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Edwardsville Bulletin

To the Faculty and Staff of Southern Illinois University at Edwardsville

Announcements
4-1

Vol. 12, No. 7
April 24, 1980

MEMO TO: The University Community

FROM: Earl Lazerson *E. L.*

SUBJECT: IBHE FY 1981 Budget Recommendation for SIUE -- II

The comparative cost analysis referred to in an earlier Edwardsville Bulletin on this topic (Vol. 12, No. 1, January 3, 1980) was presented to the University Planning and Budget Council in February. Tabular portions of these presentations, with accompanying explanatory narrative, are included here for your information.

Later bulletins will provide further information as FY 1981 budget decisions become final both at the state and University level.

Attachment

IBHE COST ANALYSIS METHODOLOGY: DETAIL

In the appendix to the Edwardsville Bulletin, Vol. 12, No. 1, January 3, 1980, the procedures used by the IBHE (Illinois Board of Higher Education) to produce a statewide comparative cost analysis for FY 1981 operating budget deliberations were presented. An extension of IBHE's formal mechanisms to a more detailed level was undertaken by the Office of Institutional Research and Studies and the results were presented to the University Planning and Budget Council on February 7, 1980 and February 28, 1980.

Because an understanding of the core concepts underlying IBHE's analysis is a foundation for the material which follows, a portion of the explanatory text is repeated here (see p. 52 of the APPENDIX to the January 3 Bulletin):

This comparative cost analysis examines the reported unit cost for credit hours offered by each public university in relation to statewide average unit cost for similar disciplines and levels of instruction. The analysis asks, "What would the total costs at this university be if its unit cost for each discipline and level of instruction were exactly at the average unit cost for each discipline and level of instruction for all public universities?" This approach avoids the common distortions caused when total unit costs among campuses are compared without regard for differences in the mix of expensive and inexpensive programs and differences in the number of upper division or graduate level students enrolled in each disciplinary area.

Components of the Analysis

To move from a conceptual description of the cost analysis into the context of SIUE's expenditure structure in FY 1979, a series of three tables dated 2/1/80 are presented in Appendix I, and a series of six schedules (labelled A through F, dated 2/21/80) are presented in Appendix II.

Appendix I

Table 1: Reconciliation of SIUE Adjusted Instructional Unit Cost Study Expenditures to Total State Appropriated Operating Expenditures. In order to make inter-institutional comparisons more valid, Illinois unit cost study procedures allow a number of expenditures to be excluded from calculations. These exclusions are available to all institutions if circumstances allow. For example, all institutions exclude "Retirement Contributions" and "Student Aid", some exclude "Cost Recovery Instruction", but only institutions supporting Dental or Medical schools exclude these costs and associated overheads. In FY 1979, SIUE's allowable exclusions were \$7,305,624 (Part A, lines 1 through 5).

IBHE developed several additional exclusions for specific use in the FY 79 comparative cost analysis (Part B, lines 1 through 7). These exclusions are logical extensions of the general exclusions enumerated in Part A;

that is, they represent attempts to adjust the cost study in a manner designed to (1) minimize the differential impact of institutional size on costs, and (2) eliminate expenditures related to non-instructional activities. Exclusions of expenditures for Operation and Maintenance of Physical Plant and the three "fixed cost" allowances (lines 1., 4., 5., 6. and 7.) are of the former type, lines 2. and 3. are of the latter.

To summarize, Table 1 shows the several classes of expenditures deducted from SIUE's FY 79 appropriations of \$39,073,066 before the normative cost analysis was prepared by IBHE. These exclusions are presented to illustrate the types of exclusions used by IBHE in their attempts to make valid inter-institutional comparisons.

Table 2: Statewide Normative Expenditures Compared With SIUE Actual Expenditures, Replication of IBHE Procedures by Cost Category. IBHE's FY 1979 comparative cost analysis developed a total "overfunded" amount of \$3,753,400 for SIUE. The details presented in Table 2, lines 1 through 12, are the result of the analysis. They provide a measure for comparison at each of the category levels of the cost study. Table 3 details the analysis at the unit level.

