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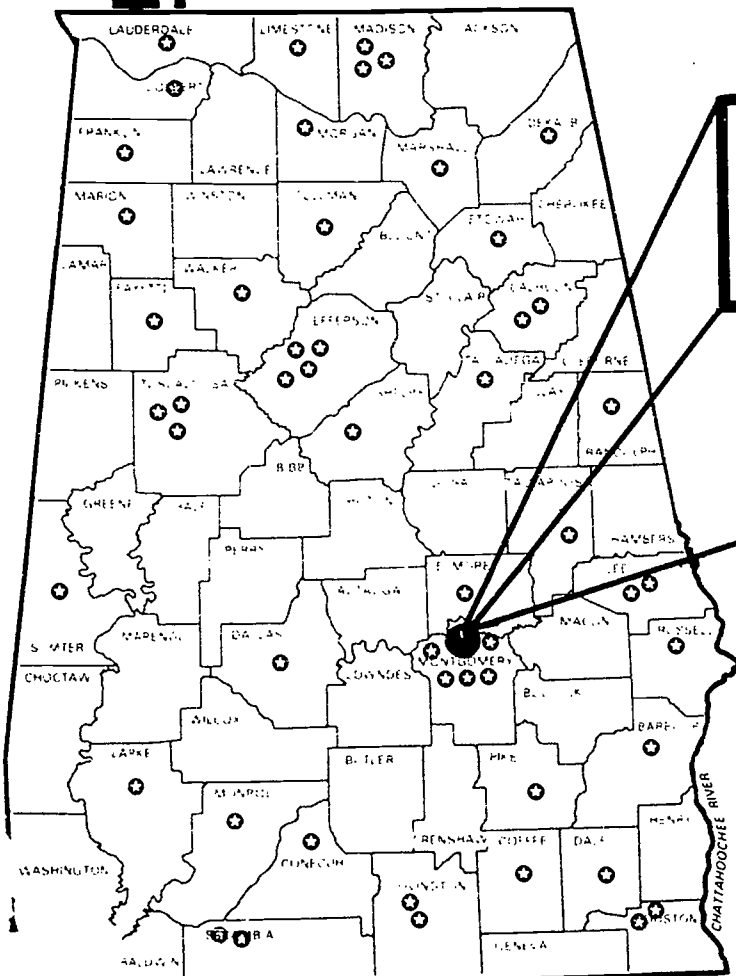
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ABSTRACT

This document presents funding proposals from the Alabama Commission on Higher Education. Individual sections present the following: (1) the executive summary of the 1988-89 Unified Budget Recommendations; (2) a detailed presentation of the Higher Education Unified Budget Recommendations Program for the 1986-87 and 1987-88 appropriations and the 1988-89 requests, needs, and recommendations; (3) the funding formulas used; (4) the funding formula supporting data for senior institutions; (5) the funding formula supporting data for 2-year institutions; (6) the allowances for facilities renewal; and (7) the critical capital needs that exist in Alabama public higher education. Funding recommendations include an increase of approximately 12 percent in total funds available above the 1987-88 appropriation, a large increment of funds to the Network of Alabama Academic Libraries, and a temporary modest increase in funding to Alabama A&M University and Alabama State University. Also targeted for higher funding levels are several scholarship programs. It is noted that these increases are desirable in order to receive the highest federal matches available and to meet the increasing needs of students for financial aid. The Commission also recommends a \$1 million increase for the Experimental Program to Stimulate Competitive Research, and funding for four private postsecondary institutions (Marion Military Institute, Sylacauga School of Nursing, Talladega College, and Walker College). (GLR)

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Unified Budget Recommendations



**Alabama Commission
on Higher Education**

1988-89

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ALABAMA COMMISSION ON HIGHER EDUCATION

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Joseph T. Sutton
Executive Director

ALABAMA COMMISSION ON HIGHER EDUCATION

UNIFIED BUDGET RECOMMENDATIONS
FOR FISCAL YEAR 1988-89

DECEMBER, 1987

"..... The Commission shall receive, evaluate and coordinate budget requests for the public institutions of higher education of this State, shall hold open hearings on the budget requests of the separate institutions and shall present to each institution and to the governor and the legislature, a single unified budget report containing budget recommendations for separate appropriations to each of the institutions. The consolidated budget and analysis of the Commission shall be accompanied by the original requests and their justifications as submitted by each institution. The recommendations of the funding needs of each of the universities, as presented to it by the presidents, which assessment may include, but shall not be limited to, derived conclusions that may be based upon standard techniques of objective measurement, need and unit cost figures arrived at through the use of comparative and verified data secured from the various institutions, applied in an impartial and objective manner, and comparison shall be made not only between similar functions of institutions in Alabama but also between Alabama institutions and similar functions of institutions located in other states, provided that nothing herein shall be construed to prohibit any institutions of higher education in this state from submitting any matter pertaining to the financial operation and needs of said institution to the legislature or to the governor at any time....."

ACT 79-461 Section 9

Alabama Commission on Higher Education

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We are pleased to transmit the Unified Higher Education Budget Recommendations to Governor Guy Hunt and to the Alabama Legislature.

In important ways, these proposals represent the potential for significant reform in educational budgeting in the state of Alabama. We believe this budget demonstrates that higher education in Alabama is emerging from a period of unplanned growth and untrammelled political opportunism.

These proposals are more than just suggestions for the distribution of funds, they show clearly that it is possible to devise a more coherent, orderly, and effective approach to higher education. However, these bright prospects for changes will require new political foundations to the higher education budgeting process.

The possibility of a budget session free from the lobbying and controversy that has recently characterized the higher education sector is within your grasp. I assure you that this is the hope of the college presidents and the Commission on Higher Education.

The Council of College and University Presidents has voted to support the allocation of funds as outlined in this document and unanimously adopted by the Alabama Commission on Higher Education. This historic agreement is contingent upon three reasonable propositions:

Chairman: Jane McDonald-Vice Chairman: Clyde Foster-Executive Director: Joseph Sutton
Katie D. Espy-James D. Grady, III-Charles F. Horton-Ken L. Lott
Steve Means-Borden Morrow-Frank Nix-Richard A. Pizitz-Philip A. Sellers-Bob Word

1. The traditional proportionate division of projected SETF resources between K-12 and higher education be maintained.
2. A full review and revision of Alabama's funding policies for higher education be conducted by the Commission, the Council of University and College Presidents and the Executive and Legislative leadership prior to the 1989 session.
3. The appropriation of funds for FY-1988-89 on the basis of the "Index" of each university's recommended amount, should the available money not match the Commission's projections, and the replacement of the multitude of line items now in the budget with aggregated amounts for each institution located in a single line.

Never before has the Commission advanced a budget recommendation that holds so much promise for constructive changes in higher education and it is that realization that allows us to look forward to the 1988 Legislative Session with uncommon hope and satisfaction.

Respectively Submitted,


Joseph T. Sutton
Executive Director

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SECTION A
1988-89 UNIFIED BUDGET RECOMMENDATIONS

EXECUTIVE SUMMARY

1988-89 Unified Budget Recommendations

As prescribed by Act 79-461, Section 9, the Commission has evaluated the budget requests submitted by the senior public institutions of higher education and the Chancellor of the Junior and Postsecondary Vocational and Technical Education Systems and at its meeting on December 18, 1987 reached two sets of funding recommendations for all of higher education for fiscal year 1988-89. The first recommendation (column (4) of the following Executive Summary table.) is a statement of the Commission's estimate of the basic financial requirements necessary to support the institutions and programs at the appropriate Regional Standard. The second (identified as the "Recommended Budget" columns (5)-(7)) is a funding proposal that takes into account the fact that the Alabama Special Education Trust Fund revenues available to fund Higher Education in 1988-89 may be below the "Regional Standard" total of \$692,252,759.

The Commission approved this recommendation by unanimous vote of the 10 members present at the December meeting. The Commission members believe that this document reflects the best compromise possible between the documented needs, as outlined in the "Regional Standards" column and the expected level of available funds. The Commission has assumed that the distribution of funds between higher education and the elementary/secondary systems will remain the same as that of 1987-88. Given the

attention to the continuing issue of local taxation and school system support, this assumption should stand pending a review of all educational funding.

"Needs" Recommendations:

The "Needs" recommendations, or "Regional Standards", are based on the following:

- (1) The institutional Regular Academic Program, or "O&M", amounts are the products of the Commission's funding formulas for regular academic programs, at the level of the mean of the Southern Region states.

- (2) The "O&M" amounts shown for the schools of medicine, dentistry, and optometry at UAB, UA, and USA are derived from the formulas used for a number of years to determine funding needs for these schools. (UAB submitted with its budget requests estimates calculated by the "HPPARS" (Health Professions Program Appropriations Request System) process, a much more sophisticated representation of needs for the health professions programs. The Commission concurs that this process better reflects the costs of the present programs, but was unwilling to base its recommendation on HPPARS without further review and exposure to the other senior institutions.)

- (3) The amounts shown for the AU School of Veterinary Medicine "O&M" and the Alabama Agriculture Experiment Station and Coopera-

tive Extension Service "O&M" are, as last year, the results of revised algorithms that compare these activities with comparable programs in the other southern states. The background and derivation of these algorithms are explained in Section C, headed "Funding Formulas".

(4) The amounts shown for the UAB and USA hospitals "O&M" are based on the per-bed calculation used in former budget recommendations.

(5) Facilities renewal needs are based on the Commission staff's formula for estimating facilities renewal allowances and backlogs, shown in Section F of this document.

(6) All other "line items" have been carried forward from their fiscal year 1987-88 funding level escalated by an inflation factor of 20%, except for "Capital Outlay" items, which were excluded in favor of the facilities renewal needs outlined above. For a systematic statement of capital needs of all institutions, see Section G of this document.

Modified Funding Recommendations:

In the absence of firm projections of ASETF revenues for 1988-89, the Commission has assumed an increase in total funds available of approximately 12% above the 1987-88 appropriation. The Commission has also recommended that, in the event that later revenue projections make a different level of funding appropriate, the recommendations in this document be adjusted on the basis of a set of indices, shown on page A-9 of this Executive Summary, which will preserve the desired relationships among the institutions, agencies, and programs.

The Commission's recommendations reflect its conviction and policy that the instructional programs should take precedence, in times of budget constraints, over most other activities in higher education.

