.13	-7.81	-1.65	52.82	-.01
1969	349.48	379.68	316.13	349.74	442.96	405.08	324.11	352.20	335.36	217.92	348.48
1971	360.98	377.62	337.10	352.95	430.19	398.69	343.98	324.63	329.84	333.07	348.45
	3.29	-.54	6.63	.92	-2.88	-1.58	6.13	-7.81	-1.65	52.84	-.01
1969	5,802	13,944	28,116	12,290	8,446	9,406	6,733	34,130	8,601	1,605	129,573
1971	6,255	12,057	27,480	13,015	7,465	10,348	8,045	32,971	8,466	2,526	128,628
	7.81	-13.53	-2.26	5.90	-11.61	10.01	19.49	-3.40	-1.57	57.38	-.34
1969	27	27	25	25	24	26	27	27	28	20	26
1971	27	27	27	24	23	26	29	26	26	26	26
	1.66	-.33	4.78	-2.98	-4.27	-1.32	8.62	-3.78	-7.14	31.99	-.22
1969	2,849	3,032	2,580	2,940	2,809	2,488	3,279	2,423	2,877	2,329	2,691
1971	3,245	3,647	3,041	3,085	3,069	2,815	3,603	2,714	3,273	2,814	3,350
	13.90	20.27	17.86	4.92	9.26	13.17	9.87	12.01	13.77	20.80	13.35
1969	16.602	36.726	88.938	35.140	19.067	23.220	20.774	96.905	25.647	7.365	370.384
1971	17.328	31.979	81.520	36.875	17.353	25.955	23.388	101.549	25.667	7.584	369.148
	4.37	-13.06	-8.34	4.94	-8.99	11.78	12.58	4.79	.08	2.97	-.33

TABLE 30
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		LETTERS			LEVEL 1 LOWER LEVEL			WALTON
		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	
COST PER STUDENT CREDIT HOUR								
DIRECT TEACHING	1969	7.85	6.34		9.37			
	1971	9.01	7.34	10.59	8.23	9.20	8.32	9.39
PERCENT CHANGED		14.76	15.86		-12.09			
TOTAL INSTRUCTIONAL	1969	9.20	7.57		10.22			
	1971	1.62	9.99	10.76	10.68	10.21	13.30	9.89
PERCENT CHANGED		26.39	31.89		4.53			
FTE STUDENT-FACULTY RATIO	1969	21.37	26.44		19.06			
	1971	21.81	24.21	17.70	24.63	21.27	20.65	19.87
PERCENT CHANGED		2.02	-8.46		29.18			
STCRHRS / FTE TEACH-FAC	1969	320.60	396.63		285.93			
	1971	327.08	363.08	265.50	369.39	319.10	309.70	298.03
PERCENT CHANGED		2.02	-8.46		29.19			
STUDENT CRHRS PRODUCED	1969	3,231	2,469		2,280			
	1971	4,059	3,198	1,542	2,756	2,242	747	1,317
PERCENT CHANGED		25.63	29.53		20.88			
WEIGHTED AVG. CLASS SIZE	1969	25	24		20			
	1971	23	25	21	25	22	21	21
PERCENT CHANGED		-6.48	4.76		23.56			
AVG. SALARY/FTE TEACH	1969	2,516	2,514		2,678			
	1971	2,946	2,666	2,810	3,041	2,934	2,577	2,799
PERCENT CHANGED		17.07	6.06		13.56			
NO. OF FTE TEACHING FAC.	1969	10.078	6.225		7.974			
	1971	12.410	8.808	5.808	7.461	7.025	2.412	4.419
PERCENT CHANGED		23.14	41.49		-6.43			

TABLE 30
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

LETTERS				LEVEL 1 LOWER LEVEL				TOTAL	TOTAL
CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	C. C.	ALL
7.85	6.34		9.37					7.82	7.73
9.01	7.34	10.59	8.23	9.20	8.32	9.39	8.10	8.67	8.75
14.76	15.86		-12.09					10.98	13.17
9.20	7.57		10.22					8.99	10.38
11.62	9.99	10.76	10.68	10.21	13.30	9.89	9.21	10.73	11.38
26.39	31.89		4.53					19.39	9.63
21.37	26.44		19.06					21.91	23.15
21.81	24.21	17.70	24.63	21.27	20.65	19.87	22.66	22.16	23.12
2.02	-8.46		29.18					1.11	-1.13
0.60	396.63		285.93					328.71	347.27
7.08	363.08	265.50	369.39	319.10	309.70	298.03	339.93	332.35	346.82
2.02	-8.46		29.19					1.11	-1.13
2,231	2,469		2,280					7,980	137,353
1,059	3,198	1,542	2,756	2,242	747	1,317	2,527	13,797	142,425
5.63	29.53		20.88					72.89	3.92
25	24		20					23	26
23	25	21	25	22	21	21	23	24	26
6.48	4.76		23.56					2.03	-4.46
1,516	2,514		2,678					2,569	2,683
1,946	2,666	2,810	3,041	2,934	2,577	2,799	2,752	2,883	3,033
7.07	6.06		13.56					12.22	13.03
1.078	6.225		7.974					24.277	394.661
1.410	8.808	5.808	7.461	7.026	2.412	4.419	7.434	41.513	410.661
3.14	41.49		-6.43					71.00	4.05

TABLE 31
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		LETTERS				LEVEL 2 UPPER LEVEL		UT CHATT.	UT KNOX
		APSU	EJSU	MSU	MTSU	TSU	TTU		
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	14.20	12.98	14.42	12.45	8.27	13.75	22.42	14.20
	1971	16.13	18.34	18.58	11.83	11.35	16.22	22.16	12.42
PERCENT CHANGED		13.61	41.29	28.84	-4.97	37.21	17.90	-1.16	
TOTAL INSTRUCTIONAL	1969	16.00	15.61	18.35	15.64	11.96	15.53	24.42	15.61
	1971	19.23	21.72	22.19	16.59	15.83	18.97	26.38	15.61
PERCENT CHANGED		20.14	39.11	20.91	6.10	32.28	21.37	8.02	-1.16
FTE STUDENT-FACULTY RATIO	1969	18.99	18.35	18.00	19.22	29.11	17.36	11.73	21.73
	1971	17.87	15.80	15.84	23.63	22.46	14.61	11.78	23.63
PERCENT CHANGED		-5.90	-13.89	-11.99	22.92	-22.86	-15.85	.41	10.00
STCRHRS / FTE TEACH-FAC	1969	284.84	275.21	269.98	288.29	436.71	260.36	175.97	318.29
	1971	268.02	236.95	237.61	354.40	336.86	219.08	176.69	351.40
PERCENT CHANGED		-5.90	-13.90	-11.99	22.93	-22.86	-15.85	.41	10.00
STUDENT CRHRS PRODUCED	1969	1,157	2,088	2,719	2,419	1,656	660	883	4,088
	1971	1,227	1,884	2,838	3,096	1,530	744	1,416	5,096
PERCENT CHANGED		6.05	-9.77	4.38	27.99	-7.61	12.73	60.36	25.00
WEIGHTED AVG. CLASS SIZE	1969	21	20	19	21	23	20	16	20
	1971	19	16	20	24	19	15	13	19
PERCENT CHANGED		-9.54	-16.45	4.05	17.94	-17.49	-21.22	-15.55	2.00
AVG. SALARY/FTE TEACH	1969	4,044	3,571	3,894	3,588	3,611	3,582	3,946	3,571
	1971	4,323	4,345	4,416	4,191	3,823	3,554	3,916	4,323
PERCENT CHANGED		6.91	21.66	13.40	16.81	5.86	-7.78	-7.75	11.00
NO. OF FTE TEACHING FAC.	1969	4,062	7,587	10,071	8,391	3,792	2,535	5,018	15,071
	1971	4,578	7,951	11,944	8,736	4,542	3,396	8,014	17,944
PERCENT CHANGED		12.70	4.80	18.60	4.11	19.78	33.96	59.71	19.40

TABLE 31
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

LETTERS			LEVEL 2 UPPER LEVEL							TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	
14.20	12.98	14.42	12.45	8.27	13.76	22.42	11.95	12.45	23.03	13.08
16.13	18.34	18.58	11.83	11.35	16.22	22.16	12.06	14.40	22.07	14.83
13.61	41.29	28.84	-4.97	37.21	17.90	-1.16	.95	19.88	-4.16	13.39
16.00	15.61	18.35	15.64	11.96	15.53	24.42	15.71	13.70	41.31	16.40
19.23	21.72	22.19	16.59	15.83	18.97	26.38	15.55	17.50	25.86	18.57
20.14	39.11	20.91	6.10	32.28	21.37	8.02	-1.02	28.48	-37.40	13.23
18.99	18.35	18.00	19.22	29.11	17.36	11.73	21.22	21.78	9.40	19.19
17.87	15.80	15.84	23.63	22.46	14.61	11.78	23.45	17.75	10.53	18.71
-5.90	-13.89	-11.99	22.92	-22.86	-15.85	.41	10.49	-18.49	12.00	-2.48
284.84	275.21	269.98	288.29	436.71	260.36	175.97	318.28	326.64	140.97	287.83
268.02	236.95	237.61	354.40	336.86	219.00	176.69	351.68	266.22	157.90	280.66
-5.90	-13.90	-11.99	22.93	-22.86	-15.85	.41	10.49	-18.50	12.01	-2.48
3,157	2,088	2,719	2,419	1,656	660	883	4,821	732	192	17,327
1,227	1,884	2,838	3,096	1,530	744	1,416	6,039	825	144	19,743
6.05	-9.77	4.38	27.90	-7.61	12.73	60.36	25.26	12.70	-25.00	13.94
21	20	19	21	23	20	16	23	27	11	21
19	16	20	24	19	15	13	24	20	12	20
-9.54	-16.45	4.05	17.94	-17.49	-21.22	-15.55	2.06	-27.05	11.94	-4.18
4,044	3,571	3,894	3,588	3,611	3,582	3,946	3,802	4,067	3,246	3,763
4,323	4,345	4,416	4,191	3,823	3,554	3,916	4,241	3,941	3,485	4,161
6.91	21.66	13.40	16.81	5.85	-7.78	-7.75	11.55	-3.10	7.35	10.59
4.062	7.587	10.071	8.391	3.792	2.535	5.018	15.147	2.241	1.362	60.206
4.578	7.951	11.944	8.736	4.542	3.396	8.014	17.172	3.099	.912	70.344
12.72	4.80	18.60	4.11	19.78	33.96	59.71	13.37	38.29	-33.04	16.84

TABLE 32
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		LETTERS							LEVELS 3 & 5 MASTERS AND PROFESSIONAL	
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX	
DIRECT TEACHING	1969	34.25	28.27	44.07	45.64	54.22	28.59	32.49	25.00	
	1971	62.26	40.98	38.80	25.72	48.51	35.39	30.00		
	PERCENT CHANGED	81.77	44.95	-11.95	-43.65	-10.53	23.81	-100.00	19.00	
TOTAL INSTRUCTIONAL	1969	36.40	31.89	56.43	51.21	64.35	30.79	34.82	32.00	
	1971	84.02	48.97	55.84	30.51	75.85	76.73	57.00		
	PERCENT CHANGED	130.80	53.56	-1.05	-40.43	17.87	149.15	-100.00	77.00	
FTE STUDENT-FACULTY RATIO	1969	10.54	12.60	7.96	8.10	7.00	12.09	9.49	14.00	
	1971	6.01	9.85	10.72	15.74	8.19	11.26	12.00		
	PERCENT CHANGED	-42.95	-21.78	34.58	94.38	16.89	-6.87	-100.00	-12.00	
STCRHRS / FTE TEACH-FAC	1969	126.53	151.14	95.55	97.16	84.03	145.10	113.92	178.00	
	1971	72.16	118.21	128.60	186.90	98.25	135.14	155.00		
	PERCENT CHANGED	-42.97	-21.78	34.59	94.43	16.91	-6.87	-100.00	-12.00	
STUDENT CRHRS PRODUCED	1969	93	219	483	123	60	111	27	90	
	1971	92	270	603	337	84	105	90		
	PERCENT CHANGED	-1.08	23.29	24.84	173.98	40.00	-5.41	-100.00	-2.00	
WEIGHTED AVG. CLASS SIZE	1969	10	11	6	7	5	14	12	10	
	1971	5	8	8	11	5	8	10		
	PERCENT CHANGED	-41.92	-25.66	34.60	58.00	-6.05	-46.37	-100.00	-10.00	
AVG. SALARY/FTE TEACH	1969	4,333	4,272	4,211	4,434	4,556	4,148	3,702	4,600	
	1971	4,492	4,844	4,990	4,858	4,766	4,783	4,800		
	PERCENT CHANGED	3.66	13.38	18.50	9.55	4.60	15.31	-100.00	4.20	
NO. OF FTE TEACHING FAC.	1969	.735	1.449	5.055	1.266	.714	.765	.237	5.56	
	1971	1.275	2.284	4.689	1.784	.855	.777	6.19		
	PERCENT CHANGED	73.47	57.63	-7.24	40.92	19.75	1.57	-100.00	11.30	

TABLE 32
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	LETTERS		LEVELS 3 & 5				MASTERS AND PROFESSIONAL				
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
9	34.25	28.27	44.07	45.64	54.22	28.59	32.49	25.89			32.85
1	62.26	40.98	38.80	25.72	48.51	35.39		30.93			35.22
	81.77	44.95	-11.95	-43.65	-10.53	23.81	-100.00	19.46			7.19
9	36.40	31.89	56.43	51.21	64.35	30.79	34.82	32.51			40.03
1	84.02	48.97	55.84	30.51	75.85	76.73		57.58			54.73
	130.80	53.56	-1.35	-40.43	17.87	149.15	-100.00	77.12			37.20
9	10.54	12.60	7.96	8.10	7.00	12.09	9.49	14.87			11.13
1	6.01	9.85	10.72	15.74	8.19	11.26		12.98			11.46
	-42.95	-21.78	34.59	94.38	16.89	-6.87	-100.00	-12.69			2.94
9	126.53	151.14	95.55	97.16	84.03	145.10	113.92	178.41			133.59
1	72.16	118.21	128.60	188.90	98.25	135.14		155.75			137.51
	-42.97	-21.78	34.59	94.43	16.91	-6.87	-100.00	-12.70			2.94
9	93	219	483	123	60	111	27	993			2,139
1	92	270	603	337	84	105		965			2,456
	-1.08	23.29	24.84	173.98	40.00	-5.41	-100.00	-2.82			16.45
9	10	11	6	7	5	14	12	11			9
1	5	8	8	11	5	8		10			9
	-41.92	-25.66	34.60	58.00	-6.05	-46.37	-100.00	-10.02			-1.30
9	4,333	4,272	4,211	4,434	4,556	4,148	3,702	4,619			4,389
1	4,492	4,844	4,990	4,858	4,766	4,783		4,817			4,843
	3.66	13.38	18.50	9.55	4.60	15.31	-100.00	4.29			10.34
9	.735	1.449	5.055	1.266	.714	.765	.237	5.566			15.787
1	1.275	2.284	4.689	1.784	.855	.777		6.196			17.860
	73.47	57.63	-7.24	40.92	17.75	1.57	-100.00	11.32			13.13

TABLE 33
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	LETTERS				LEVEL 4 DOCTORAL		
	APSU	ETSU	MSU	MSU	TSU	TTU	UT CHATT.
COST PER STUDENT CREDIT HOUR							
DIRECT TEACHING 1969				95.87			
PERCENT CHANGED							
TOTAL INSTRUCTIONAL 1969				108.54			
PERCENT CHANGED							
FTE STUDENT-FACULTY RATIO 1969				3.72			
PERCENT CHANGED							
STC@HRS / FTE TEACH-FAC 1969				44.66			
PERCENT CHANGED							
STUDENT CRHRS PRODUCED 1969				23			
PERCENT CHANGED							
WEIGHTED AVG. CLASS SIZE 1969				3			
PERCENT CHANGED							
AVG. SALARY/FTE TEACH 1969				4,281			
PERCENT CHANGED							
NO. OF FTE TEACHING FAC. 1969				.515			
PERCENT CHANGED							
				63			

TABLE 33
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

LETTERS				LEVEL 4 DOCTORAL						TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	
							47.48			47.48
			95.87				55.16			56.94
							16.17			19.91
							54.54			54.54
			108.54				73.69			75.21
							35.11			37.90
							10.15			10.15
			3.72				9.29			8.72
							-8.50			-14.10
							121.84			121.84
			44.66				111.48			104.65
							-8.50			-14.11
							477			477
			23				504			527
							5.66			10.48
							6			6
			3				6			6
							-4.87			-8.59
							5,785			5,785
			4,281				6,149			5,958
							6.29			2.99
							3.915			3.915
							4.521			5.036
							15.48			28.63
			.515							
			63							

TABLE 34
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		LETTERS				TOTAL ALL LEVELS			UT .CHATT.	TN
		APSU	ETSU	MSU	MTSU	TSU	ITU	UT		
DIRECT TEACHING	1969	9.49	8.90	9.26	9.38	6.94	6.88	11.62	8.19	
	1971	10.79	11.40	10.48	9.79	8.23	7.94	12.22	13.19	
PERCENT CHANGED		13.76	28.11	13.18	4.42	18.58	15.34	5.21	19.19	
TOTAL INSTRUCTIONAL	1969	11.32	11.27	12.94	12.08	10.39	8.34	13.31	11.19	
	1971	13.97	14.18	13.64	14.64	11.97	13.14	14.95	13.19	
PERCENT CHANGED		23.41	25.80	5.46	21.15	15.28	21.51	12.31	14.14	
FTE STUDENT-FACULTY RATIO	1969	22.04	23.75	20.14	22.12	28.78	25.65	19.59	22.19	
	1971	21.85	22.58	21.10	23.05	26.67	24.84	23.09	21.19	
PERCENT CHANGED		-0.88	-4.96	4.78	4.19	-7.35	-3.19	2.52	-5.19	
STCRHRS / FTE TEACH-FAC	1969	329.55	355.12	300.95	331.09	431.09	383.75	293.63	332.19	
	1971	326.73	337.04	315.03	343.79	399.08	371.65	301.29	312.19	
PERCENT CHANGED		-0.85	-5.09	4.68	3.83	-7.43	-3.15	2.61	-5.19	
STUDENT CRHRS PRODUCED	1969	7,052	16,251	31,318	14,832	10,162	10,177	7,643	40,19	
	1971	7,574	14,211	30,921	16,471	9,079	11,197	9,461	40,19	
PERCENT CHANGED		7.40	-12.55	-1.27	11.05	-10.66	10.02	23.79	0.19	
WEIGHTED AVG. CLASS SIZE	1969	25	25	24	23	23	26	25	25.19	
	1971	24	24	25	23	21	24	25	25.19	
PERCENT CHANGED		-2.88	-5.72	5.14	-0.80	-7.98	-4.77	0.24	-3.19	
AVG. SALARY/FTE TEACH	1969	3,126	3,161	2,786	3,104	2,991	2,640	3,412	2,19	
	1971	3,526	3,843	3,301	3,366	3,283	2,949	3,683	3,19	
PERCENT CHANGED		12.79	21.59	18.47	8.43	9.78	11.71	7.95	11.19	
NO. OF FTE TEACHING FAC.	1969	21.399	45.702	104.064	44.797	23.573	26.520	26.029	121.19	
	1971	23.181	42.164	98.153	47.910	22.750	30.128	31.402	129.19	
PERCENT CHANGED		8.33	-7.86	-5.68	6.95	-3.49	13.60	20.64	6.19	

TABLE 34
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

LETTERS			TOTAL ALL LEVELS							
APSU	ETSU	MSU	MTSU	TSU	ITU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	TOTAL
9.49	8.90	9.26	9.38	6.94	6.88	11.62	8.43	8.88	12.01	8.83
10.79	11.40	10.48	9.79	8.23	7.94	12.22	10.03	10.36	9.18	10.14
13.76	20.11	13.12	4.42	18.58	15.34	5.21	18.99	16.59	-23.51	14.89
11.32	11.27	12.94	12.08	10.39	8.34	13.31	11.51	10.12	25.97	11.72
13.97	14.18	13.64	14.64	11.97	10.14	14.95	13.16	12.61	11.34	13.31
23.41	25.80	5.46	21.15	15.28	21.51	12.31	14.40	24.60	-56.33	13.57
22.04	23.75	20.14	22.12	28.78	25.65	19.59	22.37	22.31	13.73	22.15
21.85	22.58	21.10	23.05	26.67	24.84	20.09	21.04	21.53	20.95	21.93
-1.88	-4.96	4.78	4.19	-7.35	-3.19	2.52	-5.97	-3.49	52.60	-1.01
229.55	355.12	300.95	331.09	431.09	383.75	293.63	332.59	334.66	205.91	330.87
326.73	337.04	315.03	343.79	399.08	371.65	301.29	312.73	322.99	314.27	327.33
-1.85	-5.09	4.68	3.83	-7.43	-3.15	2.61	-5.97	-3.49	52.62	-1.07
7,052	16,251	31,318	14,832	10,162	10,177	7,643	40,421	9,333	1,797	148,986
7,574	14,211	30,921	16,471	9,079	11,197	9,461	40,479	9,291	2,670	151,354
7.40	-12.55	-1.27	11.05	-10.66	10.02	23.79	.14	-.45	48.58	1.59
25	25	24	23	23	26	25	25	28	18	24
24	24	25	23	21	24	25	24	25	25	24
-2.88	-5.72	5.14	-.80	-7.98	-4.77	.24	-3.87	-9.43	35.22	-1.80
3,126	3,161	2,786	3,104	2,991	2,640	3,412	2,804	2,972	2,472	2,921
3,526	3,840	3,301	3,366	3,283	2,949	3,683	3,137	3,345	2,886	3,320
12.79	21.50	18.47	8.43	9.78	11.71	7.95	11.90	12.53	16.72	13.67
21.399	45.762	104.064	44.797	23.573	26.520	26.029	121.533	27.888	8.727	450.292
23.181	42.664	98.153	47.910	22.750	30.128	31.402	129.438	20.766	8.496	462.388
8.33	-7.86	-5.68	6.95	-3.49	13.60	20.64	6.50	3.15	-2.65	2.69