Table 3: Costs by Category and Executive Functional Area - - Detail. This table lists the various units which comprise those cost categories enumerated in Table 2, lines 6. through 11, and assigns them to the administrative area in which they reside. Because the fixed cost allowances and other excluded expenditures have not been removed from the data in this table, subtotals will not agree with identically-titled category subtotals in Table 2. For example, the Academic Support subtotal is \$1,556,564 in this table, and \$1,104,179 in Table 2, where a fixed cost allowance has been removed.

Appendix II

Schedule A shows the administrative location of resources expended in the ten cost categories specified in Table 2, Appendix I. Schedules B through F were developed to provide five examples of ways in which the IBHE's recommended FY 81 budget reduction of \$663,500 might be assigned to the four functional areas of the University (Academic Affairs, Business Affairs, Student Affairs, and the President's Office) using the data derived by the comparative cost analysis explained in Appendix I. Note that these schedules are meant to provide examples by using the formalistic methods of the IBHE comparative cost study to actually accomplish budget reductions within the University. Other examples could be constructed by applying different decision rules to the formula structure.

Schedule A. Information in this schedule is based on proportions of various components of the operating budget which are under the management of the University's chief administrators. For example, the first four cost categories, Direct Instruction, Indirect Instruction, Departmental Research, and Department and School Overheads, fall under the overall management of the Vice President and Provost, while Institutional Support resources are distributed among all areas but Student Affairs.

Note that the "other" functional category has been established to accommodate the nature of the resources reported as "Independent Operations" (tuition retention used to support auxiliary enterprises) and "System Office." The latter, representing expenditures by the Office of the Chancellor, is of special concern, since resource control clearly is not in the direct purview of SIUE management.

In schedules B through F, allocation of dollars to those columns designated under the major tabular heading, "Distribution to Internal Functional Areas," is determined by the proportions established in this schedule.

Schedule B (Model I). The policy decisions used in this model specify that, (1) those cost categories that are nominally "underfunded" do not contribute to the "Percent to Total" column, and therefore neither participate in budget reduction nor gain resources to offset "underfunding," (2) the base reduction of \$663,500 is distributed to cost categories on the basis of the "Percent to Total" column, and (3) prorata "shares" derived according to (2) above are further distributed prorata to the internal functional areas according to proportions outlined in Schedule A.

Schedule C (Model II). Policy decisions underlying this model are the same as those described for Model I (Schedule B), but "underfunded" cost categories become a part of the calculation of the "Percent to Total" column, and receive a distribution of resources to reflect this recognition of "underfunded" status.

Schedule D (Model III). In calculating the FY 1981 base reduction, IBHE conceded an "overfunded institution allowance" of 2% of adjusted expenditures, amounting to \$435,748 (see Appendix I, Table 2, footnote 2). This model distributes the 2% allowance to each "overfunded" cost category, then proceeds as in Schedule B (Model II); that is, not accommodating "underfunded" categories.

Schedule E (Model IV). This model uses the distribution of resources to "underfunded" categories set out in Schedule C, and also incorporates the 2% allowance specified in Schedule D.

Schedule F (Model V). This model is identical to that of Schedule E, but the 2% allowance is used entirely in the "Direct Instruction" cost category, in line with an explicit recognition of teaching as a raison d'etre of the institution, and to recognize the existence of fixed costs at this level of cost aggregation as well as at those levels formally recognized in the IBHE normative cost analysis.

APPENDIX I

Information Presented to the
University Planning and Budget Council:
Detailed Explanation of IBHE Normative
Unit Cost Study Procedures
2/7/80

Table 1

Southern Illinois University at Edwardsville

FY 79 Normative Instructional Unit Cost Study Analysis

Reconciliation of SIUE Adjusted Instructional Unit Cost Study Expenditures
to Total State Appropriated Operating Expenditures