(1) Although Facilities Renewal, along with Capital Needs, increasingly becomes a critical funding need, neither is carried forward to the Recommended Budget columns. The Commission continues to endorse treatment of all capital needs for the several institutions via processes ancillary to the regular appropriations bill.

An indexed proportion of projected new funds was determined for each institution based upon the "Needs" (or "Regional Stan-

dard") Recommendation. Those funds were then distributed into the major sectors (Regular Academic Program O&M, First Professional O&M, Research & Public Service, AES/CES, etc.) in the same distribution as the "Regional Standard" differed from current appropriations.

(2) The above process produced total funding recommendations for A&M and ASU which were substantially less than the 1987-88 appropriations. Because of this sharp reduction, and because these three universities have been funded for several years at levels higher than the amounts generated by the formula, the Commission recommends special "O&M adjustments" sufficient to provide a 3.8% increase over the 1987-88 appropriations for these two institutions. The Commission considers these adjustments as temporary, and proposes that the circumstances at each university be studied further, to determine what, if any, programs or needs generate ongoing special appropriations.

(3) Other Higher Education:

- Several scholarship programs are recommended for funding at higher levels. These increases are desirable in order to receive the highest federal matches available and to meet the increasing needs of students for financial aid.

- The Network of Alabama Academic Libraries lost ground in 1986-87. A large increment is recommended because of the importance of this program to all institutions.

- There is also an apparent \$1,000,000 increase for the Experimental Program to Stimulate Competitive Research (EPSCoR). EPSCoR was funded for \$1,000,000 and conditionally funded for \$1,000,000 more in FY 1987-88. In order to meet the original agreement with the National Science Foundation, (\$6,000,000 over a three year period), EPSCoR must receive the conditional appropriation amount plus an additional 2,000,000 in FY 1988-89 to receive the full amount of the federal grant.

- The Commission again recommends that funding for four private postsecondary institutions (Marion Military Institute, Sylacauga School of Nursing, Talladega College, and Walker College) be discontinued, and that these institutions' students be made eligible for the Alabama Educational Grant Program. This recommendation is offered in the interest of equity among the state's private institutions, not to reflect on the quality of the programs offered by any of the four. No other private college or university in Alabama, and very few in the entire South, receives direct appropriations from the State. (Tuskegee University is excepted because as an institution benefiting under the land grant act, it performs as a quasi-state university.)

ALABAMA COMMISSION ON HIGHER EDUCATION
UNIFIED BUDGET RECOMMENDATION
1988-89

EXECUTIVE SUMMARY

	1987-88		REQUESTS		REGIONAL		ACHE BUDGET RECOMMENDATION				PERCENT OF 1988-89 STANDARD
	ACTUAL APPROPRIATION (1)	TOTAL (2)	% CHANGE OVER 1987-88 (3)	STANDARD TOTAL* (4)	TOTAL (5)	INCREASE (6)	PERCENT INCREASE (7)	INDEX (8)	PERCENT OF 1988-89 STANDARD		
A&M	15,250,263	30,366,802	99.12	14,489,617	15,837,763	587,500	3.85	0.0259177	109.30%		
ASU	15,177,261	19,868,300	30.91	10,604,531	15,764,761	587,500	3.87	0.0257983	148.66%		
ASC	2,761,217	4,046,011	46.53	3,846,007	3,207,925	446,708	16.18	0.0052496	83.41%		
AU System	105,851,398	149,696,174	41.42	148,142,543	123,491,570	17,640,172	16.67	0.2020880	83.36%		
JSU	16,019,205	18,765,466	17.14	19,529,569	17,564,746	1,545,541	9.65	0.0287439	89.94%		
LU	5,384,820	8,291,940	53.99	5,631,448	5,779,061	394,241	7.32	0.0094572	102.62%		
TSU System	15,184,145	19,760,665	30.14	20,293,626	17,288,190	2,104,045	13.86	0.0282913	85.19%		
UA System	185,294,777	230,696,557	24.50	233,397,100	205,477,948	20,183,171	10.89	0.3362548	88.04%		
UM	8,877,840	11,576,603	30.40	10,152,296	9,602,651	724,811	8.16	0.0157143	94.59%		
UNA	12,234,672	14,473,141	18.30	14,379,439	13,217,871	983,199	8.04	0.0216304	91.92%		
USA	36,472,080	50,968,916	39.75	47,443,864	40,990,177	4,518,097	12.39	0.0670785	86.40%		
Senior Institutions	418,507,678	558,510,575	33.45	527,910,040	468,222,664	49,714,986	11.88	0.7662239	88.69%		
ADPE System	112,960,964	173,158,333	53.29	148,729,327	126,379,721	13,418,757	11.88	0.2068144	84.97%		
All Institutions	531,468,642	731,668,908	37.67	676,639,367	594,602,385	63,133,743	11.88	0.9730383	87.88%		
Comm on Higher Educ											
-Operations	1,203,718	1,261,489	4.80	1,261,489	1,261,489	57,771	4.80	0.0020644			
-Statewide Pgms.	10,713,100	11,735,828	9.55	11,694,838	10,953,300	240,200	2.24	0.0179246			
Other Higher Educ	2,387,254	2,968,525	57.60	2,968,525	2,623,900	236,646	9.91	0.0042939			
Private Schools:**	1,220,577	1,475,443	20.88								
Tuskegee Univ.	1,463,219	9,645,350	559.19	1,637,036	1,637,036	173,817	11.88	0.0026789			
All Higher Educ	548,456,510	758,755,343	38.34	694,201,256	611,078,100	63,842,177	11.42	1.0000000			
FICA											

* Historically designated as the "Needs" budget. Facilities Renewal computation may cause the Regional Standard calculation to appear greater than specific institutional requests.
** These wholly-private schools are recommended for inclusion in the Alabama Educational Grant Program instead of direct appropriations.



ALABAMA COMMISSION ON HIGHER EDUCATION
 UNIFIED BUDGET RECOMMENDATION
 1988-89

Summary By Major Categories

	Reg Acad Pgm	1st Prof Hlth	Operations & Maintenance AES/CES	Hospital	Regular	Health Rel'd	Agricultural	Total All Categories
A&M	15,345,000				108,300		384,400	15,837,700
ASU	15,666,000				98,700			15,764,700
ASC	3,207,900							3,207,900
AU	61,525,300	9,088,800	32,578,400		7,074,600	270,000	1,054,400	111,591,500
AUM	11,247,500				652,600			11,900,100
AU System	72,772,800	9,088,800	32,578,400		7,727,200	270,000	1,054,400	123,491,600
JSU	16,861,800				702,900			17,564,700
LU	5,759,700				19,300			5,779,000
TSU	12,231,900				705,900			12,937,800
TSUO	2,089,700							2,089,700
TSUM	2,151,500				109,300			2,260,800
TSU SYSTEM	16,473,100				815,200			17,288,300
UA	53,543,100	2,991,000			13,864,100	2,214,600		72,612,800
UAB	46,011,600	41,488,200		8,163,800	3,112,400	10,643,400		109,419,400
UAH	15,976,800	3,227,400			3,049,700	1,191,900		23,445,800
UA System	115,531,500	47,706,600		8,163,800	20,026,200	14,049,900		205,478,000
UM	9,602,700				393,300			9,602,700
UNA	12,824,600				306,900	1,256,400		13,217,900
USA	24,579,400	12,449,000		2,398,500	4,314,500			30,990,200
Two-year Sys	122,065,200							126,379,700
All Institutions	430,689,700	69,244,400	32,578,400	10,562,300	34,512,500	15,576,300	1,438,800	594,602,400
Commission on Higher Education								
- Operation	1,261,500							1,261,500
- Statewide Pgms	10,953,300							10,953,300
Other Higher Educ	2,623,900							2,623,900
Tuskegee Institute	1,637,000							1,637,000
All Higher Educ	447,165,400	69,244,400	32,578,400	10,562,300	34,512,500	15,576,300	1,438,800	611,078,100



ALABAMA COMMISSION ON HIGHER EDUCATION
UNIFIED BUDGET RECOMMENDATION
1988-89

Indexes By Major Categories

	Reg Acad Pgm	1st Prof Hlth	Operations & Maintenance	Hospital	Regular	Health Rel'd	Agricultural	Total All Categories
A&M	0.0251114				0.0001772		0.0006291	0.0259176
ASU	0.0256367				0.0001615			0.0257982
ASC	0.0052496							0.0052496
AU	0.1006832	0.0148734	0.0533130		0.0115772	0.0004418	0.0017255	0.1826141
AUM	0.0184060				0.0010679	0.0000000		0.0194739
AU System	0.1190892	0.0148734	0.0533130		0.0126452	0.0004418	0.0017255	0.2020881
JSU	0.0275935				0.0011503			0.0287438
LU	0.0094255				0.0000316			0.0094571
LSU	0.0200169				0.0011552			0.0211721
TSUD	0.0034197							0.0034197
TSUM	0.0035208				0.0001789			0.0036997
TSU SYSTEM	0.0269574				0.0013340			0.0282915
UA	0.0876207	0.0048946			0.0226879	0.0036241		0.1188274
UAB	0.0752958	0.0678934		0.0133597	0.0050933	0.0174174		0.1790596
UAH	0.0281453	0.0052815			0.0049907	0.0019505		0.0383679
UA System	0.1890618	0.0780696		0.0133597	0.0327719	0.0229920		0.3362549
UM	0.0157144							0.0157144
UNA	0.0209868				0.0006436			0.0216305
USA	0.0402230	0.0203722		0.0039250	0.0005022	0.0020560		0.0670785
Two-year Sys	0.1997538				0.0070605			0.2068143
All Institutions	0.7048030	0.1133151	0.0533130	0.0172847	0.0564781	0.0254899	0.0023545	0.9730383
Commission on High								
- Operation	0.0020644							0.0020644
- Statewide Pgms	0.0179246							0.0179246
Other Higher Educ	0.0042939							0.0042939
Tuskegee Institute	0.0026789							0.0026789
All Higher Educ	0.7317647	0.1133151	0.0533130	0.0172847	0.0564781	0.0254899	0.0023545	1.0000000



SECTION B

HIGHER EDUCATION UNIFIED BUDGET RECOMMENDATION
PROGRAM DETAIL:

1986-87 AND 1987-88 APPROPRIATIONS
1988-89 REQUESTS, NEEDS, AND RECOMMENDATIONS

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriation	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
Alabama A&M University							
Regular Academic Program							
O&M-Regular	\$12,632,976	\$14,509,706	\$15,960,677	10.00	12,362,400	12,362,400	
O&M-Supplement						2,982,600	
O&M Total						15,345,000	
Instructional Augmentation:							
Vocational Teach.Ed.(Instr)	266,107	266,107	500,000	87.89			
Educational Enhancement	1,000,000						
AL. Ctr. for Higher Educ.	100,000						
International Program			250,000				
Adult & Continuing Education			100,000				
Subtotal: Instr. Aug.	1,366,107	266,107	850,000	219.42	319,328		
Subtotal: Reg. Acad. Prog. O&M	13,999,083	14,775,813	16,810,677	13.77	12,681,728	15,345,000	3.85
Research and Public Service							
Cereal Research Institute			1,022,400				
Remote Sensing Center			886,475				
Center for Laser Research			1,350,000				
Black Archives/Museum		75,000	225,000	200.00			
Research			3,500,000				
Subtotal: Res. & Pub. Service		75,000	6,983,875	9,211.83	90,000	108,300	44.40
Ag. Research & Extension							
Cooperative Ext. & Research	399,450	399,450	1,500,000	275.52			
Food Research Institute			1,280,425				
Poultry Research Center			589,650				
Agri. Mkt. & Finance Res. Ctr.			528,250				
Small Livestock Research			1,108,650				
Basic Family Needs Center			565,275				
Subtotal: Ag. Res. & Ext.	399,450	399,450	5,572,250	1,294.98	479,340	384,400	-3.77

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
Alabama A&M University - Continued							
Other							
Capital Outlay *	750,000		1,000,000				
Facilities Renewal*					1,238,549		
Subtotal: Other	750,000		1,000,000		1,238,549		
Total: Al. A&M University	\$15,148,533	\$15,250,263	\$30,366,802	99.12	\$14,489,617	\$15,837,700	3.85
FICA			1,554,249				
			\$31,921,051				

* Recommendations for facilities requirements are made for facilities renewal only. Capital funds requirements are treated in the ACHE report Critical Capital Needs of Alabama Public Higher Education, (see Section G).

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriation	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
Alabama State University							
Regular Academic Program	\$11,500,000	\$14,892,147	\$18,453,300	23.91	9,210,000	9,210,000	
O&M-Regular						6,456,000	
O&M-Supplement						15,666,000	
O&M Total							
Instructional Augmentation:							
Educ. Radio Station	190,076	190,076	210,000	10.48			
Educ. Enhancement	1,614,886						
Tutorial & Dev. Studies	600,000						
AL. League for Adv. of Educ.	50,000		500,000				
Library Enhancement							
Improvement of Instruction and Learning			250,000				
Faculty Development Fund			200,000				
Subtotal: Instr. Augmentation	2,454,962	190,076	1,160,000	510.28	228,091		3.87
Subtotal: Reg. Acad. Prog. O&M	13,954,962	15,082,223	19,613,300	30.04	9,438,091	15,666,000	
Research and Public Service							
Public Service Ctr. (Pub. Ser.)	95,038	95,038	105,000	10.48			
Small Business Development Ctr			150,000				
Subtotal: Research & Pub. Serv	95,038	95,038	255,000	168.31	114,046	98,700	3.85
Other							
Capital Outlay*	908,253						
Deferred Maintenance R&PS							
Facilities Renewal*							
Subtotal: Other	908,253						
							1,052,394
							1,052,394

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Alabama State University - Continued						
Total: Alabama State Univ.	\$14,958,253	\$19,868,300	30.91	\$10,604,531	\$15,764,700	3.87
FICA						
		1,791,030				
		\$21,659,330				

* Recommendations for facilities requirements are made for facilities renewal only. Capital funds requirements are treated in the ACHE report Critical Capital Needs of Alabama Public Higher Education, (see Section G).

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
Athens State College							
Regular Academic Programs	\$2,715,421	\$2,761,217	\$3,760,000	36.17	3,581,300	3,207,900	
O&M							
Instructional Augmentation:							
Special O&M Allowance			36,011				
Workmen's Compensation			100,000				
Quality Enhancement			136,011				
Library Enhancement			3,896,011				
Subtotal: Instr. Aug.				41.10	3,581,300	3,207,900	16.18
Subtotal: Reg. Acad. Prog. O&M	2,715,421	2,761,217	3,896,011				
Other							
Equipment*			150,000				
Facilities Renewal*					264,707		
Total: Athens State College	\$2,715,421	\$2,761,217	\$4,046,011	46.53	\$3,846,007	\$3,207,900	16.18
FICA			327,188				
State Appropriated FICA			\$4,373,199				
			7,827				
			\$4,381,026				

* Recommendations for facilities requirements are made for facilities renewal only. Capital funds requirements are treated in the ACHE report Critical Capital Needs of Alabama Public Higher Education, (see Section G).

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87	1987-88	1988-89	% Change over	ACHE 88-89	ACHE 1988-89	Recommended
	Appropriation	Appropriation	Request	87-88 Approp.	Needs	Recommended	% Change over
					(Formula)	Budget	1987-88 Approp.
Auburn University							
Regular Academic Programs							
O&M-AU	\$51,780,578	\$52,630,084			69,846,500	61,525,300	
O&M-AUM	10,187,916	10,365,737			12,186,600	11,247,500	
Total - O&M	61,968,494	62,995,821	83,940,297	33.25	82,033,100	72,772,800	15.52
Research, Service, & Extension-AU							
Ctr-Voc & Adult Ed.	523,606	523,606					
School of Forestry-Ed Center	125,000	175,000					
- R&D							
Truman Pierce Institute	90,000	90,000					
Architecture & Indust Design	100,000	100,000					
Energy Research	269,955	269,955					
Engineering Experiment Sta.	1,116,109	1,116,109					
Food Animal Hlth & Dis. Res.	333,900	333,900					
Adv. Mfg. Tech. Center	400,000	400,000					
Dev. of Genetic Engr. Appl.	400,000	400,000					
Research Library Enhancement	400,000	400,000					
Highway Research Center*	250,000	250,000					
Pulp & Paper Research Prog.	300,000	300,000					
Textile Engineering Dept.	100,000	200,000					
Pub.Serv., Res. & Extension	548,936	548,936					
Int'l Comm & Ind'l Dev	200,000	200,000					
Educational Television	368,727	368,727					
Ralph Draughon Library	734,000	734,000					
Nursing Scholarships - AU	18,000	18,000					
Clinical Psychology	115,205	115,205					
Marine Aquaculture							
Water Resources Res. Institute							
AL. Apparel & Textile Ctr.							

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriation	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
Auburn University- Continued							
Advanced Power Technology							
Plant Science Center							
Minority Faculty Dev. Prog.							
Research, Service, & Extension-AU	6,393,438	6,543,438	9,107,651		7,852,126	7,074,600	8.12
Research, Service, & Extension-AUM							
Public Svc & Ext - I	454,282	454,282					
Com. Health Sci Institute	51,321	51,321					
Library Enhancement - AUM	80,000	80,000					
Nursing Scholarships - AUM	18,000	18,000					
Research, Service, & Extension-AUM	603,603	603,603	780,000		724,324	652,600	8.12
New Research, Public Serv. & Ext							
Al. History & Heritage Prog.							
Center for Aging							
AUM CPM Program							
AUM Ctr for Rehab Svcs							
AUM Mgmt Development Institute							
Subtotal: New Lines			3,215,692				
First Professional Health							
Veterinary Medicine-O&M	6,876,287	6,876,287	13,000,000	89.06	11,994,659	9,088,800	
Deferred Maintenance			200,000				
Vet. Teaching Hosp. & Clinic	270,000	270,000			324,000	270,000	
1ST Prof'l Health O&M	7,146,287	7,146,287	13,200,000	84.71	12,318,659	9,358,800	30.96

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests and Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriation	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
Auburn University							
Other							
Facilities Renewal - AU*					4,978,040		
Facilities Renewal - AUM*					351,709		
Equipment*	50,000						
Total	50,000				5,329,749		
Sub-Total: Auburn Univ. System	\$76,161,822	\$77,289,149	\$110,243,640	42.64	\$108,257,957	89,808,800	16.26
FICA			7,141,544				
Auxiliary Enterprises State Appropriated FICA			117,385,184				
			645,875				
			\$118,031,059				
Agriculture Exp. Station System							
Operations & Maintenance	12,303,341	12,389,173			16,994,854	14,793,900	
Poultry Dev. Prog.	475,190	475,190			570,228	513,800	
Catfish Research	100,000	200,000			240,000	216,200	
Total	12,878,531	13,064,363	17,634,705	34.98	17,805,082	15,523,900	
AES New Lines							
Cattle Industry Development							
Total: New Lines			500,000				
Facilities Renewal					438,519		
Total: AES	12,878,531	13,064,363	18,134,705	38.81	18,243,601	15,523,900	18.83

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriation	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
Auburn University- Continued							
Cooperative Extension Service							
Operations & Maintenance	12,898,407	13,326,506	21,067,829	58.09	20,760,779	15,913,100	
Employee Retirement	1,871,380	1,871,380				1,871,400	
Limestone Co. Coop. Ext. Serv.	207,000						
Subtotal: O&M	14,976,787	15,197,886	21,067,829	38.62	20,760,779	17,784,500	
CES - Supplemental:							
ERS Extension Comm. Network	300,000	300,000					
Subtotal: CES-Supplemental	300,000	300,000			360,000	324,400	
CES Other							
Deferred Maintenance			250,000		520,206		
Facilities Renewal*							
Total: CES	15,276,787	15,497,886	21,317,829	37.55	21,640,985	18,108,900	16.85
TOTAL: AES/CES	28,155,518	28,562,249	39,452,534	38.13	39,884,586	33,632,800	17.75
FICA			826,778				
			\$40,279,312				
TOTAL: AUBURN UNIVERSITY SYSTEM	\$104,317,140	\$105,851,398	\$158,310,371	49.56	\$148,142,543	\$123,491,600	16.67

* Recommendations for facilities requirements are made for facilities renewal only. Capital funds requirements are treated in the ACHE report Critical Capital Needs of Alabama Public Higher Education, (see Section G).