TABLE 34
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		LETTERS				TOTAL ALL LEVELS			
		CLEV.	COL.	OYERS.	JACK.	MOTLOW	ROANE	VOL.	WAL.
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	7.85	6.34		9.37				
	1971	9.01	7.34	10.59	8.23	9.20	8.32	9.39	
PERCENT CHANGED		14.76	15.85		-12.09				
TOTAL INSTRUCTIONAL	1969	9.20	7.57		10.22				
	1971	11.62	9.99	10.76	10.68	10.21	13.30	9.89	
PERCENT CHANGED		26.39	31.89		4.53				
FTE STUDENT-FACULTY RATIO	1969	21.37	26.44		19.06				
	1971	21.81	24.21	17.70	24.63	21.27	20.65	19.87	22
PERCENT CHANGED		2.02	-8.46		29.18				
STCRHRS / FTE TEACH-FAC	1969	320.60	396.63		285.93				
	1971	327.08	363.08	265.50	369.39	319.10	307.70	298.03	339
PERCENT CHANGED		2.02	-8.46		29.19				
STUDENT CRHRS PRODUCED	1969	3,231	2,469		2,280				
	1971	4,059	3,198	1,542	2,756	2,242	747	1,317	2
PERCENT CHANGED		25.63	29.53		20.88				
WEIGHTED AVG. CLASS SIZE	1969	25	24		20				
	1971	23	25	21	25	22	21	21	
PERCENT CHANGED		-6.48	4.76		23.56				
AVG. SALARY/FTE TEACH	1969	2,516	2,514		2,678				
	1971	2,946	2,666	2,910	3,041	2,934	2,577	2,799	2
PERCENT CHANGED		17.07	6.06		13.56				
NO. OF FTE TEACHING FAC.	1969	10,078	6,225		7,974				
	1971	12,410	8,908	5,808	7,461	7,026	2,412	4,419	7
PERCENT CHANGED		23.14	41.49		-6.43				

TABLE 34
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

LETTERS				TOTAL ALL LEVELS				TOTAL	TOTAL
CLEV.	COL.	OYEPS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	C. C.	ALL
7.85	6.34		9.37					7.82	8.78
9.31	7.34	10.59	8.23	9.20	8.32	9.39	8.10	8.67	10.02
14.76	15.86		-12.09					10.98	14.18
9.20	7.57		10.22					8.99	11.58
11.62	9.99	10.76	10.68	10.21	13.30	9.89	9.21	10.73	13.09
26.39	31.89		4.53					19.39	13.07
21.37	26.44		19.06					21.91	22.14
21.81	24.21	17.70	24.63	21.27	20.65	19.97	22.66	22.16	21.95
2.02	-8.46		29.18					1.11	-0.87
320.60	396.63		285.93					328.71	330.76
327.08	363.08	265.50	369.39	319.10	309.70	298.03	339.93	332.35	327.75
2.02	-8.46		29.19					1.11	-0.91
3,231	2,469		2,280					7,980	156,966
4,059	3,198	1,542	2,756	2,242	747	1,317	2,527	13,797	165,151
25.63	29.53		20.88					72.89	5.21
25	24		20					23	24
23	25	21	25	22	21	21	23	24	24
-6.42	4.76		23.56					2.03	-1.66
2,516	2,514		2,678					2,567	2,903
2,946	2,666	2,910	3,041	2,934	2,577	2,799	2,752	2,883	3,284
17.07	6.06		13.56					12.22	13.14
10.078	6.225		7.974					24.277	474.569
12.410	8.908	5.908	7.461	7.026	2.412	4.419	7.434	41.513	503.501
23.14	41.49		-6.43					71.00	6.18

TABLE 35
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		MATHEMATICS				LEVEL 1 LOWER LEVEL		UT CHATT.	
		APSU	ETSU	MSU	MTSU	TSU	ITU		
DIRECT TEACHING	1969	9.93	8.81	7.37	8.77	6.11	8.90	12.21	
	1971	9.04	10.82	8.53	9.42	6.80	9.16	11.20	
	PERCENT CHANGED	-8.98	22.83	15.72	7.38	11.37	2.89	-8.26	
TOTAL INSTRUCTIONAL	1969	12.00	10.62	10.44	14.62	8.46	11.52	13.33	
	1971	11.68	15.92	14.26	17.01	8.74	11.23	13.08	
	PERCENT CHANGED	-2.70	49.92	36.57	16.32	3.29	-2.55	-1.90	
FTE STUDENT-FACULTY RATIO	1969	23.02	23.85	26.36	23.11	36.12	24.88	18.40	
	1971	25.80	24.49	28.33	23.95	37.58	28.32	21.08	
	PERCENT CHANGED	12.07	2.67	7.50	3.64	4.05	13.81	14.58	
STC/HPH / FTE TEACH-FAC	1969	345.28	357.80	395.34	346.59	541.80	373.19	275.99	
	1971	386.96	367.35	424.59	359.22	563.76	424.74	316.23	
	PERCENT CHANGED	12.07	2.67	7.50	3.64	4.05	13.81	14.58	
STUDENT CRHS PRODUCED	1969	1,985	6,099	12,321	4,949	5,068	6,851	3,082	
	1971	2,357	6,156	12,525	4,621	4,739	6,549	4,444	
	PERCENT CHANGED	18.74	.93	1.66	-6.63	-6.49	-4.41	44.19	
WEIGHTED AVG. CLASS SIZE	1969	23	25	29	24	31	27	24	
	1971	28	27	24	26	28	30	25	
	PERCENT CHANGED	19.71	8.73	-18.51	8.24	-12.28	11.39	7.77	
AVG. SALARY/FTE TEACH	1969	3,430	3,152	2,912	3,041	3,309	3,322	3,369	
	1971	3,499	3,975	3,624	3,384	3,835	3,889	3,541	
	PERCENT CHANGED	2.01	76.11	24.42	11.29	15.89	17.09	5.10	
NO. OF FTE TEACHING FAC.	1969	5.749	17.046	31.166	14.279	9.354	18.358	11.167	
	1971	6.091	16.758	29.471	12.864	8.406	15.419	14.053	
	PERCENT CHANGED	5.95	-1.69	-5.44	-9.91	-10.13	-16.01	25.84	

TABLE 35
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS		LEVEL 1 LOWER LEVEL								
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT WASH.	TOTAL
9.93	8.81	7.37	8.77	6.11	8.90	12.21	5.37	8.38	11.59	7.44
9.04	10.82	8.53	9.42	6.80	9.16	11.20	6.67	10.90	9.13	8.56
-8.98	22.83	15.72	7.38	11.37	2.89	-8.26	24.12	30.14	-21.24	15.09
12.00	10.62	10.44	14.62	8.46	11.52	13.33	9.31	9.97	25.80	10.66
11.68	15.92	14.26	17.01	8.74	11.23	13.08	9.02	12.28	13.89	12.08
-2.70	49.42	36.57	16.32	3.29	-2.55	-1.90	-3.14	35.30	-46.15	13.35
23.02	23.85	26.36	23.11	36.12	24.88	18.40	35.11	24.45	14.29	27.29
25.80	24.49	28.33	23.95	37.58	28.32	21.08	29.80	22.00	19.07	26.95
12.07	2.67	7.50	3.64	4.05	13.81	14.58	-15.12	-10.02	33.41	-1.26
45.28	357.80	395.34	346.59	541.80	373.19	275.99	526.66	366.81	214.37	409.41
46.96	367.35	424.99	359.22	563.76	424.74	316.23	447.00	330.06	286.01	404.26
12.07	2.67	7.50	3.64	4.05	13.81	14.58	-15.13	-10.02	33.42	-1.26
1,985	6,099	12,321	4,949	5,068	6,851	3,082	21,971	4,588	943	67,857
2,357	6,156	12,525	4,621	4,739	6,549	4,444	19,451	4,231	1,539	66,612
18.74	.93	1.66	-6.63	-6.49	-4.41	44.19	-11.47	-7.78	63.20	-1.83
23	25	29	24	31	27	24	36	29	17	29
28	27	24	26	28	30	25	23	26	24	25
19.71	8.73	-19.51	8.24	-12.28	11.39	7.77	-36.40	-12.07	39.44	-14.15
3,430	3,152	2,912	3,041	3,309	3,322	3,369	2,830	3,073	2,484	3,444
3,499	3,975	3,624	3,384	3,835	3,889	3,541	2,982	3,598	2,610	3,460
2.01	26.11	24.42	11.29	15.89	17.09	5.10	5.37	17.11	5.08	13.65
6.749	17.046	31.166	14.279	9.354	18.358	11.167	41.718	12.508	4.399	165.744
6.091	16.758	29.471	12.864	8.406	15.419	14.053	43.515	12.819	5.381	164.777
5.95	-1.69	-5.44	-9.91	-10.13	-16.01	25.84	4.31	2.49	22.32	-5.58

TABLE 35
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		MATHEMATICS				LEVEL 1 LOWER LEVEL		
		CLEV.	CJL.	DYERS.	JACK.	MOTLOW	POANE	VOL.
DIRECT TEACHING	1969	7.67	5.40		11.34			
	1971	10.58	9.91	10.60	10.09	8.26	11.23	13.63
PERCENT CHANGED		37.92	81.59		-10.95			
TOTAL INSTRUCTIONAL	1969	10.78	6.60		12.44			
	1971	12.38	14.46	11.72	12.00	9.91	16.64	14.51
PERCENT CHANGED		14.82	119.02		-3.53			
FTE STUDENT-FACULTY RATIO	1969	22.42	29.50		15.29			
	1971	19.34	22.26	18.25	19.33	22.11	16.33	15.28
PERCENT CHANGED		-13.73	-24.55		26.45			
STCRHRS / FTE TEACH-FAC	1969	336.29	442.55		229.30			
	1971	290.10	333.88	273.67	289.97	331.60	244.88	229.14
PERCENT CHANGED		-13.73	-24.55		26.46			
STUDENT CRHS PRODUCED	1969	1,519	1,248		1,210			
	1971	1,485	1,013	763	1,509	1,147	454	530
PERCENT CHANGED		-2.24	-18.83		24.71			
WEIGHTED AVI. CLASS SIZE	1969	28	24		20			
	1971	22	22	19	20	22	16	14
PERCENT CHANGED		-21.68	-6.34		1.69			
AVG. SALARY/FTE TEACH	1969	2,578	2,390		2,599			
	1971	3,068	3,275	2,901	2,927	2,738	2,749	3,124
PERCENT CHANGED		18.99	37.04		12.61			
NO. OF FTE TEACHING FAC.	1969	4,517	2,820		5,277			
	1971	5,119	3,034	2,788	5,204	3,459	1,854	2,313
PERCENT CHANGED		13.33	7.59		-1.38			

TABLE 35
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS			LEVEL 1 LOWER LEVEL					TOTAL	TOTAL
LEV.	COL.	DYERS.	JACK.	MOTLOW	POANE	VOL.	WALTERS	C. C.	ALL
7.67	5.40		11.34					8.07	7.47
0.58	9.81	10.60	10.09	8.26	11.23	13.63	9.48	9.88	8.67
7.92	81.59		-10.95					22.34	15.98
0.78	6.60		12.44					9.97	10.62
2.38	14.44	11.72	12.00	9.91	16.64	14.51	11.15	11.88	12.06
4.82	119.02		-3.53					19.11	13.60
2.42	29.50		15.29					21.02	26.85
9.34	22.26	18.25	19.33	22.11	16.33	15.28	19.29	20.12	26.22
3.73	-24.55		26.45					-4.27	-2.33
6.29	442.55		229.30					315.29	402.75
0.10	333.88	273.67	289.97	331.60	244.88	229.14	289.38	301.83	393.37
3.73	-24.55		26.46					-4.27	-2.33
5.519	1,248		1,210					3,977	71,834
4.485	1,013	763	1,509	1,147	454	530	1,218	5,917	72,529
2.24	-18.83		24.71					48.78	.97
28	24		20					23	29
22	22	19	20	22	16	14	19	21	25
1.68	-6.34		1.69					-10.40	-14.32
5.578	2,390		2,599					2,545	3,009
0.068	3,275	2,901	2,927	2,738	2,749	3,124	2,743	2,980	3,409
8.99	37.04		12.61					17.12	13.29
5.517	2.820		5.277					12.614	178.358
1.119	3.034	2.788	5.204	3.459	1.854	2.313	4.209	19.604	184.381
3.33	7.59		-1.38					55.41	3.38

TABLE 36
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		MATHEMATICS				LEVEL 2 UPPER LEVEL			UT CHATT.	UT KNOX
		APSU	ETSU	MSU	MTSU	TSU	TTU			
DIRECT TEACHING	1969	21.52	15.50	14.90	11.86	20.17	11.67	26.03	11.67	
	1971	20.59	28.70	17.20	12.32	15.90	17.92	33.11	14.11	
	PERCENT CHANGED	-4.32	85.11	15.42	3.83	-21.19	53.53	27.18	34.11	
TOTAL INSTRUCTIONAL	1969	23.98	22.35	18.47	21.83	24.48	14.38	27.68	15.11	
	1971	23.57	35.75	23.20	19.97	18.53	20.54	35.45	18.11	
	PERCENT CHANGED	-1.71	59.92	25.57	-8.53	-24.31	42.78	31.69	22.11	
FTE STUDENT-FACULTY RATIO	1969	13.13	14.96	18.65	20.23	13.06	20.38	10.30	21.11	
	1971	15.14	11.16	17.72	22.02	18.16	15.33	8.84	18.11	
	PERCENT CHANGED	15.31	-25.38	-5.33	8.81	39.10	-24.77	-14.18	-13.11	
STCRHRS / FTE TEACH-FAC	1969	196.91	224.41	279.81	303.50	195.83	305.63	154.54	320.11	
	1971	227.09	167.45	265.73	330.24	272.45	229.90	132.61	276.11	
	PERCENT CHANGED	15.33	-25.38	-5.33	8.81	39.12	-24.78	-14.19	-13.11	
STUDENT CRHRS PRODUCED	1969	319	513	873	1,587	282	1,004	240	2,311	
	1971	342	537	735	1,710	355	669	331	2,111	
	PERCENT CHANGED	7.21	4.68	-15.81	7.75	25.89	-33.37	37.92	-7.11	
WEIGHTED AVG. CLASS SIZE	1969	12	15	21	21	12	25	13	13	
	1971	16	15	16	23	16	17	10	10	
	PERCENT CHANGED	25.93	.66	-21.67	9.43	35.80	-32.55	-23.48	-23.11	
AVG. SALARY/FTE TEACH	1969	4,238	3,479	4,168	3,600	3,950	3,567	4,022	3,511	
	1971	4,676	4,805	4,569	4,367	4,330	4,120	4,390	4,011	
	PERCENT CHANGED	10.34	38.14	9.61	12.99	9.63	15.50	9.14	15.11	
NO. OF FTE TEACHING FAC.	1969	1.620	2.286	3.120	5.229	1.440	3.285	1.553	7.211	
	1971	1.506	3.207	2.766	5.178	1.303	2.910	2.496	7.711	
	PERCENT CHANGED	-7.04	40.29	-11.35	-.98	-9.51	-11.42	60.72	7.11	

TABLE 36
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS			LEVEL 2 UPPER LEVEL							
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
21.52	15.50	14.90	11.86	20.17	11.67	26.03	11.93	15.79	23.56	13.57
20.59	28.70	17.20	12.32	15.90	17.92	33.11	14.80	18.85	29.25	17.28
-4.32	85.11	15.42	3.83	-21.19	53.53	27.18	34.18	19.36	24.19	27.27
23.98	22.35	18.47	21.83	24.48	14.38	27.68	15.13	16.70	45.93	18.83
23.57	35.75	23.20	19.97	18.53	20.54	35.45	18.56	20.74	42.77	22.29
-1.71	59.92	25.57	-8.53	-24.31	42.78	31.69	22.65	24.18	-6.87	18.35
13.13	14.96	18.65	20.23	13.06	20.38	10.30	21.38	14.54	6.58	18.07
15.14	11.16	17.72	22.02	18.16	15.33	8.84	18.43	13.37	8.97	16.46
15.31	-25.38	-5.33	8.81	39.10	-24.77	-14.18	-13.81	-8.95	36.34	-8.91
196.91	224.41	279.81	303.50	195.83	305.63	154.54	320.71	218.11	98.66	271.05
227.00	167.45	265.73	330.24	272.45	229.90	132.61	276.42	200.53	134.53	246.88
15.33	-25.38	-5.23	8.81	39.12	-24.78	-14.19	-13.81	-8.06	36.36	-8.91
319	513	873	1,587	282	1,004	240	2,320	159	66	7,363
342	537	735	1,710	355	669	331	2,153	228	90	7,150
7.21	4.68	-15.81	7.75	25.89	-33.37	37.92	-7.20	43.40	36.36	-2.89
12	15	21	21	12	25	13	30	18	7	21
16	15	16	23	16	17	10	23	15	8	18
25.93	.66	-21.07	9.43	35.80	-32.55	-20.43	-23.87	-11.58	9.89	-11.59
4,238	3,479	4,168	3,600	3,950	3,567	4,022	3,536	3,443	2,324	3,679
4,676	4,805	4,569	4,367	4,330	4,120	4,390	4,090	3,779	3,935	4,265
10.34	31.14	9.61	12.99	9.63	15.50	9.14	15.66	9.75	69.34	15.93
1.620	2.286	3.120	5.229	1.440	3.285	1.553	7.234	.729	.669	27.165
1.506	3.207	2.766	5.178	1.303	2.910	2.496	7.789	1.137	.669	28.961
-7.04	40.29	-11.35	-.98	-9.51	-11.42	60.72	7.67	55.97		6.61

TABLE 37
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		MATHEMATICS				LEVELS 3 & 5 MASTERS AND PROFESSIONAL			UT	UT
		APSU	ETSU	MSU	MTSU	TSU	TTU	CHATT.	KNOX	
COST PER STUDENT CREDIT HOUR										
DIRECT TEACHING	1969	24.86	59.23	35.10	52.82		44.86	86.43	26.4	
	1971	114.37	21.98	43.30	36.41		38.16	56.51	32.2	
PERCENT CHANGED		359.91	-62.89	23.34	-31.06		-14.94	-34.62	23.2	
TOTAL INSTRUCTIONAL	1969	27.95	86.53	40.93	60.92		50.75	90.32	38.2	
	1971	167.34	25.46	73.74	46.64		66.37	63.65	55.2	
PERCENT CHANGED		500.34	-70.57	72.81	-23.44		30.79	-32.85	44.2	
FTE STUDENT-FACULTY RATIO	1969	11.32	5.13	10.13	7.87		7.35	4.63	13.2	
	1971	3.72	18.29	8.48	11.10		9.87	7.63	12.2	
PERCENT CHANGED		-67.16	256.13	-16.31	41.04		34.22	64.70	-9.2	
STUDENT HRS / FTE TEACH-FAC	1969	135.87	61.60	121.55	94.42		88.24	55.56	160.2	
	1971	44.59	219.51	101.71	133.18		118.46	91.55	145.2	
PERCENT CHANGED		-67.18	256.32	-16.32	41.05		34.25	64.78	-9.2	
STUDENT GRADS PRODUCED	1969	75	180	264	66		171	18	1,400	
	1971	21	270	303	177		129	39	1,100	
PERCENT CHANGED		-72.00	50.00	14.77	168.18		-24.56	116.67	-20.0	
WEIGHTED AVG. CLASS SIZE	1969	6	4	9	7		7	5		
	1971	3	16	6	10		8	8		
PERCENT CHANGED		-49.77	243.80	-34.94	27.87		8.82	56.40	-20.0	
AVG. SALARY/FTE TEACH	1969	3,378	3,649	4,267	4,987		3,958	4,802	4,200	
	1971	5,099	4,824	4,404	4,850		4,520	5,173	4,700	
PERCENT CHANGED		50.94	32.21	3.22	-2.76		14.20	7.73	11.2	
NO. OF FTE TEACHING FAC.	1969	.552	2.922	2.172	.699		1.938	.324	9.2	
	1971	.471	1.230	2.979	1.329		1.089	.426	8.2	
PERCENT CHANGED		-14.67	-7.91	37.15	90.13		-43.81	31.48	-11.2	

TABLE 37
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS		LEVELS 3 & 5 MASTERS AND PROFESSIONAL							TOTAL	
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN		UT NASH.
24.86	59.23	35.10	52.82		44.86	86.43	26.40			32.61
114.37	21.98	43.30	36.41		38.16	56.51	32.51		34.86	34.62
359.91	-62.89	23.34	-31.06		-14.94	-34.62	23.15			6.18
27.95	86.53	40.93	60.92		50.75	90.32	38.43			44.20
167.34	25.46	70.74	46.64		66.37	60.65	55.59		45.06	54.88
506.34	-70.57	72.81	-23.44		30.79	-32.85	44.65			24.18
11.32	5.13	10.13	7.87		7.35	4.63	13.36			10.54
3.72	18.29	8.48	11.10		9.87	7.63	12.08		9.17	11.24
-67.16	256.13	-16.31	41.04		34.22	64.70	-9.57			6.62
135.87	61.60	121.55	94.42		88.24	55.56	160.34			126.49
44.59	219.51	101.71	133.18		118.46	91.55	145.00		110.00	134.87
-67.18	256.32	-16.32	41.05		34.25	64.78	-9.57			6.62
75	180	264	66		171	18	1,491			2,265
21	270	303	177		129	39	1,191		33	2,163
-72.00	50.00	14.77	168.18		-24.56	116.67	-20.12			-4.50
6	4	9	7		7	5	13			10
3	16	6	10		8	8	10		9	9
-49.77	243.80	-34.94	27.87		8.82	56.40	-20.72			-5.51
3,378	3,649	4,267	4,987		3,958	4,802	4,232			4,125
5,099	4,824	4,404	4,850		4,520	5,173	4,714		3,835	4,670
50.94	32.21	3.22	-2.76		14.20	7.73	11.37			13.20
.552	2.922	2.172	.699		1.938	.324	9.299			17.906
.471	1.230	2.979	1.329		1.089	.426	8.214		.300	16.038
-14.67	-57.91	37.15	90.13		-43.81	31.48	-11.67			-10.43

TABLE 38
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	MATHEMATICS				LEVEL 4 DOCTORAL			UT KNOW
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	
COST PER STUDENT CREDIT HOUR								
DIRECT TEACHING								116.
1969								138.
PERCENT CHANGED								18.
TOTAL INSTRUCTIONAL								161.
1969								173.
PERCENT CHANGED								5.
FTE STUDENT-FACULTY RATIO								3.
1969								3.
PERCENT CHANGED								-3.
STC2HRS / FTE TEACH-FAC								4.
1969								39.
PERCENT CHANGED								-3.
STUDENT CRHS PRODUCED								1
1969								1
PERCENT CHANGED								-21.
WEIGHTED AVG. CLASS SIZE								
1969								
PERCENT CHANGED								
AVG. SALARY/FTE TEACH								4,7
1969								5,4
PERCENT CHANGED								14.
NO. OF FTE TEACHING FAC.								4.6
1969								3.8
PERCENT CHANGED								-18.