A. Total Expenditures from Appropriated Funds	\$39,073,066
<u>Exclusion Prior to Cost Study Calculation:</u>	
1. Retirement Contributions	(2,110,291)
2. Student Aid	(130,137)
3. Cost Recovery Instruction (Metropolitan MBA)	(257,335)
4. School of Dental Medicine	(3,272,376)
5. School of Dental Medicine Associated Overheads	(1,535,485)
B. Subtotal Expenditures Included in Unit Cost Study	\$31,767,442
<u>Exclusions Prior to Normative Cost Study Procedures:</u>	
1. Operation and Maintenance of Physical Plant	(5,299,400)
2. Organized Research and Associated Overheads	(417,096)
3. Public Service and Associated Overheads	(2,203,159)
4. Academic Support Fixed Cost Allowance	(500,000)
5. Student Services Fixed Cost Allowance	(411,000)
6. Institutional Support Fixed Cost Allowance	(1,000,000)
7. Graduate II Instructional Costs	(149,412)
C. Total Expenditures Used in Normative Cost Study	\$21,787,375

Table 2

Southern Illinois University at Edwardsville

FY 79 Normative Instructional Unit Cost Study Analysis

Statewide Normative Expenditures Compared With SIUE Actual Expenditures

Replication of IBHE Procedures by Cost Category

Cost Category (1)	Normative Expenditures (2)	SIU Adjusted Expenditures ¹ (3)	Funding Difference [(2) - (3)] (4)
1. Direct Instruction	\$ 8,125,932	\$ 9,576,325	\$(1,450,393)
2. Indirect Instruction	783,882	757,524	26,358
3. Departmental Research	587,241	1,032,370	(445,129)
4. Department and School Overheads	<u>3,456,739</u>	<u>4,443,281</u>	<u>(986,542)</u>
5. School Subtotal	\$12,953,794	\$15,809,500	\$(2,855,706)
6. Overheads Unique to a Function	1,225,950	1,119,246	106,704
7. Academic Support	1,179,033	1,104,179	74,854
8. Student Services	623,226	833,967	(210,741)
9. Independent Operations	344,389	553,285	(208,896)
10. Institutional Support	1,581,094	2,222,046	(640,952)
11. System Office	<u>88,524</u>	<u>145,152</u>	<u>(56,628)</u>
12. Total	\$17,996,010	\$21,787,375	\$(3,791,365) ²

¹ Table 1, Line C.

² Actual IBHE calculation was \$3,753,400. This figure was further reduced by an "overfunded institution allowance" of 2% of Adjusted Expenditures (2% of column (3), line 12., or \$435,800), resulting in a net "relative overfunding" of \$3,317,600. Of this amount, 20% was applied as a base budget reduction (\$663,500).

Table 3

I R & S
2/1/80SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE
FY 79 NORMATIVE INSTRUCTIONAL UNIT COST STUDY ANALYSIS
COSTS BY CATEGORY AND EXECUTIVE FUNCTIONAL AREA -- DETAIL