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
Jacksonville State University							
Regular Academic Programs							
O&M - Main	\$14,549,886	\$14,836,434	16,991,016	14.52	17,024,300	16,861,800	
O&M - Gadsden Ed. Program	339,000	339,000	464,000	36.87			
Instructional Augmentation:							
Volitional Teacher Ed.	107,000	107,000	107,000	0.00			
Sensory Impaired Post-Secondary Program	94,590	94,590	123,450	30.51			
Subtotal: Instr. Augmentation	201,590	201,590	230,450	14.32	241,908		
Subtotal: Research & Prog. O&M	15,090,476	15,377,024	17,685,466	15.01	17,266,208	16,861,800	9.66
Research and Public Service							
UCP Development Ctr. formerly Center for Econ. Development	107,000	300,000	327,500	9.17			
Research & Public Service	94,590	94,590	115,300	21.89			
Develop. Educ. Project	189,591	189,591	223,250	17.75			
Southern Studies Center			236,450				
Community Education Devel.	40,000	40,000	62,750	56.88			
Academic Progress Cert. Prog.			96,750				
Nursing Scholarships	18,000	18,000	18,000	0.00			
Subtotal: Research & Pub. Serv.	749,181	642,181	1,080,000	68.18	770,617	702,900	9.46
Other:							
Facilities Renewal*							
Subtotal: Other							
					1,492,744		
					1,492,744		

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ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Jacksonville State University - Continued							
Total: Jacksonville State	\$15,839,657	\$16,019,205	\$18,765,466	17.14	\$19,529,569	\$17,564,700	9.65
FICA			1,555,803				
			\$20,321,269				
Auxiliary Enterprises State Appropriated FICA			21,914				
			\$20,343,183				

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriation	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
Livingston University							
Regular Academic Programs							
O&M-Regular	\$5,297,815	\$5,366,820	7,622,125	42.02	4,989,700	4,989,700	
O&M-Supplement						770,000	
O&M Total						5,759,700	7.32
Instructional Augmentation:							
Technical Division			651,815		21,600		
Subtotal: Instructional Augm.			651,815		620,148		
Subtotal: Reg. Acad. Prog. O&M	5,297,815	5,366,820	8,273,940	54.17	641,748	19,300	7.22
Other							
Nursing Scholarships	18,000	18,000	18,000				
Facilities Renewal*							
Subtotal: Other	18,000	18,000	18,000	0.00			
Total: Livingston University	\$5,315,815	\$5,384,820	\$8,291,940	53.99	\$5,631,448	\$5,779,000	7.32
FICA			469,596				
Auxiliary Enterprises State Appropriated FICA			13,737				
			\$8,775,273				

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ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriation	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
Troy State University							
Regular Academic Programs - O&M							
O&M - Main	\$9,909,985	\$10,103,022	\$11,431,954		11,583,500	12,231,900	
O&M - Phenix City	635,000	647,875	777,454		794,100		
TSUD O&M - TSU Dothan Ft Rucker	1,637,930	1,675,279	2,269,757		2,411,000	2,089,700	
TSUM O&M-TSU Montgomery	1,505,223	1,536,969	3,075,500		2,808,500	2,151,500	
Instructional Augmentation:							
Nursing (Montgomery)	235,000	235,000	250,000				
Center for Devel. Education	240,000	240,000	300,000				
Library Enhancement			150,000				
Library Enhanc.-Phenix City			150,000				
Library Service Upgrade-TSUM			125,000				
Subtotal Instr. Augmentation:	475,000	475,000	975,000	105.26	570,000		14.09
Subtotal: Reg. Acad. Pgm O&M	14,163,138	14,438,145	18,529,665	28.34	18,167,100	16,473,100	
Research & Public Service							
Research & Public Service	250,000	250,000	300,000				
Public Radio Station	160,000	160,000	200,000				
Ctr. for Environ. Res. & Sci.	200,000	200,000	435,000				
Nursing Scholarships	36,000	36,000	36,000				
Applied Res. & Public Serv.			100,000				
Public Service-Planetarium			60,000				
Davis Theatre-Fine Arts Prog.	100,000	100,000	100,000				
Subtotal: Res. & Public Serv.	646,000	746,000	1,231,000	65.01	895,200	815,200	9.28
Other							
Facilities Renewal*							
Facilities Renewal-TSUD*					1,018,729		
Facilities Renewal-TSUM*					158,208		
Subtotal: Other					54,289		
					1,231,226		

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
Troy State University - Continued							
Total: TSU System	\$14,809,138	\$15,184,145	\$19,760,665	30.14	\$20,293,526	\$17,288,300	13.86
FICA-TSU Main			1,092,377				
TSUD FICA-TSUD			229,000				
TSUM FICA-TSUM			234,752				
FICA TSU System			1,556,129			1,361,433	
			\$21,316,794				

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ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87	1987-88	1988-89	% Change over	ACHE 88-89	ACHE 1988-89	Recommended
	Appropriation	Appropriation	Request	87-88 Approp.	Needs	Recommended	% Change over
					(Formula)	Budget	1987-88 Approp.

The University of Alabama System

REGULAR ACADEMIC PROGRAMS (O&M)

O&M-UA	\$47,474,525	\$48,231,203	59,013,834	22.36	55,412,700	53,543,100	
O&M-UAB							
University College-O&M	22,071,593	22,468,437			26,882,000		
Joint Health Sciences-O&M	4,599,990	4,687,488			7,651,300		
Schl of Hlth Related Prof.-O&M	3,050,575	3,108,593			3,288,000		
Regional Tech. Institute-O&M	2,691,663	2,742,863			2,901,200		
School of Nursing-O&M	5,606,095	5,712,721			6,172,200		
School of Public Health -O&M *	2,867,210	2,921,738			2,484,500		
Subtotal RAP O&M - UAB	40,887,126	41,641,840	50,710,199	21.78	49,379,200	46,011,600	
O&M-UAH	12,607,000	12,919,605			16,606,200		
O&M-UAH School of Nursing	1,090,500	1,090,500			1,341,300		
Subtotal RAP O&M - UAH	13,697,500	14,010,105	16,781,463	19.78	17,947,500	15,976,800	
Regular Acad Pgm O&M Total	102,059,151	103,883,148	126,505,496	21.78	122,739,400	115,531,500	11.21

RESEARCH AND PUBLIC SERVICE

UA:

University Res. Library	544,500	544,500					
Tannehill Learning Center		17,500					
Advoc. Prog.-Develop Disabled	23,756	23,756					
Research and Public Service	5,829,123	5,829,123					
Alabama Poison Control Ctr.	173,250	250,000					
Safe State Program	408,491	408,491					
Alabama Museum of Nat. Hist.	279,488	279,488					
Indust.Mgt.&Mfg.Tech.Prog.	2,970,000	3,070,000					
Computer Res. & Development	668,250	668,250					
School of Mines & Energy Dev.	1,699,636	1,699,636					
Subtotal R&PS-UA	12,596,494	12,790,744	14,018,995	9.60	15,348,893	13,864,100	

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
UA System - continued							
UAB:							
School of Engr. & Business	189,372	189,372					
Ctr. for Adv. of Dev. Indust.	376,388	376,388					
Research Library Enhancement	489,436	489,436					
Center for Labor Ed. & Res.	318,717	318,717					
Urban Res. & Pub. Service	729,342	729,342					
Biomedical Engr. Sciences	163,239	163,239					
Biomed Engr Sci. Research	604,900	604,900					
Subtotal R&PS - UAB	2,871,394	2,871,394	3,041,124	5.91	3,445,673	3,112,400	
UAH							
Ctr. for Robotics	464,000	464,000					
Ctr High Tech Mgt & Econ Rsch	150,000	150,000					
Research Institute	289,023	289,023					
Johnson Environ. & Energy Ctr.	378,000	378,000					
Alabama Solar Energy Ctr.	351,000	351,000					
Developmental Computer Educa.							
Division for Applied Optics	557,600	557,600					
Ctr. for Microgravity Science	464,000	464,000					
SUBTOTAL R&PS - UAH	2,813,623	2,813,623	3,374,000	19.92	3,376,348	3,049,700	8.39
Research & Public Svc Total	18,281,511	18,475,761	20,434,119	10.60	22,170,913	20,026,200	
			3,639,218				
NEW RESEARCH & PUBLIC SERVICE							

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
UA System continued							
HEALTH RELATED R&PS							
UA-Health Related R&PS							
Ctr. Emot'ly Disturb Child'n	521,345	521,345					
Rural Infact Envir. Prog.	183,000	198,000					
Emergency Medical Services	137,784	153,000					
SUBTOTAL HLTH REL R&PS-UA	842,129	872,345	1,010,398	15.83	1,046,814	939,600	
Health Related R&PS - Con't.							
UAB							
System Med. Ed. Program	479,177	479,177					
Montg. Internal Med. Residency	271,574	271,574					
Family Prac. Residency Prog.	1,523,838	1,523,838					
Ctr. for N M R Studies	454,050	454,050					
Dental/Medical Research	142,589	142,589					
Internal Med Development	227,025	250,000					
Hlth-related Res. & Pub.Serv.	2,878,691	2,878,691					
Neuro-Science Research	250,000	250,000					
Multipurpose Arthritis Center	380,285	380,285					
Hypertension Research	380,285	380,285					
Medical Genetics	439,090	439,090					
Diabetic Res(formerly Diabetic Research Center)	188,794	188,794					
Public Hlth.Research Prog.	136,651	136,651					
Virology Laboratory	37,232	37,232					
Congenital Heart Disease	80,912	80,912					
Cystic Fibrosis	80,912	80,912					
Geriatric Serv. & Res Prog.	1,425,888	1,425,888					
Sudden Cardiac Death Res.	162,104	162,104					
Emergency Med. Serv. & Train.	157,329	157,329					
SUBTOTAL HLTH REL R&PS-UAB	9,696,426	9,719,401	12,220,456	25.73	11,663,281	10,560,000	