TABLE 38
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS				LEVEL 4 DOCTORAL						TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	
							116.56			116.56
							138.32			138.32
							18.67			18.67
							161.98			161.98
							170.36			170.36
							5.18			5.18
							3.40			3.40
							3.29			3.29
							-3.23			-3.23
							40.79			40.79
							39.46			39.46
							-3.24			-3.24
							191			191
							150			150
							-21.47			-21.47
							2			2
							2			2
							.27			.27
							4,754			4,754
							5,459			5,459
							14.82			14.82
							4.683			4.683
							3.801			3.801
							-18.83			-18.83

TABLE 39
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		MATHEMATICS				TOTAL ALL LEVELS			
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	11.96	10.65	8.40	9.96	6.85	10.01	13.60	7.00
	1971	11.31	12.63	9.77	10.92	7.44	10.46	13.07	9.00
	PERCENT CHANGED	-5.44	18.59	16.35	9.64	8.58	4.50	-3.89	21.43
TOTAL INSTRUCTIONAL	1969	14.11	13.52	11.56	16.82	9.31	12.71	14.78	12.00
	1971	14.38	17.82	16.01	18.59	9.42	13.04	15.07	13.00
	PERCENT CHANGED	1.90	31.83	38.44	10.55	1.26	2.58	1.98	6.67
FTE STUDENT-FACULTY RATIO	1969	20.18	20.48	24.73	21.84	33.04	22.81	17.09	27.00
	1971	22.52	22.11	25.82	22.55	34.98	25.34	18.95	24.00
	PERCENT CHANGED	11.58	7.97	4.40	3.27	5.86	11.06	10.83	-12.00
STCRHRS / FTE TEACH-FAC	1969	300.34	305.20	369.14	326.72	495.65	340.36	256.06	412.00
	1971	337.13	328.52	385.14	335.97	524.67	378.35	283.59	362.00
	PERCENT CHANGED	12.25	7.64	4.33	2.83	5.86	11.16	10.75	-12.00
STUDENT CRHRS PRODUCED	1969	2,379	6,792	13,458	6,602	5,350	8,026	3,340	25,900
	1971	2,720	6,963	13,563	6,508	5,094	7,347	4,814	22,900
	PERCENT CHANGED	14.33	2.52	.78	-1.42	-4.79	-8.46	44.13	-11.00
WEIGHTED AVG. CLASS SIZE	1969	19	21	27	23	29	25	22	19
	1971	24	25	22	24	26	27	23	19
	PERCENT CHANGED	23.46	17.32	-20.31	5.94	-9.05	6.07	3.98	-30.00
AVG. SALARY/FTE TEACH	1969	3,591	3,250	3,100	3,253	3,394	3,408	3,483	3,200
	1971	3,812	4,150	3,764	3,667	3,901	3,959	3,707	3,400
	PERCENT CHANGED	6.14	27.66	21.40	12.74	14.93	16.17	6.44	7.00
NO. OF FTE TEACHING FAC.	1969	7,921	22,254	36,458	20,207	10,794	23,581	13,044	62,900
	1971	8,068	21,195	35,216	19,371	9,709	19,418	16,975	63,300
	PERCENT CHANGED	1.86	-4.76	-3.41	-4.14	-10.05	-17.65	30.14	0.00

TABLE 39
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS

TOTAL ALL LEVELS

YEAR	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
1969	11.96	10.65	8.40	9.96	6.85	10.01	13.60	7.90	9.63	12.37	9.02
1971	11.31	12.63	9.77	10.92	7.44	10.46	13.37	9.64	11.31	10.73	10.38
	-5.44	18.59	16.35	9.64	8.58	4.50	-3.89	21.92	31.10	-13.28	15.01
1969	14.11	13.52	11.56	16.82	9.31	12.71	14.78	12.63	9.33	27.12	12.78
1971	14.38	17.82	16.01	18.59	9.42	13.04	15.07	13.39	12.71	16.08	14.57
	1.90	31.83	38.44	10.55	1.26	2.58	1.98	6.02	36.23	-40.72	13.97
1969	20.18	20.48	24.73	21.84	33.04	22.81	17.09	27.96	23.91	13.27	24.22
1971	22.52	22.11	25.82	22.55	34.98	25.34	18.95	24.51	21.30	17.54	23.93
	11.58	7.97	4.40	3.27	5.86	11.36	10.83	-12.33	-10.91	32.10	-1.21
1969	300.34	305.20	369.14	326.72	495.65	340.36	256.06	412.70	358.62	199.09	360.45
1971	337.13	328.52	385.14	335.97	524.67	378.35	283.59	362.37	319.50	261.73	356.20
	12.25	7.64	4.33	2.83	5.86	11.16	10.75	-12.20	-10.91	31.46	-1.18
1969	2,379	6,792	13,458	6,602	5,350	8,026	3,340	25,973	11,747	1,009	77,676
1971	2,720	6,963	13,563	6,508	5,094	7,347	4,814	22,945	11,459	1,662	76,775
	14.33	2.52	.78	-1.42	-4.79	-8.46	44.13	-11.66	-6.07	64.72	-2.06
1969	19	21	27	23	29	25	22	29	29	16	26
1971	24	25	22	24	26	27	23	20	25	21	23
	23.46	17.32	-20.31	5.94	-9.05	6.07	3.98	-30.23	-13.18	33.10	-12.32
1969	3,591	3,250	3,100	3,253	3,394	3,408	3,483	3,261	3,093	2,463	3,251
1971	3,812	4,150	3,764	3,667	3,901	3,959	3,707	3,491	3,613	2,808	3,696
	6.14	27.66	21.40	12.74	14.93	16.17	6.44	7.05	16.81	14.00	13.66
1969	7.921	22.254	36.458	20.207	10.794	23.591	13.044	62.934	13.237	5.068	215.498
1971	8.068	21.195	35.216	19.371	9.709	19.418	16.975	63.319	13.956	6.350	213.577
	1.86	-4.76	-3.41	-4.14	-10.05	-17.55	30.14	.61	5.43	25.30	-.89

TABLE 39
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		MATHEMATICS				TOTAL ALL LEVELS			
		CLEV.	COL.	DYER S.	JACK.	MOTLOW	ROANE	VOL.	WALT
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	7.67	5.40		11.34				
	1971	10.58	9.81	10.60	10.09	8.26	11.23	13.63	9.
PERCENT CHANGED		37.92	81.59		-10.95				
TOTAL INSTRUCTIONAL	1969	10.78	6.60		12.44				
	1971	12.38	14.46	11.72	12.00	8.91	16.64	14.51	11.
PERCENT CHANGED		14.82	119.02		-3.53				
FTE STONT-FACULTY RATIO	1969	22.42	29.50		15.29				
	1971	19.34	22.26	19.25	19.33	22.11	16.33	15.28	19.
PERCENT CHANGED		-13.73	-24.55		26.45				
STCRHRS / FTE TEACH-FAC	1969	336.29	442.55		229.30				
	1971	290.10	333.88	273.67	289.97	331.60	244.88	229.14	289.
PERCENT CHANGED		-13.73	-24.55		26.46				
STUDENT CRHPS PRODUCED	1969	1,519	1,248		1,210				
	1971	1,485	1,013	763	1,509	1,147	454	530	1,2
PERCENT CHANGED		-2.24	-18.83		24.71				
WEIGHTED AVG. CLASS SIZE	1969	28	24		20				
	1971	22	22	19	20	22	16	14	
PERCENT CHANGED		-21.68	-6.34		1.69				
AVG. SALARY/FTE TEACH	1969	2,578	2,390		2,599				
	1971	3,068	3,275	2,901	2,927	2,738	2,749	3,124	2,7
PERCENT CHANGED		18.99	37.04		12.61				
NO. OF FTE TEACHING FAC.	1969	4.517	2.820		5.277				
	1971	5.119	3.034	2.788	5.204	3.459	1.854	2.313	4.
PERCENT CHANGED		13.33	7.59		-1.38				

TABLE 39
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		MATHEMATICS							TOTAL ALL LEVELS		
		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
9		7.67	5.40		11.34					8.07	8.97
1		10.58	9.81	10.60	10.09	8.26	11.23	13.63	9.48	9.88	10.34
		37.92	81.59		-10.95					22.34	15.20
9		10.78	6.60		12.44					9.97	12.64
1		12.38	14.46	11.72	12.00	8.91	16.64	14.51	11.15	11.88	14.37
		14.82	119.02		-3.53					19.11	13.68
9		22.42	29.50		15.29					21.02	24.04
1		19.34	22.26	19.25	19.33	22.11	16.33	15.28	19.29	20.12	23.61
		-13.73	-24.55		26.45					-4.27	-1.81
9		336.29	442.55		229.30					315.29	357.95
1		290.10	333.88	273.67	289.97	331.60	244.88	229.14	289.38	301.83	351.62
		-13.73	-24.55		26.46					-4.27	-1.77
9		1,519	1,248		1,210					3,977	81,653
1		1,485	1,013	763	1,509	1,147	454	530	1,218	5,917	81,992
		-2.24	-18.83		24.71					48.78	.42
9		28	24		20					23	26
1		22	22	19	20	22	16	14	19	21	22
		-21.68	-6.34		1.69					-10.40	-12.38
9		2,578	2,390		2,599					2,545	3,212
1		3,068	3,275	2,901	2,927	2,738	2,749	3,124	2,743	2,980	3,636
		18.99	37.04		12.61					17.12	13.17
9		4.517	2.820		5.277					12.614	228.112
1		5.119	3.034	2.788	5.204	3.459	1.854	2.313	4.209	19.604	233.181
		13.33	7.59		-1.38					55.41	2.22

TABLE 40
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		PHYSICAL SCIENCE				LEVEL 1 LOWER LEVEL			UT KNOX
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	
DIRECT TEACHING	1969	8.83	10.03	8.64	9.32	7.22	6.75	10.60	6.
	1971	11.42	13.80	8.97	6.30	11.41	7.35	11.76	6.
	PERCENT CHANGED	29.29	37.56	3.90	-32.35	58.14	8.90	10.97	10.
TOTAL INSTRUCTIONAL	1969	13.53	21.56	22.16	19.49	14.77	10.84	13.79	13.
	1971	16.32	23.21	19.87	14.61	19.04	11.17	18.10	15.
	PERCENT CHANGED	20.64	7.69	-10.33	-25.05	28.88	3.09	31.25	13.
FTE STUDENT-FACULTY RATIO	1969	28.75	21.06	28.15	24.14	30.17	32.51	21.40	29.
	1971	18.54	20.85	24.99	43.67	21.30	33.98	23.59	26.
	PERCENT CHANGED	-35.49	-1.01	-11.21	80.91	-29.40	4.51	5.31	-8.
STCRHRS / FTE TEACH-FAC	1969	431.18	315.89	422.22	362.07	452.53	487.69	336.06	444.
	1971	278.14	312.71	374.87	655.08	319.48	509.71	353.91	404.
	PERCENT CHANGED	-35.49	-1.01	-11.21	80.93	-29.40	4.52	5.31	-8.
STUDENT CRHRS PRODUCED	1969	1,607	3,755	8,180	6,359	1,997	5,645	3,451	27,0
	1971	1,940	4,644	10,533	7,276	1,414	6,298	4,093	24,8
	PERCENT CHANGED	20.72	23.68	28.77	14.42	-29.19	11.57	18.60	-8.
WEIGHTED AVG. CLASS SIZE	1969	24	33	31	26	32	39	29	
	1971	23	30	31	58	23	41	31	
	PERCENT CHANGED	-7.20	-9.69	-1.8	118.81	-27.61	7.07	6.63	-31.
AVG. SALARY/FTE TEACH	1969	3,807	3,168	3,646	3,374	3,265	3,291	3,561	2,7
	1971	3,176	4,315	3,364	4,129	3,646	3,746	4,162	2,7
	PERCENT CHANGED	-16.59	36.19	-7.74	22.37	11.67	13.81	16.87	.
NO. OF FTE TEACHING FAC.	1969	3,727	11,887	19,374	17,563	4,413	11,575	10,269	60.8
	1971	6,975	14,851	28,098	11,107	4,426	12,356	11,565	61.4
	PERCENT CHANGED	87.15	24.93	45.03	-36.76	.29	6.75	12.62	1.

TABLE 40
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

YEAR	PHYSICAL SCIENCE				LEVEL		LOWER LEVEL				TOTAL
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	
1969	8.83	10.03	8.64	9.32	7.22	6.75	10.60	6.11	8.75	7.13	7.62
1971	11.42	13.80	8.97	6.30	11.41	7.35	11.76	6.75	8.27	10.00	8.29
	29.29	37.56	3.90	-32.35	58.14	8.90	10.97	10.55	-5.50	40.29	8.78
1969	13.53	21.56	22.16	19.49	14.77	10.84	13.79	13.65	10.90	18.31	15.35
1971	16.32	23.21	19.87	14.61	19.04	11.17	18.10	15.46	12.28	14.47	16.17
	20.64	7.69	-10.33	-25.05	28.80	3.09	31.25	13.19	12.61	-21.00	5.38
1969	28.75	21.06	28.15	24.14	30.17	32.51	22.40	29.61	23.93	23.29	27.27
1971	18.54	20.85	24.99	43.67	21.30	33.98	23.59	26.95	24.80	23.89	27.08
	-35.49	-1.01	-11.21	80.91	-29.40	4.51	5.31	-8.97	20.35	2.58	-7.0
1969	431.18	315.89	422.22	362.07	452.53	487.69	336.06	444.10	358.90	349.34	409.04
1971	278.14	312.71	374.87	655.08	319.48	509.71	353.91	404.25	431.94	358.35	406.16
	-35.49	-1.01	-11.21	80.93	-29.40	4.52	5.31	-8.97	20.35	2.58	-7.0
1969	1,607	3,755	8,180	6,359	1,997	5,645	3,451	27,037	5,868	422	64,321
1971	1,940	4,644	10,533	7,276	1,414	6,298	4,093	24,858	5,617	850	67,523
	20.77	23.68	28.77	14.42	-29.19	11.57	18.60	-8.06	-4.28	101.42	4.98
1969	24	33	31	26	32	39	29	49	38	32	37
1971	23	30	31	58	23	41	31	33	36	27	34
	-7.20	-9.69	-1.10	118.81	-27.61	7.07	6.63	-31.47	-4.83	-15.30	-8.25
1969	3,807	3,168	3,646	3,374	3,265	3,291	3,561	2,712	3,141	2,489	3,118
1971	3,176	4,315	3,364	4,129	3,646	3,746	4,162	2,729	3,572	3,583	3,368
	-16.59	36.19	-7.74	22.37	11.67	13.81	16.87	.64	13.71	43.93	8.02
1969	3.727	11.887	19.374	17.563	4.413	11.575	10.269	60.881	16.350	1.208	157.247
1971	6.975	14.851	28.098	11.107	4.426	12.356	11.565	61.492	13.004	2.372	166.246
	87.15	24.93	45.00	-36.76	.29	6.75	12.62	1.00	-20.46	96.36	5.72

TABLE 40
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		PHYSICAL SCIENCE				LEVEL 1 LOWER LEVEL			
		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	9.60	8.84		15.84				
	1971	10.20	11.67	16.12	11.37	10.23	17.55	20.81	14.70
PERCENT CHANGED		6.23	31.94		-28.20				
TOTAL INSTRUCTIONAL	1969	21.61	17.56		26.10				
	1971	13.02	21.66	24.06	19.43	14.25	26.36	31.19	20.17
PERCENT CHANGED		-39.77	23.38		-25.54				
FTE STUDENT-FACULTY RATIO	1969	20.25	20.76		11.85				
	1971	21.47	20.45	13.03	17.70	21.68	11.91	9.59	15.54
PERCENT CHANGED		5.99	-1.52		49.42				
STCRHRS / FTE TEACH-FAC	1969	303.80	311.43		177.68				
	1971	321.99	306.69	195.45	265.51	325.22	178.68	143.86	233.13
PERCENT CHANGED		5.99	-1.52		49.43				
STUDENT CRHRS PRODUCED	1969	912	635		484				
	1971	1,088	775	412	599	414	119	144	449
PERCENT CHANGED		19.30	22.05		23.76				
WEIGHTED AVG. CLASS SIZE	1969	25	22		17				
	1971	25	28	14	23	24	20	11	15
PERCENT CHANGED		-2.35	25.82		32.34				
AVG. SALARY/FTE TEACH	1969	2,917	2,754		2,814				
	1971	3,284	3,579	3,150	3,020	3,325	3,136	2,994	3,427
PERCENT CHANGED		12.58	29.94		7.29				
NO. OF FTE TEACHING FAC.	1969	3,002	2,039		2,724				
	1971	3,379	2,527	2,108	2,256	1,273	.666	1,001	1,926
PERCENT CHANGED		12.56	23.93		-17.18				

TABLE 40
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE				LEVEL 1 LOWER LEVEL				TOTAL	TOTAL
CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	C. C.	ALL
9.60	8.84		15.84					10.85	7.72
10.20	11.67	16.12	11.37	10.23	17.55	20.81	14.70	11.51	8.44
6.23	31.94		-28.20					6.02	9.33
21.61	17.56		26.10					21.41	15.53
13.02	21.66	24.06	19.43	14.25	26.36	31.19	20.17	17.76	16.25
-39.77	23.38		-25.54					-17.05	4.60
20.25	20.76		11.85					17.44	26.81
21.47	20.45	13.03	17.70	21.68	11.91	9.59	15.54	18.99	26.55
5.99	-1.52		49.42					8.90	-9.95
333.80	311.43		177.68					261.56	402.10
321.99	306.69	195.45	265.51	325.22	178.68	143.86	233.13	284.85	398.29
5.99	-1.52		49.43					8.90	-9.95
912	635		484					2,031	66,352
1,088	775	412	599	414	119	144	449	3,288	70,811
19.30	27.05		23.76					61.89	6.72
25	22		17					22	36
25	28	14	23	24	20	11	15	23	33
-2.35	25.82		32.34					4.45	-8.37
2,917	2,754		2,814					2,838	3,105
3,284	3,579	3,150	3,020	3,325	3,136	2,994	3,427	3,277	3,362
12.58	25.94		7.29					15.46	8.29
3.002	2.039		2.724					7.765	165.12
3.379	2.527	2.138	2.256	1.273	.666	1.001	1.926	11.543	177.789
12.56	23.93		-17.18					48.65	7.74

TABLE 41
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		PHYSICAL SCIENCE				LEVEL 2 UPPER LEVEL			UT KNO
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	
DIRECT TEACHING	1969	26.61	34.40	17.76	20.35	20.61	10.55	32.95	11.
	1971	25.92	34.79	19.42	24.80	28.78	15.96	47.91	18.
PERCENT CHANGED		-2.60	1.13	9.33	21.85	39.65	51.30	45.37	56.
TOTAL INSTRUCTIONAL	1969	32.18	49.13	34.92	31.64	34.55	16.65	39.38	25.
	1971	32.13	48.97	35.37	38.17	42.65	21.39	60.24	30.
PERCENT CHANGED		-.16	-.32	1.29	20.62	23.42	28.46	52.97	22.
FTE STUDENT-FACULTY RATIO	1969	9.54	7.80	15.97	11.89	11.78	23.59	7.91	28.
	1971	10.29	8.77	13.70	12.00	9.51	16.93	6.29	14.
PERCENT CHANGED		7.89	12.46	-14.24	.91	-19.28	-28.22	-20.47	-50.
STCPHRS / FTE TEACH-FAC	1969	143.06	116.94	239.57	178.41	176.67	353.90	119.71	426.
	1971	154.34	131.52	205.44	180.03	142.60	254.00	94.39	210.
PERCENT CHANGED		7.89	12.47	-14.25	.91	-19.29	-28.23	-20.49	-50.
STUDENT CRHPS PRODUCED	1969	615	881	1,516	618	362	1,411	460	3,4
	1971	501	792	1,413	786	314	1,191	313	3,3
PERCENT CHANGED		-18.54	-10.10	-6.79	27.18	-13.26	-15.59	-31.96	-4.
WEIGHTED AVG. CLASS SIZE	1969	11	12	18	15	12	26	8	
	1971	11	13	19	14	14	21	7	
PERCENT CHANGED		.51	11.22	3.56	-7.93	21.32	-19.90	-6.45	-7.
AVG. SALARY/FTE TEACH	1969	3,807	4,023	4,254	3,630	3,641	3,733	3,912	4,9
	1971	4,001	4,576	3,989	4,464	4,104	4,054	4,522	3,8
PERCENT CHANGED		5.09	13.74	-6.24	22.95	12.73	8.61	15.59	-22.
NO. OF FTE TEACHING FAC.	1969	4,299	7,534	6,328	3,464	2,049	3,987	3,875	8.2
	1971	3,246	6,022	6,878	4,366	2,202	4,689	3,316	15.9
PERCENT CHANGED		-24.49	-20.07	8.69	26.04	7.47	17.61	-14.43	94.