Cost Category and Unit	President	Vice President and Provost	Vice President for Business Affairs	Vice President for Student Affairs	Total
<u>Direct Instruction</u>					
<u>Indirect Instruction and</u>					
<u>Departmental Research</u>					
Instructional Units	\$	\$11,118,519	\$	\$	\$11,118,519
School General Units		208,975			208,975
General Studies		110,948			110,948
Category Subtotal	\$ 0	\$11,438,442	\$ 0	\$ 0	\$11,438,442
<u>Department and School</u>					
<u>Overheads</u>					
Instructional Units and		4,322,502			4,322,502
School General Units			\$147,672		147,672
Data Processing Costs					
Category Subtotal	\$ 0	\$ 4,322,502	\$147,672	\$ 0	\$ 4,470,174
<u>Overhead Support Unique</u>					
<u>to a Function</u>					
Admissions & Records		670,270			670,270
Dean's College		35,281			35,281
Determinants Undergrad. Enroll.		14,539			14,539
General Studies		84,846			84,846
Gerontology Program		10,617			10,617
Graduate School		217,561			217,561
Open University Program		48,753			48,753
Off-Campus Residence Ctr.		27,846			27,846
Textbook Service (D.P. Costs)			9,761		9,761
Undergrad. Program Review		8,271			8,271
(Rounding Error)		(104)	(1)		(105)
Data Processing Costs		(75,942)	75,942		---
Category Subtotal	\$ 0	\$ 1,041,938	\$ 85,702	\$ 0	\$ 1,127,640
<u>Academic Support</u>					
Architectual Exhibits		2,410			2,410
Audio Visual Services		190,888			190,888
Lovejoy Library		1,354,075			1,354,075
University Archivist		9,286			9,286
(Rounding Error)		(95)			(95)
Data Processing Costs		(18,377)	\$ 18,377		---
Category Subtotal	\$ 0	\$ 1,538,187	\$ 18,377	\$ 0	\$ 1,556,564
<u>Student Services</u>					
Academic Resource Center		212,817			212,817
Counseling & Testing				105,880	105,880
Health Service				90,344	90,344
Intercollegiate Sports Prog.				69,796	69,796
NDSL (D.P. Costs)			2,240		2,240
New Student Life				37,579	37,579
Rap Room				2,175	2,175
Student Activities Office				66,538	66,538
Student Housing			84,210		84,210
Student Work & Fin. Asst.				243,227	243,227
United Campus Ministry (D.P. Costs)			800		800
University Center (D.P. Costs)			5,840		5,840
University Placement Svcs.				77,327	77,327
Veterans Affairs		699			699
V.P. for Student Affairs				253,434	253,434
(Rounding Error)		(8)	(3)	(33)	(44)
Data Processing Costs		(640)	66,725	(66,085)	---
Category Subtotal	\$ 0	\$ 212,868	\$159,812	\$880,182	\$ 1,252,862

NOTE: Graduate II instructional costs and fixed cost allowances enumerated in Table 1 and excluded from Table 2 are included in this table.

Table 3: FY 79 Normative Instructional Cost Study Analysis, page 2

Cost Category and Unit	President	Vice President and Provost	Vice President for Business Affairs	Vice President for Student Affairs	Total
<u>Independent Operations</u>	\$ 0	\$ 0	\$ 0	\$ 0	\$ 556,791
<u>Institutional Support</u>					
Air Travel	1,079				1,079
Alumni Services	59,599				59,599
Administrative Accounting			177,944		177,944
Bursar			190,930		190,930
Business Affairs-Admin.			136,442		136,442
Business Affairs-Gen.			4,868		4,868
Campus Admin. & General			80,113		80,113
Campus Receptions	16,531				16,531
Central Affirm. Action	57,666				57,666
CIC Liaison & Support	17,637				17,637
Commencement Exercises		9,362			9,362
Controller & Budget Dir.			125,699		125,699
Data Processing/Admin.			116,313		116,313
Disbursements			96,851		96,851
Fin. Analysis & Reports			67,370		67,370
Foundation Admin.	52,845				52,845
ID Badges			9,149		9,149
Inst. Resch. & Studies			63,905		63,905
Internal Auditor	80,243				80,243
Micro Records			1		1
Office of the President	238,736				238,736
Ofc. of the General Counsel	69,524				69,524
Payroll Office			127,368		127,368
Personnel Office			145,925		145,925
Photographic Expense	38,038				38,038
Post Office			69,237		69,237
Procurement/Storage			277,989		277,989
Radiological Control		3,356			3,356
Risk Management			28,375		28,375
Scheduling Center			38,218		38,218
Student Grievance Settlement	18,873				18,873
Task Force Fac/Staff Dev.		464			464
Telephone Svcs. (D.P. Costs)			6,523		6,523
Transportation Svcs. (D.P. Costs)			1,147		1,147
Univ. Graphics & Pub.			123,512		123,512
Univ. News Service	122,864				122,864
Univ. Information Cntr.	36,773				36,773
University Relations	31,827				31,827
Univ. Senate	26,970				26,970
Univ. Staff Advis. Council	885				885
VP & Provost-General		371,667			371,667
(Activities Analysis to					
Acct. Records Reconcile)	(1,816)	(809)	(3,951)		(6,576)
(Rounding Error)	(47)	(21)	(103)		(171)
Data Processing Costs	(76,690)	(214)	76,904		---
Category Subtotal	\$791,537	\$ 383,805	\$1,960,729	\$ 0	\$ 3,136,071
<u>Operation and Maintenance of Physical Plant</u>					
Fire Protection			66,036		66,036
IBA Insurance Premium			933		933
Major Repairs			288,479		288,479
Physical Plant-Edw.			4,220,789		4,220,789
Rental of Real Property			111,245		111,245
Security Office			495		495
Vehicle Registration (D.P. Costs)			72		72
Waste Treatment Plant		53,974			53,974
(Rounding Error)		1	131		132
Category Subtotal	\$ 0	\$ 53,975	\$4,688,180	\$ 0	\$ 4,742,155
<u>System Office Support</u>	\$ 0	\$ 0	\$ 0	\$ 0	\$ 146,064
<u>Institution Total</u>	\$791,537	\$18,991,717	\$7,060,472	\$880,182	\$28,426,763