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriation	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
UA System - continued							
UAH							
Comm. Med. Rural Precep.	31,600	31,600					
Paramedic Training	145,000	145,000					
SUBTOTAL HLTH REL R&PS-UAH	176,600	176,600	211,000	19.48	211,920	179,600	
NURSING SCHOLARSHIPS/LOANS							
Nursing Scholarships-UA	16,136	16,136					
Nursing Schol/Loans-UAB	100,000	100,000					
Nursing Scholarships-UAH	18,000	18,000					
SUBTOTAL NUR SCHOL/LOANS-UA SYS	134,136	134,136	136,453	1.73	160,963	111,900	8.15
HLth Rel R&PS Total	10,849,291	10,902,482	13,578,307	24.54	13,082,978	11,791,100	
NEW HEALTH RELATED R&PS			1,610,000				
FIRST PROFESSIONAL HEALTH -O&M							
Coll. of Comm. Health- UA	2,655,231	2,655,231			3,360,483	2,991,000	
School of Medicine-UAB**	24,671,497	25,140,764			30,970,077	28,019,400	
School of Dentistry-UAB	8,413,592	8,573,627			9,812,539	9,555,300	
School of Optometry-UAB	3,445,888	3,511,430			4,567,881	3,913,500	
Sch. of Primary Med. Care-UAH	3,016,000	3,016,000			3,386,944	3,227,400	
SUBTOTAL FIRST PROF. HLTH -O&M	42,202,208	42,897,052	53,270,912		52,097,924	47,706,600	11.21
HLTH. CARE FACILITIES/CLINICS							
Capstone Medical Center-UA	1,043,458	1,043,458					
High Risk Nursery-UA	111,159	111,159					
Medical Clinics-UAH	905,000	905,000					
SUBTOTAL HLTH CARE FAC/CLINICS	2,059,617	2,059,617	3,737,475	81.46	2,471,540	2,258,800	9.67

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education: 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriation	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
UA System - continued							
HOSPITALS							
UAB - Hospital - O&M	5,934,192	5,934,192	7,021,030	18.31	6,218,919		
Pediatrics/Child. Hosp-UAB O&M	1,142,525	1,142,525			1,195,946		
Hospitals O&M Total	7,076,717	7,076,717	7,021,030		7,414,865	8,163,800	15.36
ALL OTHER							
Facilities Renewal-UA***			900,000		5,573,275		
Facilities Renewal-UAB***					6,963,499		
Facilities Renewal-UAH***			900,000		882,505		
Subtotal: All Other			900,000		13,419,279		
TOTAL: UA SYSTEM	182,528,495	185,294,777	230,696,557		233,396,900	205,478,000	10.89
FICA			22,764,576				
Auxiliary Enterprises State Appropriated FICA			\$253,461,133				
			898,514				
			\$254,359,647				
Alabama Special Mental Health Fund			4,708,090				

* Includes \$1.2 million transferred from School of Medicine.

** Includes \$821.00 for Family Practice Clinic.

*** Recommendations for facilities requirements are made for facilities renewal only. Capital funds requirements are treated in the ACHE report Critical Capital Needs of Alabama Public Higher Education, (see Section G).

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
University of Montevallo							
Regular Academic Programs							
O&M-Regular	\$7,940,668	\$8,066,536	\$9,137,539	13.28	\$8,321,000	\$8,321,000	
O&M-Supplement						1,281,700	
O&M Total						9,602,700	
Instructional Augmentation:							
School for Aphasic Children (Ctr. for the Study of Comm. Sci. and Disorders)	245,653	245,653	402,687	63.93			
School of Business (Ctr. for Excel. in Bus. Educ.)	329,883	329,883	759,345	130.19			
Ctr. for Microcomp. in Educ.			140,000				
Ctr. for Excel-Teach Educ			160,000				
Highway Safety Program (AL Traffic Safety Ctr.)	124,826	124,826	171,194	37.15			
ETV Center (Mass Comm. Ctr)	85,942	85,942	245,838	186.05			
Ctr. for Excel-Ungnd Lib Std	25,000	25,000	500,000	1,900.00			
Ctr. for Excel in Fine Arts			60,000				
Subtotal: Instr. Augmentation	811,304	811,304	2,439,064	200.64	973,565		
Subtotal: Reg. Acad. Prog. O&M:	8,751,972	8,877,840	11,576,603	30.40	9,294,565	9,602,700	8.16
Facilities Renewal*					857,731		

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriation	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
University of Montevallo - Continued							
Total: Univ. of Montevallo	\$8,751,972	\$8,877,840	\$11,576,603	30.40	\$10,152,296	\$9,602,700	8.16
FICA			749,475				
			\$12,326,078				
Auxiliary Enterprises State Appropriated FICA			28,000				
			\$12,354,078				

* Recommendations for facilities requirements are made for facilities renewal only. Capital funds requirements are treated in the ACHE report Critical Capital Needs of Alabama Public Higher Education, (see Section G).

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
University of North Alabama							
Regular Academic Programs							
O&M-Main	\$11,330,256	\$11,534,669	\$13,764,436	19.33	12,392,400	12,378,800	
O&M-Supplement						445,800	
O&M Total						12,824,600	
Instructional Augmentation:							
Res. & Public Service	346,889	346,889	346,889				
Subtotal: Instr Augmentation:	346,889	346,889	346,889		416,267		
Subtotal: Reg Acad Prog O&M	11,677,145	11,881,558	14,111,325	18.77	12,808,667	12,824,600	7.94
Research & Public Service							
Developmental Computer Educ.	95,038	95,038	100,740	6.00			
Ctr. for Bus.Prod.& Relations	190,076	190,076	190,076				
Occupational & Hlth Lab.	50,000	50,000	53,000	6.00			
Nursing Scholarships	18,000	18,000	18,000				
Subtotal: Res. & Public Service	353,114	353,114	361,816	2.46	423,737	393,300	11.38
Other:							
Facilities Renewal*							
Subtotal: Other					1,147,035		
					1,147,035		

* Recommendations for facilities requirements are made for facilities renewal only. Capital funds requirements are treated in the ACHE report Critical Capital Needs of Alabama Public Higher Education, (see Section G).

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
(1)	(2)	(3)	(4)	(5)	(6)	(7)

University of North Alabama - Continued

Total: Univ. of North Alabama	\$12,030,259	\$12,234,672	\$14,473,141	18.30	\$14,379,439	\$13,217,900	8.04
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FICA

1,035,909	\$15,509,050
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Auxiliary Enterprises State Appropriated FICA

16,600	\$15,525,650
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ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
University of South Alabama							
Regular Academic Programs							
O&M-Regular*	\$21,538,804	\$22,121,832	\$27,220,675	23.05	24,639,300		
O&M-Baldwin County Campus	259,454	259,454	310,000	19.48	276,300		
O&M Total						24,579,400	
Instructional Augmentation:							
Paramedic Training Program	141,607	141,607	174,888	23.50			
Research & Inservice Center			172,000				
Minority Recruit & Educ Pgm			400,000				
Subtotal: Intr. Augmentation	141,607	141,607	746,888	427.44	169,928		9.13
Subtotal: Reg. Acad. Prog. O&M	21,939,865	22,522,893	28,277,563	25.55	25,085,528	24,579,400	
Research and Public Service							
Univ. Res. & Public Service	93,137	93,137	115,027	23.50			
AL. Bus. Trans. Program	95,038	95,038	117,375	23.50			
Coastal Environ. & Ec.Svc.Pgm.	95,038	95,038	117,375	23.50			
Industrial Tech. Dev. Prog.			1,500,000				
Subtotal: Res. & Pub. Service	283,213	283,213	1,849,777	553.14	339,856	306,900	8.36
First Professional Health							
College of Medicine - O&M	11,300,335	11,300,335	15,100,000	33.62	13,759,460	12,449,000	
First Prof'l Hlth - Supplemental							
Family Practice Res. Prog.	572,501	572,501	707,055	23.50			
Newborn Growth & Develop.	81,432	81,432	100,571	23.50			
Nursing Scholarships	18,000	18,000	18,000	0.00			

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriation	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
University of South Alabama - Continued							
Subtotal: 1st Prof.Hlth.(Supl)	671,933	671,933	825,626	22.87	806,320	728,100	
Subtotal: 1st Prof. Health O&M	11,972,268	11,972,268	15,925,626	33.02	14,565,780	13,177,100	10.06
Health Related R&PS							
Birth Defects/Genetics Ctr.	201,615	201,615	249,000	23.50			
Dev. Handicapped Serv. Ctr.			500,000				
Cancer Center Development			500,000				
Medical Research & Pub. Serv.	285,859	285,859	353,044	23.50			
(Includes funding for: State-wide Medical Ed., Reproductive Health Sci. Ctr., and Human Clinical Nutrition)							
Subtotal: Health Related R&PS	487,474	487,474	1,602,044	228.64	584,969	528,300	8.38
Hospital							
University Medical Center-O&M	1,206,232	1,206,232	3,313,906	174.73	3,034,713	2,398,500	98.84
Other:							
Facilities Renewal**					3,833,019		
Subtotal: Other					3,833,019		

* Includes Main campus, Nursing, Allied Health and Basic Medical Sciences.
 ** Recommendations for facilities requirements are made for facilities renewal only. Capital funds requirements are treated in the ACHÉ report Critical Capital Needs of Alabama Public Higher Education, (see Section G).