TABLE 41
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

YEAR	PHYSICAL SCIENCE				LEVEL 2 UPPER LEVEL						TOTAL
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT WASH.	
1969	26.61	34.40	17.76	20.35	20.61	10.55	32.95	11.63	21.04	15.68	17.74
1971	25.92	34.79	19.42	24.80	28.78	15.96	47.91	18.25	25.32	15.34	22.26
	-2.60	1.13	9.33	21.85	39.65	51.30	45.37	56.88	20.31	-2.18	25.50
1969	32.18	49.13	34.92	31.64	34.55	16.65	39.38	25.07	23.95	36.07	29.36
1971	32.13	48.97	35.37	38.17	42.65	21.39	62.24	30.66	33.12	21.60	33.88
	-0.16	-0.32	1.29	20.62	23.42	28.46	52.97	22.30	38.28	-40.11	15.40
1969	9.54	7.80	15.97	11.89	11.78	23.59	7.91	28.43	11.50	6.83	15.30
1971	10.29	8.77	13.70	12.00	9.51	16.93	6.29	14.02	10.73	15.29	12.28
	7.89	12.46	-14.24	.91	-19.28	-28.22	-20.47	-50.67	-6.68	123.90	-19.74
1969	143.06	116.94	239.57	178.41	176.67	353.90	118.71	426.46	172.48	102.41	229.48
1971	154.34	131.52	205.44	180.03	142.60	254.00	94.39	210.35	160.96	229.38	184.17
	7.39	12.47	-14.25	.91	-19.29	-28.23	-20.49	-50.68	-6.68	123.97	-19.74
1969	615	881	1,516	618	362	1,411	460	3,497	539	51	9,950
1971	501	792	1,413	786	314	1,191	313	3,354	639	114	9,417
	-18.54	-10.10	-6.79	27.18	-13.26	-15.59	-31.96	-4.09	18.55	123.53	-5.36
1969	11	12	18	15	12	26	8	20	19	9	16
1971	11	13	19	14	14	21	7	18	15	16	16
	.51	11.22	3.56	-7.93	21.32	-19.90	-6.45	-7.70	-18.59	86.51	-2.47
1969	3,807	4,023	4,254	3,630	3,641	3,733	3,912	4,960	3,630	1,606	4,070
1971	4,001	4,576	3,989	4,464	4,104	4,054	4,522	3,839	4,075	3,519	4,100
	5.09	13.74	-6.24	22.95	12.73	8.61	15.59	-22.60	12.27	119.06	.73
1969	4,299	7,534	6,328	3,464	2,049	3,987	3,875	8,200	3,125	.498	43,359
1971	3,246	6,022	6,878	4,366	2,202	4,689	3,316	15,945	3,970	.497	51,131
	-24.49	-20.07	8.69	26.04	7.47	17.61	-14.43	94.45	27.04	-0.20	17.92

TABLE 42
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR	PHYSICAL SCIENCE			LEVELS 3 & 5			MASTERS AND PROFESSIONAL	
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING								
1969		78.98	51.33	88.72	48.48	56.16	108.94	32.49
1971		180.70	31.16	84.47	171.88	33.44		48.46
PERCENT CHANGED		128.80	-39.28	-4.79	254.53	-40.46	-100.00	49.10
TOTAL INSTRUCTIONAL								
1969		104.56	97.79	114.03	91.48	71.50	127.77	59.60
1971		337.50	75.85	115.61	498.68	87.77		106.00
PERCENT CHANGED		222.76	-22.43	1.39	445.11	22.76	-100.00	77.80
FTE STDNT-FACULTY RATIO								
1969		4.38	7.00	3.94	5.95	5.76	3.01	12.60
1971		2.24	12.50	4.45	2.12	11.06		7.60
PERCENT CHANGED		-48.87	78.58	15.88	-64.35	91.98	-100.00	-39.54
STCRHRS / FTE TEACH-FAC								
1969		52.53	83.99	46.04	71.43	69.10	36.08	151.78
1971		26.83	150.04	53.35	25.44	132.71		91.75
PERCENT CHANGED		-48.92	78.63	15.88	-64.39	92.06	-100.00	-39.55
STUDENT CRHRS PRODUCED								
1969		107	393	43	23	182	21	1,868
1971		51	639	86	19	170		1,238
PERCENT CHANGED		-52.34	62.60	100.00	-17.39	-6.59	-100.00	-33.73
WEIGHTED AVG. CLASS SIZE								
1969		5	5	3	3	5	2	7
1971		2	9	4	2	9		6
PERCENT CHANGED		-46.36	91.92	37.20	-36.61	68.34	-100.00	-21.67
AVG. SALARY/FTE TEACH								
1969		4,148	4,311	4,085	3,463	3,880	3,931	4,931
1971		4,848	4,676	4,506	4,372	4,437		4,446
PERCENT CHANGED		16.86	8.45	10.32	26.25	14.35	-100.00	-9.83
NO. OF FTE TEACHING FAC.								
1969		2,037	4,679	.934	.322	2,634	.582	12,307
1971		1,971	4,259	1.612	.747	1,281		13,493
PERCENT CHANGED		-6.68	-8.98	72.59	131.99	-51.37	-100.00	9.64

TABLE 42
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE			LEVELS 3 & 5					MASTERS AND PROFESSIONAL		TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	
	78.98	51.33	88.72	48.48	56.16	108.94	32.49			40.48
	180.72	31.16	84.47	171.88	33.44		48.46			47.82
	128.80	-39.28	-4.79	254.53	-40.46	-100.00	49.16			18.12
	104.56	97.79	114.03	91.48	71.50	127.77	59.61			69.65
	337.52	75.85	115.61	498.68	87.77		106.01			104.98
	222.76	-22.43	1.39	445.11	22.76	-100.00	77.85			50.72
	4.38	7.00	3.84	5.95	5.76	3.01	12.65			9.35
	2.24	12.50	4.45	2.12	11.06		7.65			7.88
	-48.87	78.58	15.88	-64.35	91.98	-100.00	-39.54			-15.72
	52.53	83.99	46.04	71.43	69.10	36.08	151.78			112.24
	26.83	150.04	53.35	25.44	132.71		91.75			94.58
	-48.92	78.63	15.88	-64.39	92.06	-100.00	-39.55			-15.73
	137	393	43	23	182	21	1,868			2,637
	51	639	86	19	170		1,238			2,203
	-52.34	62.60	100.00	-17.39	-6.59	-100.00	-33.73			-16.46
	5	5	3	3	5	2	7			6
	2	9	4	2	9		6			6
	-46.36	91.92	37.20	-36.61	68.34	-100.00	-21.67			-2.21
	4,148	4,311	4,085	3,463	3,880	3,931	4,931			4,543
	4,848	4,676	4,506	4,372	4,437		4,446			4,522
	16.86	8.45	10.32	26.25	14.35	-100.00	-9.83			-4.46
	2.037	4.679	.934	.322	2.634	.582	12.307			23.495
	1.971	4.259	1.612	.757	1.281		13.493			23.293
	-0.68	-8.98	72.59	131.99	-51.37	-100.00	9.64			-8.86

TABLE 43
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR	PHYSICAL SCIENCE				LEVEL 4 DOCTORAL			
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING			89.46					89.3
1969			66.74					116.0
1971								29.8
PERCENT CHANGED			-25.39					
TOTAL INSTRUCTIONAL			171.74					152.7
1969			141.93					253.4
1971								33.1
PERCENT CHANGED			-17.36					
FTE STONT-FACULTY RATIO			4.07					4.6
1969			6.09					3.6
1971								-21.2
PERCENT CHANGED			49.51					
STCPHRS / FTE TEACH-FAC			48.86					55.9
1969			73.07					44.3
1971								-21.2
PERCENT CHANGED			49.55					
STUDENT CRHS PRODUCED			64					83
1969			169					72
1971								-13.3
PERCENT CHANGED			164.06					
WEIGHTED AVG. CLASS SIZE			3					
1969			3					
1971								-9.8
PERCENT CHANGED			-3.53					
AVG. SALARY/FTE TEACH			4,370					5,00
1969			4,877					5,11
1971								2.2
PERCENT CHANGED			11.58					
NO. OF FTE TEACHING FAC.			1.310					14.84
1969			2.313					16.33
1971								10.0
PERCENT CHANGED			76.56					

TABLE 43
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE			LEVEL 4 DOCTORAL							TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
		89.46					89.39			89.39
		66.74					116.03			136.66
		-25.39					29.80			19.32
		171.74					152.73			154.09
		141.93					203.42			191.73
		-17.36					33.18			24.42
		4.07					4.67			4.62
		6.09					3.67			3.97
		49.51					-21.22			-13.93
		46.86					55.98			55.40
		73.07					44.09			47.68
		49.55					-21.25			-13.94
		64					831			895
		169					720			889
		164.06					-13.36			-.67
		3					3			3
		3					2			2
		-3.53					-9.82			-8.12
		4,370					5,004			4,953
		4,877					5,115			5,385
		11.58					2.22			2.68
		1.310					14.844			16.154
		2.313					16.332			18.645
		76.56					10.02			15.42

TABLE 44
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		PHYSICAL SCIENCE				TOTAL ALL LEVELS			
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	13.75	16.11	12.16	10.78	9.65	8.73	13.74	10.2
	1971	14.40	18.38	12.01	8.91	16.28	9.27	14.33	12.3
	PERCENT CHANGED	4.67	14.07	-1.26	-17.29	68.69	6.12	4.30	20.4
TOTAL INSTRUCTIONAL	1969	19.69	28.55	27.94	21.14	18.52	13.50	17.39	20.9
	1971	19.56	29.85	26.01	17.95	28.50	14.46	21.10	25.3
	PERCENT CHANGED	4.67	4.57	-6.89	-15.10	53.88	7.15	21.28	21.1
FTE STUDENT-FACULTY RATIO	1969	18.46	14.82	21.60	21.34	23.46	26.64	17.83	23.4
	1971	15.92	16.10	20.79	31.88	15.84	28.02	19.74	19.0
	PERCENT CHANGED	-13.74	8.63	-3.75	49.35	-32.51	4.99	10.73	-16.8
STC PHRS / FTE TEACH-FAC	1969	276.85	221.04	320.38	319.66	351.12	397.78	267.01	345.3
	1971	238.82	240.93	306.97	476.91	236.88	417.93	296.08	281.2
	PERCENT CHANGED	-13.74	9.00	-4.18	49.19	-32.54	5.07	10.89	-18.5
STUDENT CRHS PRODUCED	1969	2,222	4,743	10,153	7,020	2,382	7,238	3,932	33,23
	1971	2,441	5,487	12,754	8,148	1,747	7,659	4,406	30,17
	PERCENT CHANGED	9.86	15.69	25.62	16.07	-26.66	5.82	13.05	-9.2
WEIGHTED AVG. CLASS SIZE	1969	18	23	22	24	24	31	21	2
	1971	18	23	23	40	19	34	26	2
	PERCENT CHANGED	2.36	2.45	4.69	68.38	-20.70	9.10	23.05	-18.7
AVG. SALARY/FTE TEACH	1969	3,807	3,561	3,896	3,444	3,388	3,473	3,668	3,54
	1971	3,438	4,428	3,686	4,250	3,856	3,873	4,243	3,47
	PERCENT CHANGED	-9.70	24.34	-5.39	23.38	13.82	11.51	15.65	-1.9
NO. OF FTE TEACHING FAC.	1969	8.026	21.458	31.691	21.961	6.784	18.196	14.726	96.23
	1971	10.221	22.774	41.548	17.085	7.375	18.326	14.881	107.26
	PERCENT CHANGED	27.35	6.13	31.10	-22.20	8.71	.71	1.05	11.4

TABLE 44
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE				TOTAL ALL LEVELS							
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	TOTAL	
13.75	16.11	12.16	10.78	9.65	8.73	13.74	10.25	9.79	8.05	10.97	
14.40	18.38	12.01	8.91	16.28	9.27	14.33	12.35	10.01	10.63	12.12	
4.67	14.07	-1.26	-17.29	68.69	6.12	4.30	20.43	2.29	32.06	10.45	
18.69	28.55	27.94	21.14	18.52	13.50	17.39	20.92	12.00	20.23	20.57	
19.56	29.85	26.01	17.95	28.50	14.46	21.10	25.35	14.41	15.31	22.65	
4.67	4.57	-6.89	-15.10	53.88	7.15	21.28	21.18	20.05	-24.30	10.08	
18.46	14.82	21.60	21.34	23.46	26.69	17.83	23.49	21.93	18.48	21.83	
15.92	16.10	20.79	31.88	15.84	28.02	19.74	19.06	24.57	22.40	20.77	
-13.74	8.63	-3.75	49.35	-32.51	4.99	10.73	-18.87	12.03	21.18	-4.85	
276.85	221.04	320.38	319.66	351.12	397.78	267.01	345.34	328.99	277.26	323.84	
238.82	240.93	306.97	476.91	236.88	417.93	296.08	281.27	368.56	336.01	308.63	
-13.74	9.00	-4.19	49.19	-32.54	5.07	10.89	-18.55	12.03	21.19	-4.70	
2,222	4,743	10,153	7,020	2,382	7,238	3,932	33,233	6,407	473	77,803	
2,441	5,487	12,754	8,148	1,747	7,659	4,406	30,170	6,256	964	80,032	
9.86	15.69	25.62	16.07	-26.66	5.82	12.05	-9.22	-2.36	103.81	2.86	
18	23	22	24	24	31	21	26	35	25	25	
18	23	23	40	19	34	26	21	32	25	24	
2.36	2.45	4.69	68.38	-20.70	9.10	20.05	-18.79	-9.32	1.86	-3.22	
3,807	3,561	3,896	3,444	3,388	3,473	3,668	3,541	3,219	2,231	3,553	
3,438	4,428	3,686	4,250	3,856	3,873	4,243	3,473	3,689	3,572	3,740	
-9.70	24.34	-5.39	23.38	13.82	11.51	15.65	-1.90	14.60	60.06	5.26	
8.026	21.458	31.691	21.961	6.784	18.196	14.726	96.232	19.475	1.706	240.255	
10.221	22.774	41.548	17.085	7.375	18.326	14.881	107.262	16.974	2.869	259.315	
27.35	6.13	31.10	-22.20	8.71	.71	1.05	11.46	-12.84	68.17	7.93	

TABLE 44
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		PHYSICAL SCIENCE				TOTAL ALL LEVELS			
		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANF	VOL.	WALTERS
DIRECT TEACHING	1969	9.60	8.84		15.84				
	1971	10.27	11.67	16.12	11.37	10.23	17.55	20.81	14.70
PERCENT CHANGED		6.23	31.94		-28.20				
TOTAL INSTRUCTIONAL	1969	21.61	17.56		26.10				
	1971	13.62	21.66	24.06	19.43	14.25	26.36	31.19	20.17
PERCENT CHANGED		-39.77	23.38		-25.54				
FTE STUNT-FACULTY RATIO	1969	20.25	20.76		11.85				
	1971	21.47	20.45	13.03	17.70	21.68	11.91	9.59	15.54
PERCENT CHANGED		5.99	-1.52		49.42				
STC/HRS / FTE TEACH-FAC	1969	303.80	311.43		177.68				
	1971	321.99	306.69	195.45	265.51	325.22	178.68	143.86	233.13
PERCENT CHANGED		5.99	-1.52		49.43				
STUDENT CRHRS PRODUCED	1969	912	635		484				
	1971	1,088	775	412	599	414	119	144	449
PERCENT CHANGED		19.33	22.05		23.76				
WEIGHTED AVG. CLASS SIZE	1969	25	22		17				
	1971	25	28	14	23	24	20	11	15
PERCENT CHANGED		-2.35	25.82		32.34				
AVG. SALARY/FTE TEACH	1969	2,917	2,754		2,814				
	1971	3,284	3,579	3,150	3,020	3,325	3,136	2,994	3,427
PERCENT CHANGED		12.58	29.94		7.29				
NO. OF FTE TEACHING FAC.	1969	3,002	2,039		2,724				
	1971	3,379	2,527	2,108	2,256	1,273	.666	1,001	1,926
PERCENT CHANGED		12.56	23.93		-17.18				

TABLE 44
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

YEAR	PHYSICAL SCIENCE				TOTAL ALL LEVELS				TOTAL C. C.	TOTAL ALL
	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS		
1969	9.60	8.84		15.84					10.85	10.97
1971	10.23	11.67	16.12	11.37	10.23	17.55	20.81	14.70	11.51	12.09
	5.23	31.94		-28.20					6.62	10.26
1969	21.61	17.55		26.10					21.41	20.60
1971	13.62	21.66	24.06	19.43	14.25	26.36	31.19	20.17	17.76	22.46
	-39.77	23.38		-25.54					-17.65	9.03
1969	20.25	20.76		11.85					17.44	21.70
1971	21.47	20.45	13.03	17.70	21.68	11.91	9.59	15.54	18.99	20.70
	5.99	-1.52		49.42					8.90	-4.60
1969	303.80	311.43		177.68					261.56	321.89
1971	321.99	306.69	195.45	265.51	325.22	178.68	143.86	233.13	284.85	307.62
	5.99	-1.52		49.43					8.90	-4.43
1969	912	635		484					2,031	79,834
1971	1,088	775	412	599	414	119	144	449	3,288	83,320
	19.30	22.05		23.76					61.89	4.37
1969	25	22		17					22	25
1971	25	28	14	23	24	20	11	15	23	24
	-2.35	25.82		32.34					4.45	-3.09
1969	2,917	2,754		2,814					2,838	3,530
1971	3,284	3,579	3,150	3,020	3,325	3,136	2,994	3,427	3,277	3,720
	12.58	29.94		7.29					15.46	5.37
1969	3,002	2,039		2,724					7.765	248,020
1971	3,379	2,527	2,108	2,256	1,273	.666	1,001	1,926	11,543	270,858
	12.56	23.93		-17.18					48.65	9.21

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TABLE 45
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		PSYCHOLOGY				LEVEL 1 LOWER LEVEL			UT KNOX
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	
DIRECT TEACHING	1969	5.16	4.65	4.17	4.07	4.83	4.44	5.86	1.80
	1971	3.95	6.97	4.43	4.76	9.35	6.82	8.74	1.32
PERCENT CHANGED		-23.48	49.83	6.38	16.84	93.49	53.62	49.25	-26.52
TOTAL INSTRUCTIONAL	1969	6.47	7.00	13.77	6.38	9.04	6.21	11.83	6.92
	1971	6.95	10.93	10.55	8.33	14.88	9.48	12.75	6.62
PERCENT CHANGED		7.40	43.29	-23.39	30.52	64.55	52.65	7.85	-5.11
FTE STUDENT-FACULTY RATIO	1969	48.50	45.35	36.03	55.90	39.05	38.43	34.71	149.54
	1971	52.01	37.66	49.71	53.45	27.79	28.24	30.43	118.22
PERCENT CHANGED		7.24	-16.95	37.95	-4.39	-28.83	-26.51	-12.33	-20.74
STCRHRS / FTE TFACH-FAC	1969	727.42	680.30	540.46	838.52	585.68	576.45	520.69	2,240.39
	1971	780.09	564.96	745.57	801.71	416.78	423.63	456.46	1,773.29
PERCENT CHANGED		7.24	-16.95	37.95	-4.39	-28.84	-26.51	-12.33	-20.94
STUDENT CRHRS PRODUCED	1969	1,764	2,196	5,156	3,396	1,227	1,131	1,095	9,192
	1971	1,575	3,444	7,578	3,093	1,788	1,323	2,343	10,581
PERCENT CHANGED		-10.71	56.83	46.97	-8.92	45.72	16.98	113.97	15.11
WEIGHTED AVG. CLASS SIZE	1969	52	41	53	57	33	38	41	60
	1971	58	28	68	57	27	29	37	19
PERCENT CHANGED		12.32	-30.77	29.71	-13.88	-18.04	-21.73	-8.20	-73.97
AVG. SALARY/FTE TEACH	1969	3,754	3,161	2,252	3,412	2,829	2,559	3,050	4,040
	1971	3,079	3,935	3,305	3,812	3,897	2,890	3,991	2,344
PERCENT CHANGED		-17.97	24.47	46.75	11.75	37.76	12.93	30.87	-41.91
NO. OF FTE TEACHING FAC.	1969	2,425	3,228	9,540	4,050	2,095	1,962	2,103	4,098
	1971	2,019	6,096	10,164	3,858	4,290	3,123	5,133	5,967
PERCENT CHANGED		-16.74	88.85	6.54	-4.74	104.77	59.17	144.08	45.61