NOTE: Graduate II instructional costs and fixed cost allowances enumerated in Table 1 and excluded from Table 2 are included in this table.

APPENDIX II

Information Presented to the
University Planning and Budget Council:
Possible Budget Reduction Formulae Derived from
IBHE Normative Cost Study Procedures
2/27/80

SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE
 FY79 STATEWIDE UNIT COST STUDY
 EXPENDITURE PERCENTAGES BY CATEGORY AND INTERNAL FUNCTIONAL AREA
 2/21/80

	President's Administra- tive Area	Academic Affairs	Business Affairs	Student Affairs	Other	Total
Direct Instruction		100%				100%
Indirect Instruction		100%				100%
Departmental Research		100%				100%
Department and School Overheads		100%				100%
Overheads Unique to a Function		92.4%	7.6%			100%
Academic Support		98.8%	1.2%			100%
Student Services		17.0%	12.8%	70.2%		100%
Independent Operations					100%	100%
Institutional Support	25.3%	12.2%	62.5%			100%
Systems Office					100%	100%

SCHEDULE B

SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE
 DISTRIBUTION OF COMPARATIVE COST ANALYSIS
 BASE REDUCTION TO FUNCTIONAL AREAS
 EXCLUDING UNDERFUNDED CATEGORIES
 2/21/80

	Funding Difference ¹	Percent To Total	Distribution of Base Reduction	Model I Distribution to Internal Functional Areas (Schedule A) President's				
				Administrative Area	Academic Affairs	Business Affairs	Student Affairs	Other
Direct Instruction	\$ (1,450,393)	36.27%	\$ (240,651)		\$ (240,651)			
Indirect Instruction	26,358	--						
Departmental Research	(445,129)	11.13%	(73,848)		(73,848)			
Department and School Overheads	(986,542)	24.67%	(163,685)		(163,685)			
Overhead Unique to a Function	106,704	--						
Academic Support	74,854	--						
Student Services	(210,741)	5.27%	(34,966)		(5,944)	\$ (4,476)	\$ (24,546)	
Independent Operations	(208,896)	5.22%	(34,635)					\$ (34,635)
Institutional Support	(640,952)	16.03%	(106,360)	\$ (26,909)	(12,976)	(66,475)		
Systems Office	(56,628)	1.41%	(9,355)					(9,355)
	<u>\$ (3,791,365)</u>		<u>\$ (663,500)</u>	<u>\$ (26,909)</u>	<u>\$ (497,104)</u>	<u>\$ (70,951)</u>	<u>\$ (24,546)</u>	<u>\$ (43,990)</u>
Total Excluding Underfunded	<u>\$ (3,999,281)</u>	100.0%	100.0%	4.06%	74.92%	10.69%	3.70%	6.63%

¹ Appendix A, Table 2, Column 4

SCHEDULE C

SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE
 DISTRIBUTION OF COMPARATIVE COST ANALYSIS
 BASE REDUCTION TO FUNCTIONAL AREAS
 INCLUDING UNDERFUNDED CATEGORIES
 2/21/80