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
University of South Alabama - Continued							
Total: Univ. of South Alabama	\$35,889,052	\$36,472,080	\$50,968,916	39.75	\$47,443,864	\$40,990,200	11.55
FICA			5,533,008				
			\$56,501,924				
Auxiliary Enterprises State Appropriated FICA			121,008				
			\$56,622,932				

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs, and ACHE Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87 Appropriation	1987-88 Appropriations	1988-89 Request	% Change over 1987-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
TOTAL: O & M	\$265,820,063	\$275,529,929	341,684,226	24.01	\$315,166,300	\$296,688,400	7.68
TOTAL: Augmentation	5,797,459	2,432,573	7,536,117	209.80	2,919,087	11,936,100	390.68
TOTAL: Reg. Acad. Prog. (OMM)	271,617,522	277,962,502	349,220,343	25.64	318,085,387	308,624,500	11.03
TOTAL: Research and Pub. Service	27,405,098	27,817,348	48,902,148	75.80	33,380,819	30,178,700	8.49
TOTAL: Ag Research & Extension	27,280,128	27,587,059	44,774,784	62.30	37,755,633	32,578,400	18.09
TOTAL: Ag. Res. & Ext. Suppl.	1,274,640	1,374,640	250,000	-81.81	2,608,293	1,438,800	4.67
TOTAL: First Prof. Health	60,378,830	61,073,674	81,570,912	33.56	78,176,043	69,244,400	13.38
TOTAL: First Prof. Hlth-Supl.	941,933	941,933	825,626	-12.35	806,320	998,100	5.96
TOTAL: Hospitals & Clinics	10,342,566	10,342,566	14,072,411	36.06	12,921,118	12,821,100	23.96
TOTAL: Other Hlth-related Res. & Pub. Service	11,336,765	11,389,956	16,790,351	47.41	13,667,947	12,319,400	8.16

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs, and ACHE Recommendations

1986-87 Appropriation	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1987-88 Appropriations	1987-88 Appropriations	1988-89 Request	1988-89 Request	% Change over 1987-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
TOTAL: Other	1,726,253	18,000	2,104,000	11,588.89	30,508,181	19,300	7.22
GRAND TOTAL: Universities	\$412,303,735	\$418,507,678	\$558,510,575	33.45	\$527,909,741	\$468,222,700	11.88
FICA			45,305,285				
			603,815,860				
Auxiliary Enterprises State Appropriated FICA			1,814,162				
			\$605,630,022				

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ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
Junior College System							
O&M	\$57,838,418	\$57,902,491	75,300,000	30.05	80,731,802		
Gadsden State Community Coll.	300,000	300,000			360,000		
Instructional Augmentation:							
Faculty & Staff Development			550,000				
Workmen's Compensation			603,255				
Library Enhancement	221,245	221,245	250,000	13.00			
Training for Business			1,000,000				
High Tech Equipment	190,076	190,076	250,000	31.53			
Transportation Equipment							
Equipment			3,000,000				
Program Enhancement		255,000	500,000	96.08			
Facility Renewal			5,000,000				
Subtotal: Instr'l Augment'n	411,321	666,321	11,153,255	1,573.86	799,585		
Total Junior College System	58,549,739	58,868,812	86,453,255	46.86	81,891,387	65,562,900	11.37
Postsecondary Voc/Tech Ed System							
O&M	47,327,314	47,370,646	58,700,000	23.92	52,851,807		
Instructional Augmentation:							
Faculty & Staff Development			450,000				
Training for Industry			1,000,000				
Library Enhancement	114,509	114,509	250,000	118.32			
Workmen's Compensation			466,026				

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	1986-87 Appropriation (1)	1987-88 Appropriation (2)	1988-89 Request (3)	% Change over 87-88 Approp. (4)	ACHE 88-89 Needs (Formula) (5)	ACHE 1988-89 Recommended Budget (6)	Recommended % Change over 1987-88 Approp. (7)
Junior College System-Continued							
High Tech Equipment	190,076	190,076	250,000	31.53			
Equipment	50,000	50,000	5,900,000	9,900.00			
Transportation Equipment							
Facility Renewal			5,000,000				
Program Enhancement			500,000				
Advanced Technician Training			7,000,000				
Subtotal: Instr. Augmentation	354,585	354,585	19,916,026	5,516.71	425,502		
Total: PSE Voc/Tech	47,681,899	47,725,231	78,616,026	64.73	53,277,309	53,802,900	12.73
Trenholm - Paramedic Training	130,677	125,000					
Shelton Fire College							
O & M	466,847	466,847	585,082	25.33			
Workmen's Compensation			3,519				
Total Shelton Fire College	466,847	466,847	588,601	26.08	560,216	522,400	11.90
Skills Training & Education Prog			700,000				
Total PSE Voc/Tech Ed. System	106,829,162	107,185,890	166,357,882	55.21	135,728,913	119,888,200	11.85
Postsecondary Education Dept.							
Operations-Chancellor's Office	942,000	817,000	1,119,413	37.02			

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs and Recommendations

	1986-87 Appropriation	1987-88 Appropriation	1988-89 Request	% Change over 87-88 Approp.	ACHE 88-89 Needs (Formula)	ACHE 1988-89 Recommended Budget	Recommended % Change over 1987-88 Approp.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Junior College System-Continued							
St.wide Prog. funded through Postsecondary Dept.							
Program Enhancement/Develop.	95,816	95,816	150,000	56.55			
Prison Education Project	1,000,000	1,000,000	1,952,911	95.29		1,360,000	
Displaced Homemakers' Prog.	150,000	150,000	175,000	16.67			
Subtotal: State Wide Pgms	245,816	1,245,816	2,277,911	82.84			
Total Dept & State-wide Pgms	1,187,816	2,062,816	3,397,324	64.69	2,475,379	2,575,500	24.85

Alabama Ind. Devel. Trng. Inst. Operations	1,712,258	3,712,258	8,296,228	123.48			
Bus/Economic Development Workman's Compensation			6,899				
Total AIDT	1,712,258	3,712,258	8,303,127	123.67	4,454,710	3,916,000	5.49

Facilities Renewal Jr./Tech Sys*					6,070,326		
Total: Jr./Tech. System	109,729,236	112,960,964	178,058,333	57.63	148,729,327	126,379,700	11.88
FICA			8,515,011				
			\$186,573,344				
Auxiliary Enterprises State Appropriated FICA			152,633				
			\$186,725,977				

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs, ACHE Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriations	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1987-88 Recommended Budget	(7) Recommended % Change over 1986-87 Approp.
OTHER HIGHER EDUCATION							
Medical Scholarships Bd.	\$677,000	\$677,000	\$677,000	0.00	\$677,000	\$677,000	0.00
Bd. of Dental Schol. Awards	176,000	176,000	176,000	0.00	176,000	176,000	0.00
Bd. of Optometric Schol. Awards	125,000	125,000	149,000	19.20	149,000	125,000	0.00
Marine Environmental Sciences Consortium	755,553	905,553	1,216,525	34.34	1,216,525	1,065,900	17.71
Alabama Small Business Development Consortium	413,701	413,701	600,000	45.03	600,000	480,000	16.03
Alabama Small Business Procurement System	90,000	90,000	150,000	66.67	150,000	100,000	11.11
Private Colleges & Schools							
Marion Institute	363,382	363,382	429,000	18.06		0	
Sylacauga Nursing	81,979	81,979	84,600	3.20		0	
Talladega College	339,157	339,157	420,000	23.84		0	
Walker College	436,059	436,059	541,843	24.26		0	
Total: Priv. Coll. & Schools	1,220,577	1,220,577	1,475,443	20.88		0	
Tuskegee University	1,463,219	1,463,219	9,645,350	559.19	1,637,000	1,637,000	11.88
Subtotal: Other Higher Educ.	4,921,050	5,071,050	14,089,318	177.84	4,605,525	4,260,900	-15.98

ALABAMA COMMISSION ON HIGHER EDUCATION
Higher Education 1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs, ACHE Recommendations

	(1) 1986-87 Appropriation	(2) 1987-88 Appropriations	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1987-88 Recommended Budget	(7) Recommended % Change over 1986-87 Approp.
COMMISSION ON HIGHER EDUCATION							
Planning & Coordination Services							
Operations	953,681	1,003,681	1,055,909		1,051,851		
Program Evaluation	200,037	200,037	228,940		209,638		
Subtotal: Planning & Coordin.	1,153,718	1,203,718	1,284,849	6.74	1,261,489	1,261,500	4.80
Statewide Prog. funded thru ACHE							
SREB	288,967	345,804	413,652	19.62	413,652	410,000	18.56
Network of AL Academic Libraries	580,342	580,342	1,500,000	158.47	1,500,000	962,100	55.78
AL Educational Grant Program (ASGP)	3,016,828	3,016,828	3,933,351	30.38	3,933,351	3,933,400	30.38
AL National Guard Schol. Prog.	200,000	200,000	488,007	144.00	447,000	247,000	23.50
Emerg. Secondary Educ.-Asst.Prog.	1,044,083	1,044,083	1,057,333	1.27	1,057,333	1,057,300	1.27
Chiropractic Scholarships	47,519	47,519	48,103	1.23	48,103	48,100	1.22

ALABAMA COMMISSION ON HIGHER EDUCATION
1986-87 and 1987-88 Appropriations, 1988-89 Requests, Needs, ACHE Recommendations

	(1) 1986-87 Appropriation Appropriations	(2) 1987-88 Appropriations	(3) 1988-89 Request	(4) % Change over 87-88 Approp.	(5) ACHE 88-89 Needs (Formula)	(6) ACHE 1988-89 Recommended Budget	(7) Recommended % Change over 1987-88 Approp.
COMMISSION ON HIGHER EDUCATION - Continued							
Research Enhancement Program	275,000	275,000	287,925	4.70	287,925	287,900	4.69
AL Student Assistance Program	1,998,524	1,998,524	2,002,457	0.20	2,002,457	2,002,500	0.20
EPSCOR	1,000,000	1,000,000	2,000,000	100.00	2,000,000	2,000,000	100.00
Eminent Scholars Program	2,200,000						
Policeman's Survivor Fund	[8,629]	5,000	5,000	0.00	5,000	5,000	0.00
Subtotal: Statewide Programs	5,452,739	10,713,100	11,735,828	9.55	11,694,821	10,953,300	2.24
Subtotal: ACHE	6,606,457	11,916,818	13,020,677	9.26	12,956,310	12,214,800	2.50
Subtotal: Other	11,527,507	16,987,868	27,109,995	59.58	17,561,835	16,475,700	-3.01
TOTAL: HIGHER EDUCATION	\$533,560,478	\$548,456,510	\$763,678,903	39.24	\$694,200,903	\$611,078,100	11.42

SECTION C
FUNDING FORMULAS

FUNDING FORMULA FOR HIGHER EDUCATION

ACHE's recommendations for the funding of postsecondary education are based on several types of assessment:

- A set of formula which relate funding needs for the regular academic programs of the senior and junior institutions to student credit hours and enrollment, at levels comparable to funding levels in other southern states.
- Constructed formulas for the schools of medicine which relate funding needs to current uniform teaching procedures.
- Up-dated values for on-going research and service activities and for other instructional activities which are not susceptible to "formula" determination, derived from earlier funding levels.
- Analysis of funding needs for new programs and major changes in existing programs based on estimated expenditures and revenues.