TABLE 45
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY			LEVEL 1 LOWER LEVEL								TOTAL
APSU	ETSU	MSU	MTSU	TSU	ITU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.		
5.16	4.65	4.17	4.07	4.83	4.44	5.86	1.80	4.80	6.83	3.72	
3.95	6.97	4.43	4.76	9.35	6.82	8.74	1.32	6.11	3.53	4.50	
-23.48	49.83	6.38	16.84	93.49	53.62	49.25	-26.52	27.25	-48.25	21.03	
6.47	7.00	13.77	6.38	9.04	6.21	11.83	6.99	5.66	17.78	8.52	
6.95	10.03	10.55	8.33	14.88	9.48	12.75	6.63	8.50	5.64	8.98	
7.40	43.29	-23.39	30.52	64.55	52.65	7.85	-5.13	50.15	-68.27	5.35	
48.50	45.35	36.03	55.90	39.05	38.43	34.71	149.54	47.39	25.48	54.14	
52.01	37.66	49.71	53.45	27.79	28.24	30.43	118.22	42.49	59.55	51.21	
7.24	-16.95	37.95	-4.39	-28.83	-26.51	-12.33	-20.94	-9.75	133.66	-5.41	
727.42	680.30	540.46	838.52	585.68	576.45	520.69	2,243.05	706.28	382.22	812.06	
780.09	564.96	745.57	801.71	416.78	423.63	456.46	1,773.25	637.38	893.18	768.14	
7.24	-16.95	37.95	-4.39	-28.84	-26.51	-12.33	-20.94	-9.76	133.68	-5.41	
1,764	2,196	5,156	3,396	1,227	1,331	1,095	9,192	2,496	735	28,388	
1,575	3,444	7,578	3,093	1,788	1,323	2,343	10,581	3,243	1,179	36,147	
-10.71	56.83	46.97	-8.92	45.72	16.98	113.97	15.11	29.93	60.41	27.33	
52	41	-53	67	33	38	41	60	59	35	52	
58	28	68	57	27	29	37	15	49	56	28	
12.32	-30.77	29.71	-13.88	-18.04	-21.73	-8.20	-73.97	-17.18	59.56	-44.68	
3,754	3,161	2,252	3,412	2,829	2,559	3,050	4,040	3,392	2,612	3,119	
3,079	3,935	3,305	3,812	3,897	2,890	3,991	2,344	3,897	3,156	3,458	
-17.97	24.47	46.75	11.75	37.76	12.93	30.87	-41.98	14.87	20.83	14.53	
2.425	3.228	9.540	4.050	2.095	1.962	2.103	4.098	3.534	1.923	34.958	
2.019	6.096	10.164	3.858	4.290	3.123	5.133	5.967	5.088	1.320	47.058	
-16.74	88.85	6.54	-4.74	104.77	59.17	144.08	45.61	43.97	-31.36	34.61	

TABLE 45
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		PSYCHOLOGY			LEVEL 1		LOWER LEVEL		WALTON
		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	4.97	4.50		3.85				
	1971	5.34	5.06	7.76	4.98	4.95	7.07	5.39	7.3
PERCENT CHANGED		7.41	12.24		29.42				
TOTAL INSTRUCTIONAL	1969	5.71	5.37		9.93				
	1971	6.14	6.38	7.99	5.70	5.73	10.28	5.15	8.3
PERCENT CHANGED		7.53	18.95		-42.54				
FTE STUDENT-FACULTY RATIO	1969	31.63	31.64		43.04				
	1971	32.63	34.33	23.03	36.65	32.55	26.12	32.50	25.1
PERCENT CHANGED		3.15	8.49		-14.84				
STCRHRS / FTE TEACH-FAC	1969	474.41	474.60		645.52				
	1971	489.40	514.93	345.38	549.75	488.27	391.79	487.56	377.2
PERCENT CHANGED		3.16	8.50		-14.84				
STUDENT CRHS PRODUCED	1969	1,335	1,065		519				
	1971	1,869	1,449	516	663	687	315	588	1,02
PERCENT CHANGED		40.00	36.06		27.75				
WEIGHTED AVG. CLASS SIZE	1969	32	30		43				
	1971	31	32	29	37	33	26	33	2
PERCENT CHANGED		-1.97	8.70		-14.67				
AVG. SALARY/FTE TEACH	1969	2,360	2,137		2,485				
	1971	2,615	2,603	2,678	2,740	2,417	2,768	2,628	2,75
PERCENT CHANGED		10.82	21.82		10.26				
NO. OF FTE TEACHING FAC.	1969	2,814	2,244		.804				
	1971	3,819	2,814	1,494	1,206	1,407	.804	1,206	2.71
PERCENT CHANGED		35.71	25.40		50.00				

TABLE 45
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

YEAR	PSYCHOLOGY				LEVEL 1 LOWER LEVEL				TOTAL C. C.	TOTAL ALL
	CL. EV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTFRS		
1969	4.97	4.50		3.85					4.60	3.80
1971	5.34	5.06	7.76	4.98	4.95	7.07	5.39	7.31	5.41	4.62
	7.41	12.24		29.42					17.43	21.42
1969	5.71	5.37		9.93					6.33	8.32
1971	6.14	6.38	7.99	5.70	5.73	10.28	5.15	8.36	6.29	8.64
	7.53	18.95		-42.54					-84	3.88
1969	31.63	31.64		43.04					33.20	51.13
1971	32.63	34.33	23.03	36.65	32.55	26.12	32.50	25.15	32.18	47.67
	3.15	8.49		-14.84					-3.07	-6.76
1969	474.41	474.60		645.52					497.95	766.95
1971	489.40	514.93	345.38	549.75	488.27	391.79	487.56	377.21	482.68	715.09
	3.16	8.50		-14.84					-3.07	-6.76
1969	1,335	1,065		519					2,914	31,307
1971	1,869	1,449	516	663	687	315	588	1,023	5,184	41,331
	40.00	36.06		27.75					77.60	32.02
1969	32	30		43					32	49
1971	31	32	29	37	33	26	33	26	32	29
	-1.97	8.70		-14.67					-1.31	-40.81
1969	2,360	2,137		2,485					2,292	2,914
1971	2,615	2,603	2,678	2,740	2,417	2,768	2,628	2,757	2,609	3,300
	10.82	21.82		10.26					13.84	13.23
1969	2.814	2.244		.874					5.862	40.820
1971	3.819	2.814	1.494	1.206	1.467	.904	1.206	2.712	10.740	57.798
	35.71	25.40		50.00					83.21	41.59

TABLE 46
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		PSYCHOLOGY				LEVEL 2 UPPER LEVEL			UT CHATT.	UT KNOX
		APSU	ETSU	*SU	MTSU	TSU	TTU			
DIRECT TEACHING	1969	8.49	6.57	9.46	6.80	7.12	8.24	19.42	4.9	
	1971	10.91	10.44	12.81	6.45	9.02	9.94	18.02	3.6	
PERCENT CHANGED		28.44	58.85	35.44	-5.09	26.60	20.54	-7.24	-20.2	
TOTAL INSTRUCTIONAL	1969	10.03	8.83	21.36	9.90	11.66	10.31	26.71	11.2	
	1971	14.76	13.39	23.03	10.55	14.21	12.39	23.22	6.9	
PERCENT CHANGED		47.25	51.65	7.85	6.54	21.83	20.13	-13.06	-38.1	
FTE STUDENT-FACULTY RATIO	1969	33.53	41.88	23.43	33.14	34.60	25.59	14.20	55.4	
	1971	28.57	32.35	19.63	40.46	29.78	26.82	17.68	68.5	
PERCENT CHANGED		-14.80	-22.77	-17.96	22.07	-13.92	4.78	24.52	23.5	
STCRHRS / FTE TEACH-FAC	1969	502.99	628.24	359.01	497.12	519.00	383.90	212.98	832.3	
	1971	428.57	485.19	294.52	606.82	446.72	402.24	265.20	1,028.0	
PERCENT CHANGED		-14.80	-22.77	-17.97	22.07	-13.93	4.78	24.52	23.5	
STUDENT CRHRS PRODUCED	1969	252	1,308	1,631	1,727	806	744	233	3,65	
	1971	459	1,179	2,046	3,397	1,069	753	689	4,61	
PERCENT CHANGED		82.14	-9.86	25.44	96.70	32.63	1.21	195.71	26.2	
WEIGHTED AVG. CLASS SIZE	1969	33	32	27	34	29	29	17	3	
	1971	30	27	21	38	31	30	20	3	
PERCENT CHANGED		-9.38	-15.81	-20.72	11.17	6.00	2.75	21.13	5.5	
AVG. SALARY/FTE TEACH	1969	4,272	4,127	3,394	3,378	3,696	3,164	4,137	3,77	
	1971	4,676	5,064	3,772	3,914	4,029	3,997	4,778	3,71	
PERCENT CHANGED		9.45	22.71	11.13	15.85	8.99	26.31	15.51	-1.5	
NO. OF FTE TEACHING FAC.	1969	.501	2.082	4.543	3.474	1.553	1.938	1.094	4.39	
	1971	1.071	2.430	6.947	5.598	2.393	1.872	2.598	4.49	
PERCENT CHANGED		113.77	16.71	52.92	61.14	54.09	-3.41	137.48	2.2	

TABLE 46
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	PSYCHOLOGY			LEVEL 2 UPPER LEVEL						TOTAL	
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN		UT WASH.
69	8.49	6.57	9.46	6.80	7.12	8.24	19.42	4.53	10.05	18.40	7.14
71	10.91	10.44	12.81	6.45	9.02	9.94	18.02	3.61	13.11	5.81	8.04
	28.44	58.85	35.44	-5.09	26.60	20.54	-7.24	-20.27	30.48	-68.44	12.51
69	10.03	8.83	21.36	9.90	11.66	10.31	26.71	11.27	11.12	35.31	12.92
71	14.76	13.39	23.03	10.55	14.21	12.39	23.22	6.96	16.57	8.60	12.63
	47.25	51.65	7.85	6.54	21.83	20.13	-13.06	-38.19	49.00	-75.62	-2.21
69	33.53	41.88	23.43	33.14	34.60	25.59	14.20	55.49	27.28	7.04	32.79
71	28.57	32.35	19.63	40.46	29.78	26.82	17.68	68.54	21.57	36.24	33.74
	-14.80	-22.77	-17.96	22.07	-13.92	4.78	24.52	23.51	-20.92	414.76	2.89
69	502.99	628.24	359.01	497.12	519.00	383.90	212.98	832.38	409.23	105.55	491.89
71	428.57	485.19	294.52	606.82	446.72	402.24	265.20	1,028.06	323.62	543.59	506.11
	-14.80	-22.77	-17.97	22.07	-13.93	4.78	24.52	23.51	-20.92	415.01	2.89
69	252	1,308	1,631	1,727	806	744	233	3,655	390	177	10,923
71	459	1,170	2,046	3,397	1,069	753	689	4,616	644	318	15,170
	82.14	-9.86	25.44	96.70	32.63	1.21	195.71	26.29	65.13	79.66	38.88
69	33	32	27	34	29	29	17	33	35	12	30
71	30	27	21	38	31	30	20	35	26	35	30
	-9.38	-15.81	-20.72	11.17	6.00	2.75	21.13	5.58	-26.39	191.33	-.03
69	4,272	4,127	3,394	3,378	3,696	3,164	4,137	3,773	4,111	1,942	3,514
71	4,676	5,064	3,772	3,914	4,029	3,997	4,778	3,714	4,242	3,155	4,068
	9.45	22.71	11.13	15.85	9.99	26.31	15.51	-1.55	3.20	62.43	15.76
69	.501	2.082	4.543	3.474	1.553	1.938	1.094	4.391	.953	1.677	22.206
71	1.071	2.430	6.947	5.598	2.393	1.872	2.598	4.490	1.990	.585	29.974
	113.77	16.71	52.92	61.14	54.09	-3.41	137.48	2.25	108.81	-65.12	34.98

TABLE 47
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		PSYCHOLOGY					LEVELS 3 & 5 MASTERS AND PROFESSIONAL			JT KNO
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.		
DIRECT TEACHING	1969	28.10	23.93	39.79	12.80	21.57	13.53	289.54	14.	
	1971	19.60	29.31	35.00	11.28	9.78	16.20		20.	
	PERCENT CHANGED	-30.23	21.25	-12.05	-11.90	-54.65	19.72	-100.00	45.	
TOTAL INSTRUCTIONAL	1969	31.31	30.94	69.90	17.51	29.71	16.03	303.56	29.	
	1971	27.77	37.77	74.46	16.88	17.09	22.51		39.	
	PERCENT CHANGED	-11.30	22.08	8.07	-3.56	-42.47	40.45	-100.00	31.	
FTE STDNT-FACULTY RATIO	1969	13.05	15.38	9.95	23.13	15.56	20.77	4.42	27.	
	1971	17.90	14.54	10.81	27.63	37.73	20.57		19.	
	PERCENT CHANGED	37.14	-5.45	8.63	19.45	142.44	-9.95	-100.00	-31.	
STCRHRS / FTE TEACH-FAC	1969	156.63	184.58	119.42	277.55	186.71	249.23	53.05	332.	
	1971	214.82	174.53	129.73	331.53	452.74	246.86		229.	
	PERCENT CHANGED	37.15	-5.45	8.63	19.45	142.48	-9.95	-100.00	-31.	
STUDENT CRHS PRODUCED	1969	78	237	851	204	177	243	20	1.8	
	1971	174	333	851	1,349	819	354		1.2	
	PERCENT CHANGED	123.08	40.51	-4.49	561.27	362.71	45.69	-100.00	-31.	
WEIGHTED AVG. CLASS SIZE	1969	11	8	8	17	12	20	4		
	1971	16	10	10	21	30	16			
	PERCENT CHANGED	41.50	26.71	19.37	22.74	150.67	-16.34	-100.00	-43.	
AVG. SALARY/FTE TEACH	1969	4,401	4,416	4,752	3,553	4,027	3,373	15,360	4.7	
	1971	4,210	5,063	4,540	3,739	4,427	3,999		4.7	
	PERCENT CHANGED	-4.32	14.64	-4.46	5.23	9.93	18.58	-100.00	.	
NO. OF FTE TEACHING FAC.	1969	.498	1.284	7.461	.735	.948	.975	.377	5.6	
	1971	.810	1.908	6.560	4.069	1.809	1.434		5.6	
	PERCENT CHANGED	62.65	48.60	-12.08	453.61	90.82	47.08	-100.00	-1.	

TABLE 47
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	PSYCHOLOGY LEVELS 3 & 5 MASTERS AND PROFESSIONAL										
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT WASH.	TOTAL
1969	28.10	23.93	39.79	12.80	21.57	13.53	289.54	14.12			22.86
1971	19.60	29.01	35.00	11.28	9.78	16.20		20.63	20.90	8.33	18.88
	-30.23	21.25	-12.05	-11.90	-54.65	19.72	-100.00	45.87			-17.37
1969	31.31	30.94	68.90	17.51	29.71	16.33	303.56	29.73			39.07
1971	27.77	37.77	74.46	16.88	17.09	22.51		39.05	562.47	20.91	34.04
	-11.30	22.08	8.07	-3.56	-42.47	40.45	-100.00	31.34			-12.86
1969	13.05	15.38	7.95	23.13	15.56	20.77	4.42	27.73			17.36
1971	17.90	14.54	10.81	27.63	37.73	20.57		19.10	16.70	24.10	19.44
	37.14	-5.45	8.63	19.45	142.44	-.95	-100.00	-31.12			11.97
1969	156.63	184.58	119.42	277.55	186.71	249.23	53.05	332.81			208.36
1971	214.82	174.53	129.73	331.53	452.74	246.86		229.23	200.00	289.16	233.31
	37.15	-5.45	8.63	19.45	142.48	-.95	-100.00	-31.12			11.97
1969	78	237	851	204	177	243	20	1,894			3,744
1971	174	333	851	1,349	819	354		1,291	2	72	5,245
	123.08	40.51	-4.49	561.27	362.71	45.68	-100.00	-31.84			40.09
1969	11	8	8	17	12	20	4	10			10
1971	16	10	10	21	30	16		5	20	24	11
	41.50	26.71	19.37	22.74	150.67	-16.34	-100.00	-43.76			9.45
1969	4,401	4,416	4,752	3,553	4,027	3,373	15,360	4,700			4,762
1971	4,210	5,063	4,540	3,739	4,427	3,999		4,722	4,180	2,410	4,406
	-4.32	14.64	-4.46	5.23	9.93	18.58	-100.00	.48			-7.48
1969	.498	1.284	7.461	.735	.948	.975	.377	5.691			17.969
1971	.810	1.908	6.560	4.069	1.809	1.434		5.632	.010	.249	22.481
	62.65	48.60	-12.08	453.61	90.82	47.38	-100.00	-1.04			25.11

TABLE 48
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	PSYCHOLOGY				LEVEL 4 DOCTORAL			
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.
COST PER STUDENT CREDIT HOUR								
DIRECT TEACHING			214.34					23.18
	1969		60.72					26.70
PERCENT CHANGED	1971		-71.67					15.18
TOTAL INSTRUCTIONAL			351.23					52.25
	1969		114.74					46.94
PERCENT CHANGED	1971		-67.33					-10.16
FTE STUDENT-FACULTY RATIO			1.72					20.19
	1969		8.33					16.81
PERCENT CHANGED	1971		383.08					-16.74
STCPIRS / FTE TEACH-FAC			70.65					242.32
	1969		100.00					201.74
PERCENT CHANGED	1971		384.19					-16.75
STUDENT CRHS PRODUCED			14					726
	1969		54					788
PERCENT CHANGED	1971		285.71					8.54
WEIGHTED AVG. CLASS SIZE			1					5
	1969		5					5
PERCENT CHANGED	1971		233.33					-4.46
AVG. SALARY/FTE TEACH			4,426					5,617
	1969		6,072					5,386
PERCENT CHANGED	1971		37.18					-4.11
NO. OF FTE TEACHING FAC.			.678					2.996
	1969		.540					3.906
PERCENT CHANGED	1971		-20.35					30.37

TABLE 48
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY		LEVEL 4 DOCTORAL									
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
1969			214.34					23.18			26.80
1971			60.72					26.70			28.88
			-71.67					15.18			7.78
1969			351.23					52.25			57.91
1971			114.74					46.94			51.29
			-67.33					-10.16			-11.43
1969			1.72					20.19			16.79
1971			8.33					16.81			15.76
			383.08					-16.74			-5.97
1969			20.65					242.32			201.42
1971			100.00					201.74			189.38
			384.19					-16.75			-5.97
1969			14					726			740
1971			54					788			842
			285.71					8.54			13.78
1969			1					5			4
1971			5					5			5
			233.33					-4.46			1.66
1969			4,426					5,617			5,397
1971			6,072					5,386			5,470
			37.18					-4.11			1.34
1969			.678					2.996			3.674
1971			.540					3.906			4.446
			-20.35					30.37			21.01

TABLE 49
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		PSYCHOLOGY				TOTAL - ALL LEVELS			
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
INDIRECT TEACHING	1969	6.42	6.54	9.80	5.29	7.01	6.82	12.41	4.7
	1971	6.63	9.27	8.82	6.61	9.35	9.15	13.85	4.5
	PERCENT CHANGED	3.30	41.74	-9.98	25.64	33.42	34.22	-12.56	-8.6
TOTAL INSTRUCTIONAL	1969	7.82	9.15	22.38	7.95	11.65	8.78	18.73	12.9
	1971	10.21	12.69	18.67	10.76	15.18	12.28	15.13	10.9
	PERCENT CHANGED	30.56	38.64	-16.55	35.43	30.24	39.91	-19.19	-14.4
FTE STUDENT-FACULTY RATIO	1969	41.15	38.42	23.76	43.41	32.70	29.80	25.24	62.5
	1971	38.49	32.20	29.62	40.30	30.47	26.12	26.15	59.3
	PERCENT CHANGED	-6.47	-16.19	24.66	-7.16	-6.83	-12.35	3.60	-5.1
STUDENT CRRHS / FTE TEACH-FAC	1969	611.57	567.33	346.14	644.99	480.85	434.46	377.17	900.5
	1971	566.15	474.99	434.89	579.59	432.88	377.98	392.19	864.0
	PERCENT CHANGED	-7.43	-16.28	25.64	-10.14	-9.98	-13.00	3.98	-4.0
STUDENT CRRHS PRODUCED	1969	2,094	3,741	7,692	5,327	2,210	2,118	1,348	15,46
	1971	2,208	4,956	10,529	7,839	3,676	2,430	3,032	17,27
	PERCENT CHANGED	5.44	32.48	36.88	47.16	66.33	14.73	124.93	11.7
WEIGHTED AVG. CLASS SIZE	1969	43	30	27	47	28	31	29	2
	1971	41	25	34	38	29	26	31	1
	PERCENT CHANGED	-3.78	-16.73	25.86	-19.33	3.89	-14.77	6.56	-44.4
AVG. SALARY/FTE TEACH	1969	3,924	3,711	3,391	3,410	3,369	2,962	4,681	4,46
	1971	3,753	4,404	3,836	3,832	4,047	3,460	4,256	3,91
	PERCENT CHANGED	-4.36	18.69	13.09	12.37	20.12	16.79	-9.08	-12.3
NO. OF FTE TEACHING FAC.	1969	3,424	6,544	22,222	8,259	4,596	4,875	3,574	17,17
	1971	3,900	10,434	24,211	13,525	8,492	6,429	7,731	19,94
	PERCENT CHANGED	13.90	58.23	8.95	63.76	84.77	31.88	116.31	16.4