	Funding ¹ Difference	Percent To Total	Distribution of Base Reduction	Model II Distribution to Internal Functional Areas (Schedule A) President's				
				Administrative Area	Academic Affairs	Business Affairs	Student Affairs	Other
Direct Instruction	\$(1,450,393)	(38.25%)	\$(253,789)		\$(253,789)			
Indirect Instruction	26,358	.70%	4,645		4,645			
Departmental Research	(445,129)	(11.74%)	(77,895)		(77,895)			
Department and School Overheads	(986,542)	(26.02%)	(172,643)		(172,643)			
Overheads Unique to a Function	106,704	2.81%	18,645		17,228	\$ 1,417		
Academic Support	74,854	1.97%	13,071		12,914	157		
Student Services	(210,741)	(5.56%)	(36,891)		(6,271)	(4,722)	\$(25,898)	
Independent Operations	(208,896)	(5.51%)	(36,559)					\$(36,559)
Institutional Support	(640,952)	(16.91%)	(112,198)	\$(28,386)	(13,688)	(70,124)		
Systems Office	(56,628)	(1.49%)	(9,886)					(9,886)
	<u>\$(3,791,365)</u>	<u>(100.0%)</u>	<u>\$(663,500)</u>	<u>\$(28,386)</u>	<u>\$(489,499)</u>	<u>\$(73,272)</u>	<u>\$(25,898)</u>	<u>\$(46,445)</u>
			100.0%	4.28%	73.78%	11.04%	3.90%	7.00%

¹ Appendix A, Table 2, Column 4

SCHEDULE D

SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE
 DISTRIBUTION OF COMPARATIVE COST ANALYSIS
 BASE REDUCTION TO FUNCTIONAL AREAS
 AFTER ALLOWING FOR TWO PERCENT TOLERANCE
 EXCLUDING UNDERFUNDED AREAS
 2/21/80

						Model III Distribution to Internal Functional Areas (Schedule A)				
	<u>Funding Difference¹</u>	<u>2% Tolerance Allowance</u>	<u>Funding Difference After Tolerance</u>	<u>Percent to Total</u>	<u>Distribut. of Base Reduction</u>	<u>President's Administra- tive Area</u>	<u>Academic Affairs</u>	<u>Business Affairs</u>	<u>Student Affairs</u>	<u>Other</u>
Direct Instruction	\$(1,450,393)	\$191,527	\$(1,258,866)	34.74%	\$(230,499)		\$(230,499)			
Indirect Instruction	26,358	15,150	41,508	--						
Departmental Research	(445,129)	20,647	(424,482)	11.72%	(77,762)		(77,762)			
Department School Overheads	(986,542)	88,866	(897,676)	24.78%	(164,415)		(164,415)			
Overheads Unique to a Function	106,704	22,385	129,089	--						
Academic Support	74,854	22,084	96,938	--						
Student Services	(210,741)	16,679	(194,062)	5.36%	(35,565)		(6,046)	\$(4,552)	\$(24,967)	
Independent Operations	(208,896)	11,066	(197,830)	5.46%	(36,227)					\$(36,227)
Institutional Support	(640,952)	44,441	(596,511)	16.46%	(109,212)	\$(27,630)	(13,324)	(68,258)		
Systems Office	(56,628)	2,903	(53,725)	1.48%	(9,820)					(9,820)
	<u>\$(3,791,365)</u>	<u>\$435,748</u>	<u>\$(3,355,617)</u>		<u>\$(663,500)</u>	<u>\$(27,630)</u>	<u>\$(492,046)</u>	<u>\$(72,810)</u>	<u>\$(24,967)</u>	<u>\$(46,047)</u>
Total Excluding Underfunded			\$(3,623,152)	100.0%	100.0%	4.16%	74.17%	10.97%	3.96%	6.94%

¹ Appendix A, Table 2, Column 4

SCHEDULE E

SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE
 DISTRIBUTION OF COMPARATIVE COST ANALYSIS
 BASE REDUCTION TO FUNCTIONAL AREAS
 AFTER ALLOWING FOR TWO PERCENT TOLERANCE
 INCLUDING UNDERFUNDED AREAS
 2/21/80