Regular Academic Program Formula - Universities

The formulas for the regular academic programs, which typically account for 65 to 70 percent of the higher education budget, are derived and applied as follows:

(1) The average funding rate per full time equivalent (FTE) student for regular academic programs of the senior institutions of the other southern states, for the last fiscal year, is calculated, using data furnished through the Southern Regional Education Board (SREB). This rate is multiplied by the total FTE enrollment for the preceding year of the Alabama universities, to produce an equivalent total funding amount for the Alabama institutions. These amounts are modified to reflect (a) Alabama's system of central funding for Teacher's Retirement and Social Security, and (b) inflation anticipated from the last year to the budget year. The computations for 1988-89, for the senior institutions are shown on page ----.

(2) The amounts calculated above are distributed to institutions according to a formula consisting of the sum of the following elements:

WEIGHTING FACTORS

Academic Subdivision Groupings	Complexity Indices		
	Under-Graduate	Graduate Level 1	Graduate Level 2
1. Business	1.12	3.27	13.45
2. General	1.00	2.73	10.33
3. Education	1.04	2.30	8.79
4. Nursing, Health	2.74	5.82	17.60
5. Engineering/Architecture	2.07	5.46	17.60
6. Fine Arts	2.09	4.95	17.17
7. Home Economics	1.39	3.34	9.31
8. Science	1.29	5.36	17.60
9. Military Science	0.12	xx	xx
10. Law "	xx	2.31	xx
11. Agriculture	1.51	4.57	16.03
12. Veterinary Medicine	xx	5.77	xx
13. Pharmacy	3.02	5.06	19.01
14. Interdisciplinary	1.26	3.23	10.33

Computation of Alabama Funding Needs at Southern Region Levels
Senior Institutions

\$/FTE SREB STATE	Doctoral			Average Doctoral			Master's			Average Master's	Bacca-laureate	Senior
	I	II	III	I	II	III	I	II	III			
Alabama	4,407	4,157	4,470	4,220	3,755	3,534	3,601	2,586	3,964	-	3,964	
Arkansas	5,891	5,261	5,781	4,407	3,628	3,743	3,659	4,030	3,910	3	3,910	
Florida	5,708	4,996	5,781	5,725	6,544	7,462	6,890	4,030	5,971	1	5,971	
Georgia	4,117	4,239	4,239	4,170	3,882	4,486	4,073	4,073	4,113	3	4,113	
Kentucky	3,343	4,996	2,554	2,823	2,762	2,762	2,762	2,762	2,801	13	2,801	
Louisiana	4,892	3,389	5,171	4,963	3,838	3,838	3,838	4,616	4,526	2	4,526	
Maryland	6,089	5,071	4,362	5,563	4,674	4,805	4,703	5,437	3,257	1	3,257	
Mississippi	3,693	4,831	4,744	3,270	3,166	3,166	3,166	3,062	5,210	6	5,210	
North Carolina	5,531	4,600	4,115	4,568	4,006	4,006	4,006	3,062	3,128	7	3,128	
Oklahoma	4,762	4,656	3,645	4,484	3,480	4,235	3,567	3,764	4,488	4	4,488	
South Carolina	4,382	4,732	3,399	4,190	4,062	3,063	3,063	3,220	4,468	5	4,468	
Tennessee	4,696	4,696	4,696	4,696	4,696	4,696	4,696	2,937	3,597	8	3,597	
Texas	4,866	4,485	3,755	4,502	4,045	3,521	3,720	3,444	4,209	4	4,209	
Virginia	4,866	4,562	3,719	4,520	4,062	3,520	3,730	3,464	4,225	5	4,225	
West Virginia	4,866	4,562	3,719	4,520	4,062	3,520	3,730	3,464	4,225	8	4,225	
SREB Region												
W/O Alabama												
Ala FTE				50,667			30,979	1,246	82,892			
SREB level for Ala				229,012,904			115,540,130	4,315,880	350,229,392			

Total Funds Required 348,868,914
 Adj for Retirement(1.185217) 294,350,244
 Less SREB Included Line Items 31,407,941
 Inflation Factor 1.038 - 1987-88 272,934,111
 Inflation Factor 1.05 - 1988-89 286,580,817

SREB Target 1988-89 286,580,817



Senior Institutions

1. **Instruction:** The three year average of actual on-campus weighted semester credit hours for 1984-85, 1985-86, and 1986-87 is applied to the instructional multiplier. - The instructional multiplier for the mean is 50.1133.
2. **Academic Support:** 5% of the amount generated for instruction.
3. **Research:** 2% of combined amounts for instruction and academic support plus 5% of 1985-86 sponsored research.
4. **Public Service:** 2% of combined amounts for instruction and academic support.
5. **Library Support:** Actual on-campus unweighted semester credit hours (except military science) corresponding to the weighted credit hour value multiplied by the following cost factors:

Undergraduate	\$ 6.13
Graduate I (Masters)	12.31
Graduate II (Doctoral)	52.73
Law	32.53

6. **General Administration and Student Services:** For institutions with headcount enrollment of less than 4,000:

1,000 or fewer	\$546,452.00
1,001 to 2,500	276.84
2,501 to 3,999	187.16

For institutions with headcount enrollment of 4,000 or greater

First 4,000	\$310.65
4,001 to 8,000	232.67
Over 8,000	209.27

The GA/SS amount is computed based on total headcount, then distributed proportionately among the GA/SS components of the formula funded lines (on-campus, off-campus, etc.) of the institution.

Example:	Total Headcount	4,000
	On-Campus Headcount	3,800
	Off-Campus Headcount	200

Total GA/SS = 4,000 x 310.65 = \$1,242,600.

On-Campus: $\frac{3,800}{4,000} \times 1,242,600 = \$1,180,470.$

Off Campus: $\frac{200}{4,000} \times 1,242,600 = \$59,023.50$

7. **Maintenance of Physical Plant and Custodial Services:**
Projected gross square feet as of June 30, 1987, multiplied by \$3.14.
8. **General institutional support:** 14% of total amount generated in items 1-7.
9. **Utilities:** The highest annual consumption rate per gross square foot of E & G floor area for the last three years (July-June, 1984-85, 1985-86, 1986-87) for heat energy and electrical energy were multiplied by projected rates per energy units for 1988-89. Other utilities expense per E & G gross square foot was projected at 1986-87 rates x 1.05. The sum of the projected amounts per gross square foot was multiplied by the projected gross E & G floor area for September 30, 1988.
10. **Tuition Adjustment:** The average tuition and fees charged by each institution for an on-campus semester hour of instruction for fall term 1987 were calculated.

The average rate charged each full-time student was \$40.69 per semester credit hour.

Ninety percent (90%) of this rate was applied to each institution's actual 1986 unweighted on-campus semester credit hours (except military science) to obtain the amount of tuition and fee revenue to be deducted.

40.694 -- Tuition rate per average semester credit hour for Fall 1987

x .90

36.625 -- 1988-89 Tuition Adjustment

Junior Colleges

The method used in developing funding needs at the southern region average for the junior colleges is similar to that used for the senior institutions. The average funding rate per FTE student in the seven southern states in which junior colleges receive minimal local support (as is the case in Alabama) is calculated. This rate is multiplied by the Alabama Junior college FTE enrollment to produce a total which approximates the amount Alabama institutions would receive if they were funded at the average of the seven southern states. This amount is modified to reflect Teacher's Retirement, Social Security, and inflation.

Computation of Alabama Funding Needs at Southern Region Levels

<u>S/FTE</u> <u>STATE</u>	<u>Two-Year</u> <u>I</u>	<u>Two-Year</u> <u>II</u>	<u>Two-Year</u> <u>III</u>	<u>TOTAL</u> <u>1986-87</u>	
ALABAMA		2,012		2,012	
FLORIDA		2,630		2,630	5
GEORGIA	3,297	3,029		3,237	1
KENTUCKY	2,141			2,141	7
LOUISIANA	3,037			3,037	3
TENNESSEE		3,123		3,123	2
VIRGINIA	3,582	2,571	3,645	2,636	6
WEST VIRGINIA		2,567		2,567	4
SREB COHORTS	2,821	2,604	3,645	2,641	
W/O ALABAMA	2,821	2,682	3,645	2,712	

ALABAMA		2,012		2,012	
SREB COHORTS	2,821	2,604	3,645	2,641	
W/O ALABAMA	2,821	2,682	3,645	2,712	

COMPUTATION OF ALABAMA FUNDING NEEDS AT SOUTHERN REGION LEVEL

PUBLIC JUNIOR COLLEGES

	<u>Southern Region</u> (excl. Alabama)	<u>Alabama</u>
1986-87 FTE Enrollment	281,944	31,683
1986-87 Appropriations (000)	764,563	xxx
\$/FTE	2,712	xxx
SREB \$/FTE x Alabama FTE		\$85,924,296
Divided by factor for Retirement & Social Security		1.16
Equals Adequate Alabama Appropriation for 1986-87		\$74,072,669
Plus 3.8% for 1987-88		\$76,887,430
Plus 5% for 1988-89		\$80,731,802

NOTE: Includes 7 states (FL, GA, KY, LA, TN, VA, WV) that report minimal support from local funds. Excludes funds reported by Georgia for its two-year category III institutions.

FUNDING NEEDS - TECHNICAL COLLEGES

Total funding needs for the Alabama technical colleges are estimated by calculating the average salary (12 months) for technical college faculty, applying the standard student:faculty ratio (15:1) and standard contact hours per year (1,296) to determine instructional salary expense per student contact hour (SCH), and multiplying this rate by the total student contact hours for the latest year.

1. Average Faculty Salary 86-87	\$35,927
2. Inflation Factor 1.038 & 1.05	\$39,157
3. Projected instructional expense per SCH	2.01
4. Projected total expense (divide by .6)	3.36
5. Tuition adjustment	-0.42
6. Adjusted expense per SCH	2.94
7. 86-87 Contact Hours	17,974,387
8. Projected technical needs 88-89	\$52,851,807

Constructed Formulas for First Professional Health

The "constructed" formulas used for estimating funding needs of the medical schools were derived by a consultant who worked with the staffs of the medical schools and the ACHE staff. These formulas calculate needs by determining required instructional staffing on the basis of enrollment, computing total salary requirements on the basis of regional salary averages, and estimating other expenditures from past experience in Alabama.

The formulas discretely express the resource needs of the three separate, and quite different, levels in medical education, i.e.,

1. Basic Medical Sciences (B.S.), the first two years of undergraduate medical school.
2. Clinical Sciences (C.S.), the second two years of undergraduate medical school which lead to the award of the M.D. degree.
3. Residency (Res.), the initial graduate medical education which qualifies a new M.D. for practice.