TABLE 49
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	PSYCHOLOGY				TOTAL ALL LEVELS							TOTAL
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.		
1969	6.42	6.54	9.80	5.29	7.01	6.82	12.41	4.96	5.51	9.08	6.60	
1971	6.63	9.27	8.82	6.61	9.35	9.15	13.85	4.53	7.28	4.21	7.11	
	3.30	41.74	-9.98	25.04	33.42	34.22	-12.56	-8.60	32.05	-53.56	7.72	
1969	7.82	9.15	22.38	7.95	11.65	8.78	18.73	12.91	6.40	21.18	13.06	
1971	10.21	12.69	18.67	10.76	15.18	12.28	15.13	10.98	17.13	6.94	12.86	
	30.56	38.64	-16.55	35.43	30.24	39.91	-19.19	-14.94	58.16	-67.22	-1.60	
1969	41.15	38.42	23.76	43.41	32.70	29.80	25.24	62.58	42.88	16.89	38.00	
1971	38.49	32.20	29.62	40.30	30.47	26.12	26.15	59.33	36.58	49.12	37.79	
	-6.47	-16.19	24.66	-7.16	-6.83	-12.35	3.60	-5.18	-14.68	190.77	-55	
1969	611.57	567.33	346.14	644.99	480.85	434.46	377.17	900.50	643.19	253.33	555.73	
1971	566.15	474.99	434.89	579.59	432.88	377.98	392.19	864.02	548.67	728.41	552.18	
	-7.43	-16.28	25.64	-10.14	-9.98	-13.00	3.98	-4.05	-14.69	187.53	-64	
1969	2,094	3,741	7,692	5,327	2,210	2,118	1,348	15,467	2,886	912	43,795	
1971	2,208	4,956	10,529	7,839	3,676	2,430	3,032	17,276	3,889	1,569	57,404	
	5.44	32.48	36.88	47.16	66.33	14.73	124.93	11.70	34.75	72.04	31.07	
1969	43	30	27	47	28	31	29	25	54	25	30	
1971	41	25	34	38	29	26	31	14	43	48	23	
	-3.78	-16.73	25.86	-19.30	3.89	-14.77	6.56	-44.47	-21.24	85.98	-21.44	
1969	3,924	3,711	3,391	3,410	3,369	2,962	4,681	4,465	3,545	2,300	3,667	
1971	3,753	4,404	3,836	3,832	4,047	3,460	4,256	3,916	3,994	3,270	3,925	
	-4.36	18.69	13.09	12.37	20.12	16.79	-9.08	-12.30	12.67	33.45	7.03	
1969	3.424	6.594	22.222	8.259	4.596	4.875	3.574	17.176	4.487	3.600	78.807	
1971	3.900	10.434	24.211	13.525	8.492	6.429	7.731	19.995	7.088	2.154	103.959	
	13.90	58.23	8.95	63.76	84.77	31.88	116.31	16.41	57.97	-40.17	31.92	

TABLE 49 -
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		PSYCHOLOGY				TOTAL ALL LEVELS			
		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
DIRECT TEACHING	1969	4.97	4.53		3.85				
	1971	5.34	5.06	7.76	4.98	4.95	7.07	5.39	7.31
PERCENT CHANGED		7.41	12.24		29.42				
TOTAL INSTRUCTIONAL	1969	5.71	5.37		9.93				
	1971	6.14	6.38	7.99	5.70	5.73	12.28	5.15	8.36
PERCENT CHANGED		7.53	18.95		-42.54				
FTE STUDENT-FACULTY RATIO	1969	31.63	31.64		43.04				
	1971	32.63	34.33	23.03	36.65	32.55	26.12	32.50	25.15
PERCENT CHANGED		3.15	8.49		-14.84				
STUDENT CREDIT HOURS / FTE TEACH-FAC	1969	474.41	474.60		645.52				
	1971	489.40	514.33	345.38	549.75	488.27	391.79	487.56	377.21
PERCENT CHANGED		3.16	8.50		-14.84				
STUDENT CREDIT HOURS PRODUCED	1969	1,335	1,065		519				
	1971	1,869	1,449	516	663	687	315	588	1,223
PERCENT CHANGED		40.00	36.06		27.75				
WEIGHTED AVG. CLASS SIZE	1969	32	30		43				
	1971	31	32	29	37	33	26	33	26
PERCENT CHANGED		-1.97	8.70		-14.67				
AVG. SALARY/FTE TEACH	1969	2,360	2,137		2,485				
	1971	2,615	2,603	2,678	2,740	2,417	2,768	2,628	2,757
PERCENT CHANGED		10.82	21.82		10.26				
NO. OF FTE TEACHING FAC.	1969	2.814	2.244		.804				
	1971	3.819	2.814	1.494	1.206	1.407	.804	1.206	2.712
PERCENT CHANGED		35.71	25.40		50.00				

TABLE 49
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY								TOTAL ALL LEVELS	
CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
4.97	4.53		3.85					4.60	5.47
5.34	5.06	7.76	4.98	4.95	7.07	5.39	7.31	5.41	6.97
7.41	12.24		29.42					17.43	7.63
5.71	5.37		9.93					6.33	12.64
6.14	6.38	7.99	5.73	5.73	12.28	5.15	8.36	6.28	12.31
7.53	18.95		-42.54					-84	-2.63
31.63	31.64		43.04					33.23	37.66
32.63	34.33	23.03	36.65	32.55	26.12	32.50	25.15	32.18	37.26
3.15	8.49		-14.84					-3.07	-1.06
474.41	474.60		645.52					497.95	551.73
489.40	514.93	345.38	549.75	488.27	391.79	487.56	377.21	482.68	545.67
3.16	8.50		-14.84					-3.07	-1.10
1,335	1,065		519					2,919	46,714
1,869	1,449	516	663	687	315	588	1,223	5,184	62,588
40.00	36.06		27.75					77.60	33.98
32	30		43					32	30
31	32	29	37	33	26	33	26	32	24
-1.97	8.70		-14.67					-1.31	-20.07
2,360	2,137		2,485					2,292	3,572
2,615	2,603	2,678	2,740	2,417	2,768	2,628	2,757	2,609	3,901
10.82	21.82		10.26					13.84	6.44
2.814	2.244		.804					5.862	84.669
3.819	2.814	1.494	1.206	1.407	.804	1.206	2.712	10.740	114.699
35.71	25.40		50.00					83.21	35.47

TABLE 50
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		SOCIAL SCIENCE				LEVEL 1 LOWER LEVEL			UT KNOX
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	
DIRECT TEACHING	1969	5.35	5.92	4.59	6.97	5.42	5.33	8.08	4.1
	1971	6.57	7.12	5.80	8.14	5.20	6.93	9.06	4.1
PERCENT CHANGED		22.86	20.42	16.25	16.87	-4.07	30.03	12.11	1.7
TOTAL INSTRUCTIONAL	1969	6.65	7.74	9.59	9.75	7.37	6.86	9.40	7.0
	1971	8.63	9.55	9.97	12.50	7.79	8.91	11.56	7.0
PERCENT CHANGED		29.72	23.35	3.97	28.13	5.68	29.81	22.95	.0
FTE STUDENT-FACULTY RATIO	1969	36.48	36.50	40.31	28.66	36.38	35.79	27.65	42.5
	1971	34.51	34.48	38.62	30.15	41.12	33.10	29.76	43.5
PERCENT CHANGED		-5.42	-5.54	-4.19	5.17	13.02	-7.51	7.64	2.4
STUDY HRS / FTE TEACH-FAC	1969	547.24	547.54	504.62	429.96	545.77	536.85	414.70	638.3
	1971	517.59	517.22	579.26	452.18	616.84	496.52	446.39	653.8
PERCENT CHANGED		-5.42	-5.54	-4.19	5.17	13.02	-7.51	7.64	2.4
STUDENT CRHS PRODUCED	1969	5,404	15,945	20,912	11,461	8,264	8,953	7,467	31,39
	1971	6,179	15,546	20,955	12,675	6,916	9,426	9,375	28,99
PERCENT CHANGED		14.34	-2.50	.21	10.59	-16.31	5.28	25.55	-7.6
WEIGHTED AVG. CLASS SIZE	1969	42	43	40	30	36	39	27	5
	1971	40	40	40	30	35	37	35	5
PERCENT CHANGED		-4.05	-8.36	.40	-2.57	-2.40	-4.16	28.98	5.9
AVG. SALARY/FTE TEACH	1969	2,927	3,238	3,018	2,995	2,959	2,861	3,352	2,62
	1971	3,402	3,685	3,361	3,682	3,208	3,441	4,045	2,73
PERCENT CHANGED		16.23	13.78	11.39	22.93	8.40	20.28	20.68	4.2
NO. OF FTE TEACHING FAC.	1969	9,875	29,121	34,587	26,656	15,142	16,677	18,006	49,18
	1971	11,938	30,057	36,174	28,031	11,212	18,984	21,002	44,54
PERCENT CHANGED		20.89	3.21	4.59	5.16	-25.95	13.83	16.64	-9.8

TABLE 50
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE				LEVEL 1 LOWER LEVEL						TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	
5.35	5.92	4.99	6.97	5.42	5.33	8.08	4.11	6.42	10.61	5.50
6.57	7.12	5.80	8.14	5.20	6.93	9.06	4.19	7.80	4.72	6.29
22.66	20.42	16.25	16.87	-4.07	30.03	12.11	1.75	21.48	-55.53	14.44
6.65	7.74	9.59	9.75	7.37	6.86	9.40	7.02	7.48	23.69	8.18
8.63	9.55	9.97	12.50	7.79	8.91	11.56	7.02	10.95	6.91	9.32
29.72	23.35	3.97	28.13	5.68	29.81	22.95	.04	46.29	-70.32	14.00
36.48	36.50	40.31	28.66	36.38	35.79	27.65	42.56	33.44	14.94	35.95
34.51	34.48	38.62	30.15	41.12	33.10	29.76	43.59	30.42	38.12	35.94
-5.42	-5.54	-4.19	5.17	13.02	-7.51	7.64	2.42	-9.05	155.12	-0.04
547.24	547.54	604.62	429.96	545.77	536.85	414.70	638.39	501.65	224.10	539.30
517.59	517.22	579.25	452.18	616.84	496.52	446.39	653.81	456.85	571.85	539.06
-5.42	-5.54	-4.19	5.17	13.02	-7.51	7.64	2.42	-9.05	155.17	-0.05
5,404	15,945	20,912	11,461	8,264	8,953	7,467	31,398	8,208	1,233	119,245
6,179	15,546	20,955	12,675	6,916	9,426	9,375	28,996	7,977	2,316	120,361
14.34	-2.50	.21	10.59	-16.31	5.28	25.55	-7.65	-2.81	87.83	.94
42	43	40	30	36	39	27	50	43	21	40
40	40	40	30	35	37	35	53	34	41	39
-4.05	-8.36	.40	-2.57	-2.40	-4.16	28.98	5.92	-20.02	95.40	-0.37
2,927	3,238	3,018	2,995	2,959	2,861	3,352	2,627	3,219	2,379	2,963
3,402	3,665	3,361	3,682	3,208	3,441	4,045	2,737	3,556	2,697	3,390
16.23	13.78	11.39	22.93	8.40	20.28	20.68	4.20	10.49	13.39	14.39
9.875	9.121	34.587	26.656	15.142	16.677	18.006	49.183	16.362	5.502	221.111
11.938	10.057	36.174	28.031	11.212	18.984	21.002	44.349	17.484	4.050	223.281
20.89	3.21	4.59	5.16	-25.95	13.83	16.64	-9.83	6.86	-26.39	.98

TABLE 50
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		SOCIAL SCIENCE				LEVEL 1 LOWER LEVEL			
		CLEV.	COL.	DYERS.	JACK.	MOTLOW	RGANE	VCL.	WALTERS
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	5.51	6.17		7.51				
	1971	6.63	8.18	7.14	8.13	9.70	8.26	8.61	8.46
PERCENT CHANGED		20.15	32.51		8.24				
TOTAL INSTRUCTIONAL	1969	6.64	8.28		8.89				
	1971	8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.76
PERCENT CHANGED		23.98	41.13		7.41				
FTE STDNT-FACULTY RATIO	1969	30.29	27.80		23.03				
	1971	29.61	26.38	26.87	24.82	22.44	21.34	21.50	25.21
PERCENT CHANGED		-2.23	-5.10		7.79				
STCRHRS / FTE TEACH-FAC	1969	454.33	416.98		345.39				
	1971	444.21	395.70	403.09	372.31	336.65	320.07	322.55	378.11
PERCENT CHANGED		-2.23	-5.10		7.79				
STUDENT CRHRS PRODUCED	1969	2,283	2,313		2,081				
	1971	2,472	2,538	1,173	2,541	1,218	579	1,167	2,052
PERCENT CHANGED		8.28	9.73		22.10				
WEIGHTED AVG. CLASS SIZE	1969	30	26		24				
	1971	27	28	28	26	23	21	22	25
PERCENT CHANGED		-9.61	9.54		6.74				
AVG. SALARY/FTE TEACH	1969	2,505	2,574		2,594				
	1971	2,943	3,237	2,877	3,026	3,266	2,645	2,777	3,200
PERCENT CHANGED		17.50	25.77		16.67				
NO. OF FTE TEACHING FAC.	1969	5.025	5.547		6.025				
	1971	5.565	6.414	2.910	6.825	3.618	1.809	3.618	5.427
PERCENT CHANGED		10.75	15.63		13.28				

TABLE 50
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE				LEVEL 1 LOWER LEVEL				TOTAL C. C.	TOTAL ALL
CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VCL.	WALTERS		
5.51	6.17		7.51					6.36	5.54
6.63	8.18	7.14	8.13	9.70	9.26	8.61	8.46	7.84	6.41
20.15	32.51		8.24					23.24	15.61
6.64	8.28		8.89					7.91	8.16
8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.76	9.69	9.35
23.98	41.13		7.41					22.40	14.54
30.29	27.80		23.03					26.82	35.32
29.61	26.38	26.87	24.82	22.44	21.34	21.50	25.21	26.17	34.94
-2.23	-5.10		7.79					-2.44	-1.06
454.33	416.98		345.39					402.30	529.73
444.21	395.70	403.09	372.31	336.65	320.07	322.55	378.11	392.47	524.12
-2.23	-5.10		7.79					-2.44	-1.06
2,283	2,313		2,081					6,677	125,022
2,472	2,538	1,173	2,541	1,218	579	1,167	2,052	9,942	130,303
8.28	9.73		22.10					48.90	...48
30	26		24					27	39
27	28	28	26	23	21	22	25	27	38
-9.61	9.54		4.74					-7.72	-1.47
2,505	2,574		2,594					2,560	2,935
2,943	3,237	2,877	3,026	3,266	2,645	2,777	3,200	3,078	3,358
17.50	25.77		16.67					20.25	14.41
5.025	5.547		6.025					16.597	237.708
5.565	6.414	2.910	6.825	3.618	1.809	3.618	5.427	25.232	248.613
10.75	15.63		13.28					52.63	4.59

TABLE 51
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		SOCIAL SCIENCE				LEVEL 2		UPPER LEVEL	
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.
DIRECT TEACHING	1969	9.19	11.42	9.98	10.13	5.96	8.08	14.72	6.56
	1971	10.44	12.57	10.61	10.47	6.63	13.96	17.66	10.24
	PERCENT CHANGED	13.61	10.05	6.28	3.36	11.20	72.80	19.96	55.96
TOTAL INSTRUCTIONAL	1969	10.74	13.70	15.63	12.86	7.56	7.64	15.29	9.53
	1971	12.56	15.45	16.27	14.57	9.18	16.93	21.48	14.34
	PERCENT CHANGED	16.92	12.78	4.07	13.27	21.36	75.54	31.88	50.54
FTE STUDENT-FACULTY RATIO	1969	29.46	20.67	25.23	23.92	36.59	28.70	17.30	41.16
	1971	30.05	21.98	25.27	25.73	37.51	18.11	16.23	29.52
	PERCENT CHANGED	1.98	6.36	.16	7.57	2.50	-36.88	-6.20	-28.28
STCRHRS / FTE TEACH-FAC	1969	441.94	310.01	378.45	358.77	548.84	430.51	259.49	617.43
	1971	450.69	329.72	379.06	385.93	562.57	271.71	243.40	442.80
	PERCENT CHANGED	1.98	6.36	.16	7.57	2.50	-36.89	-6.20	-28.28
STUDENT CRHRS PRODUCED	1969	2,592	3,930	6,342	5,774	4,821	2,311	984	6,425
	1971	2,838	3,713	6,261	7,242	4,356	1,674	2,537	6,936
	PERCENT CHANGED	9.49	-5.52	-1.28	25.42	-9.65	-27.56	157.83	7.95
WEIGHTED AVG. CLASS SIZE	1969	29	26	26	25	37	33	20	38
	1971	32	26	26	25	32	20	19	32
	PERCENT CHANGED	9.95	.42	.30	-2.97	-13.48	-38.54	-3.89	-16.16
AVG. SALARY/FTE TEACH	1969	4,061	3,542	3,778	3,635	3,272	3,476	3,820	4,051
	1971	4,705	4,145	4,022	4,041	3,729	3,792	4,298	4,533
	PERCENT CHANGED	15.85	17.05	6.46	11.19	13.99	9.08	12.52	11.89
NO. OF FTE TEACHING FAC.	1969	5,865	12,677	15,758	16,094	8,784	5,368	3,792	10,406
	1971	6,297	11,261	16,517	18,765	7,743	6,161	10,423	15,664
	PERCENT CHANGED	7.37	-11.17	-1.44	16.60	-11.85	14.77	174.87	50.53

TABLE 51
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE				LEVEL 2 UPPER LEVEL						TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	
9.19	11.42	9.98	10.13	5.96	8.08	14.72	6.56	10.33	29.34	9.08
10.44	12.57	10.61	10.47	6.63	13.96	17.66	10.24	10.33	12.80	10.87
13.61	10.05	6.28	3.36	11.20	72.80	19.96	55.96	-0.04	-56.38	19.65
10.74	13.70	15.63	12.86	7.56	9.64	15.29	9.53	11.63	49.19	12.04
12.56	15.45	16.27	14.57	9.18	16.93	21.48	14.34	13.79	16.55	14.67
16.92	12.78	4.07	13.27	21.36	75.54	31.88	50.54	18.54	-67.36	21.84
29.46	20.67	25.23	23.92	36.59	28.70	17.30	41.16	22.00	7.08	26.90
30.05	21.98	25.27	25.73	37.51	18.11	16.23	29.52	24.25	16.70	25.34
1.98	6.36	.16	7.57	2.50	-36.88	-6.20	-28.28	10.21	135.68	-5.83
441.94	310.01	378.45	358.77	548.84	430.51	259.49	617.43	330.03	106.24	403.55
450.69	329.72	379.06	385.93	562.57	271.71	243.40	442.80	363.74	250.50	380.02
1.98	6.36	.16	7.57	2.50	-36.89	-6.20	-28.28	10.21	135.78	-5.83
2,592	3,930	6,342	5,774	4,821	2,311	984	6,425	1,466	240	34,885
2,838	3,713	6,261	7,242	4,356	1,674	2,537	6,936	1,914	375	37,846
9.49	-5.52	-1.28	25.42	-9.65	-27.56	157.83	7.95	30.56	56.25	8.49
29	26	26	25	37	33	20	38	29	9	29
32	26	26	25	37	20	19	32	25	18	26
9.95	.42	.30	-2.97	-13.48	-38.54	-3.89	-16.16	-16.04	95.52	-8.53
4,061	3,542	3,778	3,635	3,272	3,476	3,820	4,051	3,410	3,117	3,664
4,705	4,145	4,022	4,041	3,729	3,792	4,298	4,533	3,757	3,205	4,129
15.85	17.05	6.46	11.19	13.99	9.08	12.52	11.89	10.16	2.83	12.68
5.865	12.677	15.758	16.094	8.784	5.368	3.792	10.406	4.442	2.259	86.445
6.297	11.261	16.517	18.765	7.743	6.161	10.423	15.664	5.262	1.497	99.590
7.37	-11.17	-1.44	16.60	-11.85	14.77	174.87	50.53	18.46	-33.73	15.21

TABLE 52
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		SOCIAL SCIENCE			LEVELS 3 & 5			MASTERS AND PROFESSIONAL	
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.
DIRECT TEACHING	1969	25.25	44.47	22.58	46.75	55.18	46.00	27.76	27.13
	1971	27.74	46.27	30.01	30.94	34.46	27.56		29.40
	PERCENT CHANGED	9.88	4.04	32.90	-33.83	-37.56	-40.08	-100.00	8.35
TOTAL INSTRUCTIONAL	1969	27.18	52.81	33.19	52.68	62.25	48.22	29.06	37.30
	1971	36.85	54.76	54.96	36.12	44.37	78.39		60.79
	PERCENT CHANGED	35.58	3.69	65.58	-31.44	-28.73	62.56	-100.00	63.00
FTE STUDENT-FACULTY RATIO	1969	13.15	7.41	14.58	7.91	6.60	7.97	9.70	13.91
	1971	15.99	7.88	13.09	12.35	11.40	12.34		13.84
	PERCENT CHANGED	21.58	6.45	-10.24	56.16	72.79	54.71	-100.00	-0.55
STC PHRS / FTE TEACH-FAC	1969	157.84	88.87	175.01	94.87	79.14	95.65	116.40	166.96
	1971	191.92	94.61	157.08	148.18	136.79	148.01		166.04
	PERCENT CHANGED	21.59	6.46	-10.25	56.20	72.85	54.74	-100.00	-0.55
STUDENT CRHS PRODUCED	1969	158	309	1,182	244	66	66	66	1,784
	1971	152	474	1,343	648	87	123		1,945
	PERCENT CHANGED	-3.80	53.40	13.62	165.57	31.82	86.36	-100.00	9.02
WEIGHTED AVG. CLASS SIZE	1969	8	5	11	6	6	15	10	9
	1971	13	6	10	9	10	12		9
	PERCENT CHANGED	55.59	20.50	-11.38	34.08	66.45	-22.22	-100.00	4.42
AVG. SALARY/FTE TEACH	1969	3,985	3,952	3,952	4,436	4,367	4,400	3,231	4,530
	1971	5,324	4,378	4,714	4,584	4,713	4,079		4,881
	PERCENT CHANGED	33.60	10.76	19.29	3.35	7.93	-7.28	-100.00	7.76
NO. OF FTE TEACHING FAC.	1969	1,001	3,477	6,754	2,572	.834	.690	.567	10,685
	1971	.792	5,010	8,550	4,373	.636	.831		11,714
	PERCENT CHANGED	-20.88	44.09	26.59	70.02	-23.74	20.43	-100.00	9.63