						Model IV Distribution to Internal Functional Areas (Schedule A)				
	<u>Funding Difference¹</u>	<u>2% Tolerance Allowance</u>	<u>Funding Difference After Tolerance</u>	<u>Percent to Total</u>	<u>Distribut. of Base Reduction</u>	<u>President's Administra- tive Area</u>	<u>Academic Affairs</u>	<u>Business Affairs</u>	<u>Student Affairs</u>	<u>Other</u>
Direct Instruction	\$(1,450,393)	\$191,527	\$(1,258,866)	(37.52%)	\$(248,945)		\$(248,945)			
Indirect Instruction	26,358	15,150	41,508	1.24%	8,227		8,227			
Departmental Research	(445,129)	20,647	(424,482)	(12.65%)	(83,933)		(83,933)			
Department and School Overheads	(986,542)	88,866	(897,676)	(26.75%)	(177,486)		(177,486)			
Overheads Unique to a Function	106,704	22,385	129,089	3.85%	25,545		23,604	\$ 1,941		
Academic Support	74,854	22,084	96,938	2.89%	19,175		18,945	230		
Student Services	(210,741)	16,679	(194,062)	(5.78%)	(38,350)		(6,520)	(4,909)	\$(26,921)	
Independent Operations	(208,896)	11,066	(197,830)	(5.90%)	(39,147)					\$(39,147)
Institutional Support	(640,952)	44,441	(596,511)	(17.78%)	(117,970)	\$(29,846)	(14,392)	(73,732)		
Systems Office	(56,628)	2,903	(53,725)	(1.60%)	(10,616)					(10,616)
	<u>\$(3,791,365)</u>	<u>\$435,748</u>	<u>\$(3,355,617)</u>	<u>(100.0%)</u>	<u>\$(663,500)</u>	<u>\$(29,846)</u>	<u>\$(480,500)</u>	<u>\$(76,470)</u>	<u>\$(26,921)</u>	<u>\$(49,763)</u>
					100.0%	4.50%	72.42%	11.52%	4.06%	7.50%

¹ Appendix A, Table 2, Column 4

SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE
 DISTRIBUTION OF COMPARATIVE COST ANALYSIS
 BASE REDUCTION TO FUNCTIONAL AREAS
 AFTER APPLYING ENTIRE TWO PERCENT TOLERANCE ALLOWANCE
 TO DIRECT INSTRUCTION AND INCLUDING UNDERFUNDED AREAS
 2/21/80

	Funding Difference ¹	2% Tolerance Allowance	Funding Difference After Tolerance	Percent to Total	Distribut. of Base Reduction	Model V Distribution to Internal Functional Areas (Schedule A)				
						President's Administra- tive Area	Academic Affairs	Business Affairs	Student Affairs	Other
Direct Instruction	\$(1,450,393)	\$435,748	\$(1,014,593)	(30.24%)	\$(200,642)		\$(200,642)			
Indirect Instruction	26,358	--	26,358	.79%	5,242		5,242			
Departmental Research	(445,129)	--	(445,129)	(13.27%)	(88,046)		(88,046)			
Department and School Overheads	(986,542)	--	(986,542)	(29.40%)	(195,069)		(195,069)			
Overhead Unique to a Function	106,704	--	106,704	3.18%	21,099		19,495	\$ 1,604		
Academic Support	74,854	--	74,854	2.23%	14,796		14,618	178		
Student Services	(210,741)	--	(210,741)	(6.28%)	(41,668)		(7,084)	(5,334)	(29,250)	
Independent Operations	(208,896)	--	(208,896)	(6.22%)	(41,270)					\$(41,270)
Institutional Support	(640,952)	--	(640,952)	(19.10%)	(126,729)	\$(32,062)	(15,461)	(79,206)		
Systems Office	(56,628)	--	(56,628)	(1.69%)	(11,213)					(11,213)
	<u>\$(3,791,365)</u>	<u>\$435,748</u>	<u>\$(3,355,565)</u>	<u>(100.0%)</u>	<u>\$(663,500)</u>	<u>\$(32,062)</u>	<u>\$(466,947)</u>	<u>\$(82,758)</u>	<u>\$(29,250)</u>	<u>\$(52,483)</u>
					100.0%	48.3%	70.38%	12.47%	4.41%	7.91%

¹ Appendix A, Table 2, Column 4