TABLE 52
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE			LEVELS 3 & 5 MASTERS AND PROFESSIONAL							
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
25.25	44.47	22.58	46.76	55.18	46.00	27.76	27.13			29.10
27.74	46.27	30.01	30.94	34.46	27.56		29.40			31.45
9.88	4.04	32.90	-33.83	-37.56	-40.58	-100.00	8.35			8.08
27.18	52.81	33.19	52.68	62.25	48.22	29.06	37.30			38.31
36.85	54.76	54.96	36.12	44.37	78.33		60.79			54.59
35.58	3.69	65.58	-31.44	-28.73	62.56	-100.00	63.00			42.51
13.15	7.41	14.58	7.91	6.60	7.97	9.70	13.91			12.15
15.99	7.88	13.09	12.35	11.40	12.34		13.84			12.46
21.58	6.45	-10.24	56.16	72.79	54.71	-100.00	-5.55			2.59
157.84	88.87	175.01	94.87	79.14	95.65	116.40	166.96			145.79
191.92	94.61	157.08	148.18	136.79	148.01		166.04			149.56
21.59	6.46	-10.25	56.20	72.85	54.74	-100.00	-5.55			2.59
158	309	1,182	244	66	65	66	1,784			3,875
152	474	1,343	648	87	123		1,945			4,772
-3.80	53.40	13.62	165.57	31.82	86.36	-100.00	9.02			23.15
8	5	11	6	6	15	10	9			9
13	6	10	9	10	12		9			9
55.59	20.50	-11.38	34.08	69.45	-22.22	-100.00	4.42			4.28
3,985	3,952	3,952	4,436	4,367	4,400	3,231	4,530			4,242
5,324	4,378	4,714	4,584	4,713	4,379		4,881			4,703
33.60	10.76	19.29	3.35	7.93	-7.28	-100.00	7.76			10.89
1.001	3.477	6.754	2.572	.834	.670	.567	10.685			26.580
.792	5.010	8.550	4.373	.636	.831		11.714			31.906
-20.88	44.09	26.59	70.02	-23.74	20.43	-100.00	9.63			20.04

TABLE 53
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR	SOCIAL SCIENCE				LEVEL 4 DOCTORAL			
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.
DIRECT TEACHING								
1969			194.64	65.76				65.91
1971								64.67
PERCENT CHANGED								-1.88
TOTAL INSTRUCTIONAL								
1969			301.21	81.04				90.68
1971								106.04
PERCENT CHANGED								16.94
FTE STUDENT-FACULTY RATIO								
1969			1.93	6.02				6.09
1971								6.76
PERCENT CHANGED								10.91
STCRHRS / FTE TEACH-FAC								
1969			23.12	72.29				73.12
1971								81.13
PERCENT CHANGED								10.91
STUDENT CRHRS PRODUCED								
1969			12	18				537
1971								645
PERCENT CHANGED								20.11
WEIGHTED AVG. CLASS SIZE								
1969			1	3				3
1971								4
PERCENT CHANGED								10.28
AVG. SALARY/FTE TEACH								
1969			4,500	4,754				4,820
1971								5,245
PERCENT CHANGED								8.83
NO. OF FTE TEACHING FAC.								
1969			.519	.249				7.344
1971								7.953
PERCENT CHANGED								8.29

TABLE 53
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE				LEVEL 4 DOCTORAL					TOTAL	
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	TOTAL
							65.91			65.91
		194.64	65.76				64.67			67.01
							-1.88			1.67
							90.68			90.68
		301.21	81.04				106.04			108.84
							16.94			20.03
							6.09			6.09
		1.93	6.02				6.76			6.45
							10.91			5.85
							73.12			73.12
		23.12	72.29				81.10			77.40
							10.91			5.85
							537			537
		12	18-				645			675
							20.11			25.70
							3			3
		1	3				4			4
							10.28			6.71
							4,820			4,820
		4,500	4,754				5,245			5,187
							8.83			7.62
							7.344			7.344
		.519	.249				7.953			8.721
							8.29			18.75

TABLE 54
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		SOCIAL SCIENCE				TOTAL ALL LEVELS			
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	6.96	7.58	6.84	8.57	5.87	6.13	9.00	6.3
	1971	8.12	9.09	8.07	9.73	5.97	8.21	10.89	7.5
	PERCENT CHANGED	16.74	19.94	18.10	13.57	1.75	33.91	20.98	18.9
TOTAL INSTRUCTIONAL	1969	8.35	9.59	11.92	11.38	7.72	7.67	10.35	9.8
	1971	10.31	11.75	13.59	14.03	8.60	10.86	13.67	12.7
	PERCENT CHANGED	23.52	22.47	14.01	23.28	11.48	41.64	32.10	28.6
FTE STUDENT-FACULTY RATIO	1969	32.63	29.83	32.97	25.80	35.45	33.27	25.44	34.9
	1971	32.26	28.57	31.21	26.90	38.73	28.88	25.27	32.7
	PERCENT CHANGED	-1.13	-4.25	-5.34	4.27	9.23	-13.19	-6.5	-6.3
STCRHRS / FTE TEACH-FAC	1969	487.07	445.81	489.44	385.66	531.14	498.35	380.82	517.2
	1971	481.89	425.94	462.61	400.31	579.81	432.05	379.06	483.4
	PERCENT CHANGED	-1.06	-4.46	-5.48	3.80	9.16	-13.30	-4.6	-6.5
STUDENT CRHRS PRODUCED	1969	8,154	20,184	28,436	17,479	13,151	11,330	8,517	40,14
	1971	9,169	19,733	28,571	20,583	11,359	11,223	11,912	38,52
	PERCENT CHANGED	12.45	-2.23	.47	17.76	-13.63	-.94	39.86	-4.0
WEIGHTED AVG. CLASS SIZE	1969	34	35	32	27	35	37	25	3
	1971	36	32	31	26	33	32	30	3
	PERCENT CHANGED	4.86	-6.91	-3.41	-5.59	-5.98	-12.83	15.67	-3.0
AVG. SALARY/FTE TEACH	1969	3,387	3,378	3,346	3,304	3,118	3,053	3,428	3,28
	1971	3,913	3,872	3,735	3,895	3,463	3,545	4,129	3,65
	PERCENT CHANGED	15.52	14.61	11.64	17.89	11.08	16.11	20.44	11.2
NO. OF FTE TEACHING FAC.	1969	16,741	45,275	58,099	45,322	24,760	22,735	22,365	77.61
	1971	19,027	46,328	61,760	51,418	19,591	25,976	31,425	79.68
	PERCENT CHANGED	13.66	2.33	6.30	13.45	-20.88	14.26	40.51	2.6

TABLE 54
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	SOCIAL SCIENCE				TOTAL ALL LEVELS						TOTAL
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT WASH.	
69	6.96	7.58	6.84	8.57	5.87	6.13	9.00	6.36	7.01	13.67	7.07
71	8.12	9.09	8.07	9.73	5.97	8.21	13.89	7.56	8.29	5.84	8.33
	16.74	19.94	18.10	13.57	1.75	33.91	20.98	18.94	18.18	-57.23	17.91
69	8.35	9.59	11.92	11.36	7.72	7.67	10.35	9.88	8.11	27.85	10.04
71	10.31	11.75	13.59	14.03	8.60	13.66	13.67	12.71	11.50	8.18	12.29
	23.52	22.47	14.01	23.28	11.48	41.64	32.10	28.60	41.73	-70.60	22.36
69	32.63	29.83	32.97	25.80	35.45	33.27	25.44	34.98	31.00	12.65	31.17
71	32.26	28.57	31.21	26.90	38.73	28.88	25.27	32.77	28.99	32.34	30.26
	-1.13	-4.25	-5.34	4.27	9.23	-13.19	-6.65	-6.31	-6.48	155.55	-2.90
69	487.07	445.81	489.44	385.66	531.14	498.35	383.82	517.20	465.01	189.80	464.28
71	481.89	425.94	462.61	400.31	579.81	432.05	379.06	483.46	434.85	485.13	450.22
	-1.06	-4.46	-5.48	3.80	9.16	-13.30	-4.66	-6.52	-6.49	155.60	-3.03
69	8,154	20,184	28,436	17,479	13,151	11,330	8,517	40,144	9,674	1,473	158,042
71	9,169	19,733	28,571	20,583	11,359	11,223	11,912	38,522	9,891	2,691	163,654
	12.45	-2.23	.47	17.76	-13.63	-.94	39.86	-4.04	2.24	82.69	3.22
69	34	35	32	27	35	37	25	35	40	17	33
71	36	32	31	26	33	32	30	34	32	35	31
	4.86	-6.91	-3.41	-5.59	-5.98	-12.83	15.67	-3.08	-20.44	100.79	-4.13
69	3,387	3,378	3,346	3,304	3,118	3,053	3,428	3,287	3,259	2,594	3,280
71	3,913	3,872	3,735	3,895	3,463	3,545	4,129	3,656	3,607	2,834	3,751
	15.52	14.61	11.64	17.89	11.08	16.11	20.44	11.21	10.53	9.28	14.34
69	16.741	45.275	58.099	45.322	24.760	22.735	22.365	77.618	20.804	7.761	341.480
71	19.027	46.328	61.760	51.418	19.591	25.976	31.425	79.680	22.746	5.547	363.498
	13.66	2.33	6.30	13.45	-20.88	14.26	10.51	2.66	9.33	-28.53	6.45

TABLE 54
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		SOCIAL SCIENCE				TOTAL ALL LEVELS			
		CLEV.	CJL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALT
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	5.51	6.17		7.51				
	1971	6.63	8.16	7.14	8.13	9.70	8.26	8.61	
PERCENT CHANGED		20.15	32.51		8.24				
TOTAL INSTRUCTIONAL	1969	6.64	8.28		8.89				
	1971	8.23	11.69	7.61	9.55	10.72	17.32	9.36	
PERCENT CHANGED		23.98	41.13		7.41				
FTE STUDENT-FACULTY RATIO	1969	30.29	27.80		23.03				
	1971	29.61	26.38	26.87	24.82	22.44	21.34	21.50	25
PERCENT CHANGED		-2.23	-5.10		7.79				
STC-CHRS / FTE TEACH-FAC	1969	454.33	416.98		345.39				
	1971	444.21	395.70	403.09	372.31	336.65	320.07	322.55	378
PERCENT CHANGED		-2.23	-5.10		7.79				
STUDENT CRHS PRODUCED	1969	2,283	2,313		2,081				
	1971	2,472	2,538	1,173	2,541	1,218	579	1,167	2
PERCENT CHANGED		8.28	9.73		22.10				
WEIGHTED AVG. CLASS SIZE	1969	30	26		24				
	1971	27	28	28	26	23	21	22	
PERCENT CHANGED		-9.61	9.54		4.74				
AVG. SALARY/FTE TEACH	1969	2,505	2,574		2,594				
	1971	2,943	3,237	2,877	3,026	3,266	2,645	2,777	3
PERCENT CHANGED		17.50	25.77		16.67				
NO. OF FTE TEACHING FAC.	1969	5.025	5.547		6.025				
	1971	5.565	6.414	2.910	6.825	3.618	1.809	3.618	5
PERCENT CHANGED		10.75	15.63		13.28				

TABLE 54
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

YEAR	SOCIAL SCIENCE				TOTAL ALL LEVELS				TOTAL C. C.	TOTAL ALL
	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS		
1969	5.51	6.17		7.51					6.36	7.04
1971	6.63	8.18	7.14	8.13	9.70	8.26	8.61	8.46	7.84	8.30
	20.15	32.51		8.24					23.24	17.98
1969	6.64	8.28		8.89					7.91	9.96
1971	8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.76	9.68	12.14
	23.98	41.13		7.41					22.4	21.92
1969	30.29	27.85		23.03					26.82	30.97
1971	29.61	26.38	26.87	24.82	22.44	21.34	21.50	25.21	26.17	30.00
	-2.23	-5.10		7.79					-2.44	-3.13
1969	454.33	416.98		345.39					402.30	461.41
1971	444.21	395.70	403.09	372.31	336.65	320.07	322.55	378.11	392.47	446.46
	-2.23	-5.10		7.79					-2.44	-3.24
1969	2,283	2,313		2,081					6,677	165,219
1971	2,472	2,538	1,173	2,541	1,218	579	1,167	2,052	9,942	173,596
	8.28	9.73		22.10					48.90	5.07
1969	30	26		24					27	33
1971	27	28	28	26	23	21	22	25	27	31
	-9.61	9.54		4.74					-0.72	-4.26
1969	2,505	2,574		2,594					2,565	3,247
1971	2,943	3,237	2,877	3,026	3,266	2,645	2,777	3,200	3,078	3,707
	17.50	25.77		16.67					20.25	14.17
1969	5.025	5.547		6.025					16.597	358.077
1971	5.565	6.414	2.910	6.825	3.618	1.809	3.618	5.427	25.332	388.830
	10.75	15.63		13.28					52.63	8.59

TABLE 55
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ALL TAXONOMIES				LEVEL 1 LOWER LEVEL			UT KNO
		APSU	ETSU	MSU	MTSU	TSU	TIU	UT CHATT.	
DIRECT TEACHING	1969	7.13	8.21	7.41	8.20	7.18	6.99	10.07	6.99
	1971	9.03	9.60	7.85	8.49	9.01	7.77	10.70	7.77
PERCENT CHANGED		26.70	16.96	5.88	3.59	11.49	11.23	6.27	14.00
TOTAL INSTRUCTIONAL	1969	9.61	12.32	13.81	13.48	12.33	11.07	13.20	12.33
	1971	12.55	13.94	13.93	14.48	12.41	11.86	14.85	12.41
PERCENT CHANGED		30.53	13.12	.83	7.42	.62	7.10	12.50	4.00
FTE STUDENT-FACULTY RATIO	1969	29.21	24.99	25.34	24.71	28.22	28.00	22.06	29.21
	1971	24.61	25.69	27.53	27.61	27.70	28.41	23.78	26.69
PERCENT CHANGED		-15.73	2.82	8.65	11.76	-1.85	1.49	7.77	-9.00
STC@HRS / FTE TEACH-FAC	1969	438.11	374.83	380.07	370.58	423.25	419.95	330.92	443.11
	1971	369.19	385.41	412.94	414.18	415.43	426.21	356.64	402.19
PERCENT CHANGED		-15.73	2.82	8.65	11.76	-1.85	1.49	7.77	-9.00
STUDENT CR@HS PRODUCED	1969	29,486	78,370	135,141	69,162	46,430	55,821	37,205	201,141
	1971	32,139	78,864	142,171	69,505	42,281	58,523	45,773	189,141
PERCENT CHANGED		9.00	.63	5.20	.50	-8.94	4.84	23.03	-5.00
WEIGHTED AVG. CLASS SIZE	1969	31	29	29	28	26	30	27	31
	1971	30	28	31	28	24	30	29	28
PERCENT CHANGED		-2.22	-3.74	5.30	2.12	-5.10	-1.99	6.91	-28.00
AVG. SALARY/FTE TEACH	1969	3,123	3,076	2,817	3,037	3,040	2,934	3,333	2,717
	1971	3,335	3,700	3,241	3,516	3,327	3,312	3,818	2,817
PERCENT CHANGED		6.79	20.27	15.03	15.77	9.44	12.88	14.54	4.00
NO. OF FTE TEACHING FAC.	1969	67.303	209.079	55.567	186.630	109.699	132.922	112.430	453.630
	1971	87.054	204.522	44.289	167.814	101.776	137.309	128.346	470.430
PERCENT CHANGED		29.35	-2.13	-3.17	-10.08	-7.22	3.30	14.16	3.00

TABLE 55
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

	ALL TAXONOMIES				LEVEL 1				LOWER LEVEL		TOTAL
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	
1969	7.13	8.21	7.41	8.20	7.18	6.99	10.07	6.24	8.64	12.08	7.46
1971	9.03	9.60	7.85	8.49	9.01	7.77	10.70	7.16	10.11	8.95	8.34
	26.70	16.96	5.88	3.59	11.49	11.23	6.27	14.68	16.96	-25.88	11.72
1969	9.61	12.32	13.81	13.48	12.33	11.07	13.20	12.24	11.12	26.37	12.61
1971	12.55	13.94	13.93	14.48	12.41	11.96	14.85	12.75	14.82	13.49	13.47
	30.53	13.12	.83	7.42	.62	7.10	12.50	4.18	33.22	-48.84	6.83
1969	29.21	24.99	25.34	24.71	28.22	28.00	22.06	29.06	23.48	14.22	26.23
1971	24.61	25.69	27.53	27.61	27.70	28.41	23.78	26.81	22.85	22.00	26.31
	-15.73	2.82	8.65	11.76	-1.85	1.49	7.77	-9.30	-2.70	54.74	.33
1969	438.11	374.83	380.07	370.58	423.25	419.95	330.92	443.35	352.17	213.26	393.41
1971	369.19	385.41	412.94	414.18	415.43	426.21	356.64	402.11	342.68	330.06	394.71
	-15.73	2.82	8.65	11.76	-1.85	1.49	7.77	-9.30	-2.70	54.76	.33
1969	29,486	78,370	135,141	69,162	46,430	55,821	37,205	201,117	48,919	8,075	709,726
1971	32,139	78,864	142,171	69,505	42,281	58,523	45,773	189,187	50,853	13,963	723,259
	9.00	.63	5.20	.50	-8.94	4.84	23.03	-5.93	3.95	72.92	1.91
1969	31	29	29	28	26	30	27	33	33	17	30
1971	30	28	31	28	24	30	29	23	27	27	27
	-2.22	-3.74	5.30	2.12	-5.10	-1.99	6.91	-28.54	-17.37	54.77	-8.93
1969	3,123	3,076	2,817	3,037	3,040	2,934	3,333	2,768	3,043	2,576	2,936
1971	3,335	3,700	3,241	3,516	3,327	3,312	3,818	2,879	3,463	2,955	3,291
	6.79	20.27	15.03	15.77	9.44	12.88	14.54	4.02	13.80	14.69	12.10
1969	67.303	209.079	355.567	186.630	109.699	132.922	112.430	453.629	138.906	37.864	1,804.429
1971	87.054	204.622	344.289	167.814	101.776	137.309	128.346	470.484	148.398	42.305	1,832.397
	29.35	-2.13	-3.17	-10.08	-7.22	3.30	14.16	3.72	6.83	11.73	1.57

TABLE 55
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		ALL TAXONOMIES				LEVEL 1 LOWER LEVEL			WAL
		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	7.65	8.25		10.34				
	1971	8.65	9.30	10.21	10.66	9.03	9.99	10.60	
PERCENT CHANGED		13.12	13.34		3.14				
TOTAL INSTRUCTIONAL	1969	12.92	12.58		14.63				
	1971	12.64	15.67	13.44	15.51	12.98	17.54	13.75	
PERCENT CHANGED		-2.19	24.55		6.07				
FTE STUDENT-FACULTY RATIO	1969	21.74	20.63		17.11				
	1971	21.84	21.54	17.91	18.75	20.81	17.36	16.97	
PERCENT CHANGED		.46	4.42		9.53				
STCRHRS / FTE TEACH-FAC	1969	326.06	309.43		256.71				
	1971	327.57	323.10	268.63	281.17	312.14	260.38	254.59	32
PERCENT CHANGED		.46	4.42		9.53				
STUDENT CRHRS PRODUCED	1969	17,486	15,762		13,965				
	1971	22,613	18,287	8,437	15,672	10,412	3,664	7,188	1
PERCENT CHANGED		29.32	16.02		12.22				
WEIGHTED AVG. CLASS SIZE	1969	25	22		20				
	1971	24	23	20	20	22	19	18	
PERCENT CHANGED		-6.96	2.89		.12				
AVG. SALARY/FTE TEACH	1969	2,494	2,538		2,653				
	1971	2,834	3,005	2,743	2,997	2,818	2,601	2,699	
PERCENT CHANGED		13.64	18.33		12.98				
NO. OF FTE TEACHING FAC.	1969	53,628	50,939		54,401				
	1971	69,033	56,598	31,407	55,739	33,357	14,072	28,234	3
PERCENT CHANGED		28.73	11.11		2.46				

TABLE 55
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

ALL TAXONOMIES				LEVEL 1 LOWER LEVEL				TOTAL C. C.	TOTAL ALL
CLEV.	COL.	MYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS		
7.65	8.20		10.34					8.63	7.54
8.65	9.30	10.21	10.66	9.03	9.99	10.60	8.71	9.45	8.44
13.12	13.34		3.14					9.54	12.04
12.92	12.58		14.63					13.31	12.65
12.64	15.67	13.44	15.51	12.98	17.54	13.75	11.18	14.11	13.53
-2.19	24.55		6.03					5.97	6.93
21.74	20.63		17.11					19.80	25.71
21.84	21.54	17.91	18.75	20.8	17.36	16.97	21.55	20.43	25.62
.46	4.42		9.53					3.17	- .35
326.06	309.43		256.71					297.00	385.60
327.57	323.10	268.63	281.17	312.14	260.38	254.59	323.17	306.42	384.25
.46	4.42		9.53					3.17	- .35
17,486	15,762		13,965					47,213	756,939
22,613	18,287	8,437	15,672	10,412	3,664	7,188	12,426	75,421	798,680
29.32	16.02		12.22					59.75	5.51
25	22		20					22	25
24	23	20	20	22	19	18	22	22	26
-6.96	2.89		.12					-2.67	-9.12
2,494	2,538		2,653					2,563	2,905
2,834	3,005	2,743	2,997	2,818	2,601	2,699	2,813	2,896	3,244
13.64	18.36		12.98					13.03	11.66
53.628	50.939		54.401					158.968	1,962.997
69.033	56.598	31.407	55.739	33.357	14.072	28.234	38.450	246.134	2,078.531
28.73	11.11		2.46					54.83	5.89

TABLE 56
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ALL TAXONOMIES				LEVEL 2 UPPER LEVEL			UT CHATT.	UT KNOX
		APSU	ETSU	MSU	MTSU	TSU	TTU			
DIRECT TEACHING	1969	12.55	14.62	11.31	12.51	10.20	11.19	18.33	10.3	
	1971	13.47	15.13	13.43	11.67	13.39	13.61	18.55	12.2	
PERCENT CHANGED		7.29	3.47	18.70	-6.76	31.29	21.61	1.20	17.8	
TOTAL INSTRUCTIONAL	1969	16.91	21.26	20.16	18.05	17.47	19.64	22.33	22.1	
	1971	17.97	21.47	22.61	18.00	20.02	22.13	24.11	21.6	
PERCENT CHANGED		6.22	.99	12.19	-.28	14.57	12.66	7.94	-2.0	
FTE STONT-FACULTY RATIO	1969	19.01	15.59	21.58	19.03	22.18	20.49	13.83	24.3	
	1971	19.57	17.81	20.36	23.72	18.76	19.20	14.61	21.9	
PERCENT CHANGED		2.92	14.28	-5.67	24.63	-15.43	-6.27	5.66	-9.7	
STC ² HRS / FTE TEACH-FAC	1969	285.15	233.79	323.71	285.46	332.76	307.32	207.37	364.7	
	1971	293.48	267.19	305.37	355.78	281.40	288.06	219.13	329.1	
PERCENT CHANGED		2.92	14.29	-5.67	24.63	-15.43	-6.27	5.67	-9.7	
STUDENT CRHPS PRODUCED	1969	15,133	29,865	54,324	34,435	20,912	27,983	8,077	91,11	
	1971	16,708	35,620	57,529	45,755	18,225	26,224	12,482	98,97	
PERCENT CHANGED		10.41	19.27	5.90	32.87	-12.85	-6.29	54.54	8.6	
WEIGHTED AVG. CLASS SIZE	1969	17	16	21	20	18	21	15	2	
	1971	18	18	21	19	15	20	16	2	
PERCENT CHANGED		7.47	8.57	.51	-6.90	-15.56	-6.25	5.77	-2.6	
AVG. SALARY/FTE TEACH	1969	3,579	3,418	3,661	3,572	3,393	3,433	3,800	3,79	
	1971	3,952	4,042	4,100	4,151	3,767	3,920	4,064	4,03	
PERCENT CHANGED		10.42	18.25	11.98	16.21	11.03	13.99	6.93	6.3	
NO. OF FTE TEACHING FAC.	1969	53.070	127.744	167.818	120.629	62.844	91.055	38.949	249.82	
	1971	56.931	133.312	188.392	128.604	64.766	91.337	56.963	300.65	
PERCENT CHANGED		7.28	4.36	12.26	6.61	3.06	-.02	46.25	20.1	

TABLE 56
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

ALL TAXONOMICS				LEVEL 2 UPPER LEVEL						TOTAL
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	
12.55	14.62	11.31	12.51	10.20	11.19	18.33	10.39	12.93	18.84	11.82
13.47	15.13	13.43	11.67	13.39	13.61	18.55	12.25	13.31	12.27	13.20
7.29	3.47	18.70	-6.76	31.29	21.61	1.20	17.82	2.	-34.88	11.65
16.91	21.26	20.16	18.05	17.47	19.64	22.33	22.14	17.06	35.65	20.30
17.97	21.47	22.61	18.00	20.02	22.13	24.11	21.69	19.85	18.27	21.02
6.22	.99	12.19	-.28	14.57	12.66	7.94	-2.03	16.35	-48.74	3.56
19.01	15.59	21.58	19.03	22.18	20.49	13.83	24.31	18.11	8.81	20.18
19.57	17.81	20.36	23.72	18.76	19.20	14.61	21.95	19.23	16.79	20.23
2.92	14.28	-5.67	24.63	-15.43	-6.27	5.66	-9.73	6.19	90.48	.25
15.15	233.79	323.71	285.46	332.76	307.32	207.37	364.70	271.60	132.19	302.67
13.48	267.19	305.37	355.78	281.40	288.06	219.13	329.19	288.43	251.86	303.42
2.92	14.29	-5.67	24.63	-15.43	-6.27	5.67	-9.74	6.20	90.53	.25
1,133	29,865	54,324	34,435	20,912	27,983	8,077	91,112	14,579	3,228	299,648
1,738	35,620	57,529	45,755	18,225	26,224	12,482	98,973	17,139	4,546	333,201
10.41	19.27	5.90	32.87	-12.85	-6.29	54.54	8.63	17.56	40.83	11.20
17	16	21	20	18	21	15	21	21	12	20
18	18	21	19	15	20	16	21	19	16	19
7.47	8.57	.51	-6.90	-15.56	-6.25	5.77	-2.61	-9.16	31.18	-2.13
1,579	3,418	3,661	3,572	3,393	3,439	3,800	3,790	3,512	2,490	3,578
1,952	4,042	4,100	4,151	3,767	3,920	4,364	4,031	3,840	3,089	4,005
10.42	18.25	11.98	16.21	11.03	13.99	6.93	6.36	9.32	24.05	11.94
1,070	127,744	167,818	120,629	62,844	91,055	38,949	249,826	53,678	24,420	990,033
1,931	133,312	188,392	128,604	64,766	91,337	56,963	303,659	59,421	18,050	1,098,135
7.28	4.36	12.26	6.61	3.06	-.02	46.25	20.35	10.70	-26.09	10.92

TABLE 57
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ALL TAXONOMIES				LEVELS 3 & 5 MASTERS AND PROFESSIONAL			UT CHATT.
		APSU	ETSU	MSU	MTSU	TSU	TTU		
DIRECT TEACHING	1969	30.82	32.63	27.38	28.56	30.10	31.33	54.19	
	1971	30.79	29.28	31.10	21.83	21.75	30.51	18.93	
	PERCENT CHANGED	-0.11	-10.26	14.85	-23.56	-27.72	-2.63	-65.06	
TOTAL INSTRUCTIONAL	1969	36.54	43.65	43.64	35.74	46.05	49.73	60.87	
	1971	43.07	40.73	55.98	28.92	41.38	71.63	24.17	
	PERCENT CHANGED	19.51	-6.68	28.27	-19.08	-10.14	44.11	-60.28	
FTE STUDENT-FACULTY RATIO	1969	11.02	9.65	12.83	12.67	11.51	10.42	7.71	
	1971	11.98	12.81	12.56	17.43	17.04	11.46	20.25	
	PERCENT CHANGED	8.68	32.75	-2.16	37.55	48.10	9.95	162.42	
STC HRS / FTE TEACH-FAC	1969	132.28	115.81	153.98	152.04	138.08	125.38	72.54	
	1971	143.76	153.75	150.66	209.16	204.51	137.54	242.95	
	PERCENT CHANGED	8.68	32.76	-2.15	37.56	48.11	9.96	162.52	
STUDENT CRHS PRODUCED	1969	1,059	3,838	11,090	2,705	1,188	2,697	510	
	1971	1,548	6,325	13,379	5,989	2,484	4,068	896	
	PERCENT CHANGED	46.18	64.80	20.64	121.40	109.09	50.83	75.69	
WEIGHTED AVG. CLASS SIZE	1969	9	7	10	10	8	8	7	
	1971	9	9	10	12	12	9	15	
	PERCENT CHANGED	2.12	24.64	-0.63	18.27	56.73	13.67	101.48	
AVG. SALARY/FTE TEACH	1969	4,077	3,778	4,170	4,343	4,156	3,919	5,015	
	1971	4,426	4,502	4,686	4,566	4,449	4,196	4,599	
	PERCENT CHANGED	8.56	19.14	12.38	5.14	7.05	7.07	-8.28	
NO. OF FTE TEACHING FAC.	1969	8,006	33,141	72,022	17,791	8,604	21,563	5,511	
	1971	10,768	41,138	88,801	28,634	12,146	29,577	3,688	
	PERCENT CHANGED	34.50	24.13	23.30	60.95	41.17	37.17	-33.08	

TABLE 57
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

ALL TAXONOMIES			LEVELS 3 & 5 MASTERS AND PROFESSIONAL								
APSU	FTSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	TOTAL	
30.92	32.63	27.08	28.56	30.10	31.33	54.19	24.19	29.00	38.17	26.63	
30.79	29.28	31.10	21.83	21.75	30.51	18.93	27.01	18.07	14.97	27.07	
-0.11	-1.26	14.85	-23.56	-27.72	-2.63	-65.06	11.66	-37.70	-60.80	1.63	
36.04	43.65	43.64	35.74	46.05	49.70	63.87	49.63	35.22	62.76	46.97	
43.07	40.73	55.98	28.92	41.38	71.63	24.17	60.20	30.87	25.35	52.36	
19.51	-6.68	28.27	-19.08	-10.14	44.11	-63.28	21.29	-12.36	-59.60	11.48	
11.02	9.65	12.83	12.67	11.51	10.42	7.71	14.62	11.44	7.79	13.04	
11.98	12.81	12.56	17.43	17.04	11.46	23.25	14.38	19.37	23.45	14.11	
8.68	32.75	-2.16	37.55	48.10	9.75	162.42	-1.65	69.33	200.96	8.16	
132.28	115.81	153.98	152.04	138.08	125.08	72.54	175.49	137.23	93.46	156.50	
143.76	153.75	150.66	209.16	204.51	137.54	242.95	172.59	232.42	281.39	169.27	
8.68	32.76	-2.15	37.56	48.11	9.96	162.52	-1.65	69.37	201.07	8.16	
1,059	3,838	11,090	2,705	1,188	2,697	510	29,323	282	210	52,902	
1,548	6,325	13,379	5,989	2,484	4,068	896	29,643	1,484	1,728	67,544	
46.18	64.80	20.64	121.40	109.09	50.83	75.69	1.09	426.24	722.86	27.68	
9	7	10	10	8	8	7	9	10	6	9	
9	9	10	12	12	9	15	8	17	12	9	
2.12	24.64	-0.63	18.27	56.73	10.67	101.48	-6.42	59.18	85.33	4.77	
4,077	3,778	4,170	4,343	4,156	3,919	5,015	4,246	3,980	3,569	4,168	
4,426	4,502	4,686	4,566	4,449	4,196	4,599	4,663	4,199	4,212	4,582	
8.56	19.14	12.38	5.14	7.05	7.07	-8.28	9.82	5.50	18.01	9.93	
8.006	33.141	72.022	17.791	8.604	21.563	5.511	167.095	2.055	2.247	338.035	
10.768	41.138	88.801	28.634	12.146	29.577	3.688	171.750	6.385	6.141	399.028	
34.50	24.13	23.30	63.75	41.17	37.17	-33.38	2.79	210.71	173.30	18.04	

TABLE 58
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		ALL TAXONOMIES				LEVEL 4 DOCTORAL		
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.
COST PER STUDENT CREDIT HOUR								
DIRECT TEACHING	1969			59.48				
	1971		55.79	71.60	41.58			
PERCENT CHANGED				20.38				
TOTAL INSTRUCTIONAL	1969			96.16				
	1971		59.71	112.96	51.40			
PERCENT CHANGED				17.47				
FTE STUDENT-FACULTY RATIO	1969			6.07				
	1971		8.07	5.86	9.28			
PERCENT CHANGED				-3.44				
STC4HRS / FTE TEACH-FAC	1969			72.87				
	1971		96.77	70.36	111.30			
PERCENT CHANGED				-3.44				
STUDENT CRHPS PRODUCED	1969			384				
	1971		252	652	259			
PERCENT CHANGED				69.79				
WEIGHTED AVG. CLASS SIZE	1969			4				
	1971		4	4	7			
PERCENT CHANGED				3.72				
AVG. SALARY/FTE TEACH	1969			4,334				
	1971		5,399	5,037	4,628			
PERCENT CHANGED				16.24				
NO. OF FTE TEACHING FAC.	1969			5.270				
	1971		2.604	9.267	2.327			
PERCENT CHANGED				75.84				

TABLE 58
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

SU	ALL TAXONOMIES			LEVEL 4 DOCTORAL					TOTAL	
	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN		UT NASH.
	55.79	59.48 71.60 20.38	41.58				58.50 66.47 13.62			58.56 65.70 12.18
	59.71	96.16 112.96 17.47	51.40				112.77 123.72 9.71			111.73 118.16 5.76
	8.07	6.07 5.86 -3.44	9.28				7.16 6.72 -6.14			7.08 6.73 -4.87
	96.77	72.87 70.36 -3.44	111.30				85.90 80.61 -6.15			84.95 80.81 -4.87
	252	384 652 69.79	259				5,738 6,361 10.86			6,122 7,524 22.90
	4	4 4 3.72	7				3 3 -1.64			3 3 1.30
	5,399	4,334 5,037 16.24	4,628				5,325 5,358 6.63			4,975 5,309 6.73
	2,604	5,270 9,267 75.84	2,327				66,800 78,908 18.13			72,570 93,106 29.19

TABLE 59
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ALL TAXONOMIES				TOTAL ALL LEVELS			
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	JT KNOX
DIRECT TEACHING	1969	9.47	10.75	9.67	10.11	8.50	9.11	12.02	9.9
	1971	11.17	12.35	10.84	10.41	10.11	10.54	12.48	11.6
	PERCENT CHANGED	17.90	14.86	12.05	2.98	18.89	15.70	3.86	16.8
TOTAL INSTRUCTIONAL	1969	12.64	15.77	17.33	15.53	14.49	15.05	15.34	20.1
	1971	15.28	17.65	18.92	16.60	15.75	17.63	16.95	21.9
	PERCENT CHANGED	20.86	11.86	9.19	6.8	8.75	17.14	10.44	8.8
FTE STUDENT-FACULTY RATIO	1969	23.86	20.37	22.82	21.94	25.33	23.67	19.51	24.0
	1971	21.88	21.43	23.60	25.06	23.73	23.22	20.94	22.1
	PERCENT CHANGED	-8.30	5.23	3.42	14.22	-6.30	-1.90	7.34	-8.2
SAL. HRS / FTE TEACH-FAC	1969	355.81	302.93	336.24	327.03	378.31	352.29	291.87	350.7
	1971	325.65	317.18	345.78	371.15	352.51	344.35	312.97	321.0
	PERCENT CHANGED	-8.48	4.71	2.84	13.49	-6.82	-2.25	7.23	-8.4
STUDENT CRHS PRODUCED	1969	45,678	117,073	204,285	106,302	68,530	86,501	45,792	332,28
	1971	50,395	121,061	220,820	121,508	62,990	88,815	59,151	331,94
	PERCENT CHANGED	10.33	8.02	8.09	14.30	-8.08	2.68	29.17	-0.1
WEIGHTED AVG. CLASS SIZE	1969	23	22	24	24	22	25	23	2
	1971	23	22	25	32	20	24	24	1
	PERCENT CHANGED	.89	-2.14	2.65	-5.76	-8.45	-4.20	5.52	-15.6
AVG. SALARY/FTE TEACH	1969	3,371	3,257	3,252	3,307	3,215	3,208	3,508	3,49
	1971	3,638	3,917	3,747	3,865	3,563	3,628	3,907	3,73
	PERCENT CHANGED	7.92	20.27	15.23	16.88	10.80	13.10	11.37	6.9
NO. OF FTE TEACHING FAC.	1969	128,379	369,964	607,563	325,050	181,147	245,540	156,890	947,37
	1971	154,753	381,676	638,611	327,379	178,688	257,923	188,997	1,034,08
	PERCENT CHANGED	20.54	3.17	5.11	.72	-1.36	5.04	20.46	9.1

TABLE 59
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

ALL TAXONOMIES			TOTAL ALL LEVELS							
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	JT KNOX.	UT MARTIN	UT WASH.	TOTAL
9.47	10.75	9.67	10.11	8.50	9.11	12.02	9.95	9.71	14.45	9.94
11.17	12.35	10.84	10.41	10.11	10.54	12.48	11.63	11.07	10.21	11.22
17.90	14.86	12.05	2.98	18.89	15.70	3.86	16.87	13.94	-29.34	12.89
12.64	15.77	17.33	15.53	14.48	15.05	15.34	20.16	12.58	29.63	17.07
15.28	17.65	18.92	16.60	15.75	17.63	16.95	21.94	16.40	15.59	18.66
20.86	11.88	9.10	6.88	8.75	17.14	10.44	8.80	30.32	-47.43	9.37
23.86	20.37	22.82	21.94	25.33	23.57	19.51	24.09	21.87	11.95	22.63
21.88	21.43	23.60	25.06	23.70	23.22	20.94	22.11	21.74	20.72	22.63
-0.30	5.23	3.42	14.72	-6.30	-1.90	7.34	-8.22	-0.60	73.40	
355.81	302.93	336.24	327.03	378.31	352.29	291.87	350.74	327.68	178.41	334.28
325.65	317.18	345.78	371.15	352.51	344.35	312.97	321.00	324.35	304.33	332.98
-8.48	4.71	2.84	13.49	-6.82	-2.25	7.23	-8.48	-1.02	70.58	-0.39
45,678	112,073	204,285	106,302	68,530	86,501	45,792	332,283	63,780	11,513	1,376,737
50,395	121,061	220,820	121,508	62,990	88,815	59,151	331,944	69,476	20,237	1,146,397
10.33	8.02	8.09	14.30	-8.08	2.68	29.17	-0.10	8.93	75.78	6.47
23	22	24	24	22	25	23	21	29	15	23
23	22	25	22	20	24	24	18	24	22	21
.89	-2.14	2.65	-5.76	-8.45	-4.20	5.52	-15.68	-15.77	41.75	-6.53
3,371	3,257	3,252	3,307	3,216	3,208	3,508	3,491	3,182	2,578	3,323
3,638	3,917	3,747	3,865	3,563	3,628	3,907	3,735	3,590	3,107	3,737
7.92	20.27	15.23	16.88	10.80	13.10	11.37	6.97	12.80	20.52	12.46
128.379	369.364	607.563	325.050	181.147	245.540	156.890	947.377	194.639	64.531	3,221.080
154.753	381.676	638.611	327.379	178.688	257.923	188.997	1,034.086	214.204	66.496	3,442.813
20.54	3.17	5.11	.72	-1.36	5.04	20.46	9.15	10.05	3.05	6.88

TABLE 59
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

		ALL TAXONOMIES				TOTAL ALL LEVELS			
		CLEV.	COL.	OYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
COST PER STUDENT CREDIT HOUR									
DIRECT TEACHING	1969	7.65	8.20		10.34				
	1971	8.65	9.30	10.21	10.66	9.03	9.99	10.60	8.71
PERCENT CHANGED		13.12	13.34		3.14				
TOTAL INSTRUCTIONAL	1969	12.92	12.58		14.63				
	1971	12.64	15.67	13.44	15.51	12.98	17.54	13.75	11.18
PERCENT CHANGED		-2.19	24.55		6.03				
FTE STUDENT-FACULTY RATIO	1969	21.74	20.63		17.11				
	1971	21.84	21.54	17.91	18.75	20.81	17.36	16.97	21.55
PERCENT CHANGED		.46	4.42		9.53				
STCRHRS / FTE TEACH-FAC	1969	326.06	309.43		256.71				
	1971	327.57	323.10	268.63	281.17	312.14	260.38	254.59	323.17
PERCENT CHANGED		.46	4.42		9.53				
STUDENT CRHS PRODUCED	1969	17,486	15,762		13,965				
	1971	22,613	18,287	8,437	15,672	10,412	3,664	7,188	12,426
PERCENT CHANGED		29.32	16.02		12.22				
WEIGHTED AVG. CLASS SIZE	1969	25	22		20				
	1971	24	23	20	20	22	19	18	22
PERCENT CHANGED		-6.96	2.89		.12				
AVG. SALARY/FTE TEACH	1969	2,494	2,538		2,653				
	1971	2,834	3,005	2,743	2,997	2,818	2,601	2,699	2,813
PERCENT CHANGED		13.64	18.36		12.98				
NO. OF FTE TEACHING FAC.	1969	53,628	50,939		54,401				
	1971	69,033	56,598	31,407	55,739	33,357	14,072	28,234	38,450
PERCENT CHANGED		28.73	11.11		2.46				

TABLE 59
 TENNESSEE HIGHER EDUCATION COMMISSION
 COMPARISON COST STUDY DATA 1969-1971

YEAR	ALL TAXONOMIES								TOTAL ALL LEVELS	
	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
69	7.65	8.20		10.34					8.63	9.89
71	8.65	9.30	10.21	10.66	9.03	9.99	10.60	8.71	9.45	11.11
	13.12	13.34		3.14					9.54	12.42
69	12.32	12.58		14.63					13.31	16.91
71	17.64	15.67	13.44	15.91	12.98	17.54	13.75	11.18	14.11	18.38
	-2.19	24.55		6.03					5.97	8.72
69	21.74	20.63		17.11					19.80	22.50
71	21.84	21.54	17.91	18.75	20.81	17.36	16.97	21.55	20.43	22.49
	.46	4.42		9.53					3.17	-0.06
69	326.06	309.43		256.71					297.00	332.53
71	327.57	323.10	268.63	281.17	312.14	260.38	254.59	323.17	306.42	331.21
	.46	4.42		9.53					3.17	-4.40
69	17,486	15,762		13,965					47,213	1,123,950
71	22,613	18,287	8,437	15,672	10,412	3,664	7,188	12,426	75,421	1,221,818
	29.32	16.02		12.22					59.75	8.71
69	25	22		20					22	23
71	24	23	20	20	22	19	18	22	22	21
	-6.96	2.89		.12					-2.67	-6.31
69	2,494	2,538		2,653					2,563	3,287
71	2,834	3,005	2,743	2,997	2,818	2,601	2,699	2,813	2,896	3,681
	13.64	18.36		12.98					13.03	11.98
69	53.628	50.939		54.401					158.968	3,380,548
71	69.033	56.598	31.407	55.739	33.357	14.072	28.234	38.450	246.134	3,688.947
	28.73	11.11		2.46					54.83	9.14

END