The formulas assert that the resource needs of each of these three levels can be described by four factors, i.e.,

1. The student load, the average enrollment at each level.
2. The cost per faculty contact hour with students. This factor recognizes that faculty have responsibilities other than teaching students. The cost is derived from the salary paid and its allocation to the various responsibilities held.
3. Faculty contact hours per student, the hours a student is in contact with teaching faculty.
4. Other cost factor: The three factors immediately above describe only the resource needs of direct instruction. The other cost factor expresses the percentage that direct instructional costs are of total costs.

The formula to derive total resource needs for any level of medical education is: Student Load (SL) times Dollars per Faculty Contact Hour (\$/FCH) times Faculty Contact Hours per Student (FCH) divided by the Other Cost Factor (OCF) equals Resource Needs, i.e.,

$$\text{Total Resource Needs} = \frac{\text{SL} \times \text{\$/FCH} \times \text{FCH}}{\text{OCF}}$$

While the formula described seeks to identify the total resource needs of medical education, the formula adopted does not assume that all of these resource needs can or should be met by state appropriations. Rather, we explicitly assert that the state

meet only a portion of these needs. The balance of the need is expected to be met by tuition, volunteer faculty, and other sources of income. For this reason, the product of the formula is multiplied by a state support factor, the percentage of the total to be met by the state, to derive an appropriations recommendation.

The procedures used for UAB's School of Dentistry and School of Optometry are identical to those used in previous years: a recommended level of support per student was multiplied by projected 1987-88 enrollments and reduced by tuition and SREB contract revenues to yield the recommended appropriations.

The enrollment data and funding factors used to develop recommendations for Dentistry and Optometry are presented after the medical formula values.

Support required for the UAB and USA hospital is calculated on the basis of the 1987-88 appropriations for the UAB hospitals, increased by an inflation factor of five (5) percent.

Support requirements for the AU School of Veterinary Medicine were determined by evaluating faculty and support staffing and salaries and augmenting the values produced by the Regular Academic Program to correct for discrepancies in those elements.

MEDICAL SCHOOLS

1988-89 FORMULA

1. Dollars Per Faculty Contact Hour
(3.8% inflation for 1987-88 and 5% for 1988-89.)

1985-86	55.46
1986-87	57.12
1987-88	59.41
1988-89	62.26

2. Cost Per Student:

Level	\$/FCH	FCH/STU	Fac. Cos	OCF	Total Cost/STU
Basic Sciences	\$62.26	100	\$6,226	0.4	\$15,565
Clinical Sciences	62.26	500	31,130	0.4	77,825
Residency	62.26	1,600	99,616	0.4	249,040

1. Basic Sciences: cost for years 1 and 2.
2. Clinical Sciences: cost for years 3 and 4.
3. Residency: cost for 4 years, average residency length.

1988-89 Medical Formula Details and Calculations

UNIVERSITY OF ALABAMA *

1. Student Load 1987-88.	TOTAL	AVERAGE
Basic Sciences: UAB-SOM	319	159.5
Clinical Sciences:		
UAB-SOM	212	106.0
UA-CCHS	44	22.0
UAH-SPMC	48	24.0
	304	152.0
Residency:		
UAB-SOM	420	105.0
UA-CCHS	36	9.0
UAH-SPMC	34	8.5
	490	122.5

* UAB School of Medicine
 UA College of Community Health Sciences
 UAH School of Primary Medical Care

2. Formula Calculations - UA System

	Student Load	x	Cost/Student	=	Cost
UAB					
Basic Sciences:	159.5		\$15,565		\$2,482,617
Clinical Sciences:	106.0		77,825		8,249,450
Residency:	105.0		249,040		26,149,200
Sub-Total					36,881,267
State Support factor.	0.85				31,349,077
Family Practice Clinic.					821,000
Transfer to Public Health.					-1,200,000
TOTAL					\$30,970,077
UA					
Clinical Sciences:	22.0		\$77,825		\$1,712,150
Residency:	9.0		249,040		2,241,360
TOTAL					3,953,510
State Support factor.	0.85				\$3,360,483
UAH					
Clinical Sciences:	24.0		\$77,825		\$1,867,800
Residency:	8.5		249,040		2,116,840
TOTAL					3,984,640
State Support factor.	0.85				\$3,386,944

1988-89 Medical Formula Details and Calculations
University of South Alabama College of Medicine

1. Student Load 1987-88.	Total	Average
Basic Sciences:	141	70.5
Clinical Sciences:	119	59.5
Residency:	168	42.0

2. Formula Calculations

	Student load	x	Cost/Student	=	Cost
Basic Sciences:	70.5		\$15,565		\$1,097,332
Clinical Sciences:	59.5		77,825		4,630,587
Residency:	42.0		249,040		10,459,680
TOTAL					16,187,600
State Support factor.	0.85				\$13,759,460

University of Alabama at Birmingham

School of Dentistry

1988-89 Formula Calculations

<u>Formula Item</u>		<u>Funding Factor</u>
1. Enrollment		
Graduate		2
First Professional		200
Advanced Professional		63
Total		265
2. Support Per Student		
1985-86	34,996	
1986-87	36,396	
1987-88	38,142	
3. Revenue Calculations		
Students X Support Per Student	=	\$10,107,712
Minus Tuition Per Student*	\$2,799.00	-559,800
Subtotal		\$9,547,912
Plus Dental Hygiene and Dental Assisting		264,627
Total Funding		\$ 9,812,539

* First Professional Students X \$2,799.00.

University of Alabama at Birmingham
School of Optometry

Formula Item	Funding Factor
1. ENROLLMENT:	
First Professional	145
Advanced Professional	13
	158
2. SUPPORT PER STUDENT*:	\$27,648
3. REVENUE CALCULATION:	
Support rate X number of students	\$4,368,384
Less:	
Tuition**	-348,000
SREB Contracts	-270,000
Subtotal	3,750,384
Plus:	
Physiological Optics	817,497
Total Funding Calculated	\$4,567,881

* 1986-87 rate inflated by 3.8% for 1987-88 and 5% for 1988-89.

** First Professional Students X \$2,400.00.

1988-89 FORMULA: University Hospitals

Rate Per Bed (Based on Univ Hosp)		\$7,132
1987-88 Appropriation	\$5,934,192	
Number of beds	832	
Adjusted by inflation for 1988-89		\$7,475

Calculations:	Beds	
UAB - University Hospital	832	\$6,218,919
UAB - Children's Hospital	160	1,195,946
USA - Medical Center	406	3,034,713
		\$10,449,578

STATE FINANCIAL SUPPORT OF THE AUBURN UNIVERSITY

COLLEGE OF VETERINARY MEDICINE

The construct establishes a mean faculty/student ratio (for DVM students) and a mean faculty salary level for the southeastern state colleges of veterinary medicine. On the basis of data obtained by a telephone survey a mean benefit factor is calculated and applied to faculty salaries. From reported and estimated data total expenditures are determined and the ratio of total expenditures are determined and the ratio of total expenditures to faculty compensation calculated.

A constructed funding level for 1985-86 for Auburn's DVM enrollment (350) was calculated by applying the derived faculty/student ratio, faculty salary and benefit factor, and "other cost" factor to this enrollment level (\$13,541,263). This amount was adjusted downward to compensate for the external funding of retirement and social security contributions and for Auburn's tuition and teaching contract revenues, producing a net support value for 1985-86 of \$10,684,742. This value was escalated according to the latest C.P.I. factors (1.03, 1.038, and 1.05) to 1988-89 level, \$11,994,659.

VETERINARY MEDICINE FUNDING NEEDS CALCULATION
1988-89

BASIS:
8 SREB INST
(85-86 FAC SAL)

ENROLLMENT	350
FAC/STUDENT RATIO	0.234
FACULTY REQUIREMENT	82
AVERAGE FACULTY SALARY	\$48,040
BENEFITS LOADING FACTOR	1.2187
TOTAL FACULTY COMPENSATION	\$4,800,845
OTHER COST FACTOR	2.8206
TOTAL FUNDING REQUIREMENT	\$13,541,263
SUPPORT - TR/SS	1.1086
REQUIRED FUNDING INCL TUITION	\$12,214,742
TUITION (1986-87) + SREB CONTRACTS	\$1,530,000
NET APPROPRIATION REQUIRED -	\$10,684,742
INFLATION - 1985-86 TO 1988-89	1.123
FUNDING CALCULATION 1988-89	\$11,994,659

VETERINARY MEDICINE FORMULA INPUTS
FACULTY/STUDENT RATIOS BASED ON 1986-87 DATA

STATE	CODE	-----INSTRUCTOR-----			DVM STUDENTS	INST'L FAC PER STDNT
		STATE PAID	OTHER	TOTAL		
Tenn	2	68.70	5.34	74.04	172	0.430
MSU	4	31.30		31.30	136	0.230
LSU	8	77.98	0.50	78.48	306	0.256
TX A&M	9	128.26		128.26	526	0.244
GA	10	59.08	0.44	59.52	328	0.181
OSU	14	41.15	2.65	43.80	272	0.161
NC ST	21	82.20		82.20	283	0.290
VA-MD	26	42.50	6.00	48.50	319	0.152
FL	27	71.50	3.28	74.78	317	0.236
TOTAL W/O AU		602.67	18.21	620.88	2,659	0.234
AU	15	75.72	0.64	76.36	349	0.219
TOTAL		678.39	18.85	697.24	3,008	0.232

FACULTY SALARIES, WITH BENEFITS

STATE	CODE	----- NUMBER	SALARIES AVERAGE	----- TOTAL	BENEFITS LOADING FACTOR	TOTAL FACULTY COMPENSATN
LSU	2	95	44,463	4,223,985	1.1450	4,836,463
TENN	3	63	46,663	2,939,769	1.2500	3,674,711
NC ST	4	113	52,428	5,924,364	1.2050	7,138,859
FL	9	101	45,478	4,593,278	1.2000	5,511,934
TEX A&M	11	145	49,670	7,202,150	1.2450	8,966,677
MSU	13	58	45,124	2,617,192	1.1900	3,114,458
GA	14	105	51,968	5,456,640	1.2475	6,807,158
OSU	24	67	45,991	3,081,397	1.2300	3,790,118
VA/MD	25	81	46,157	3,738,717	1.2400	4,636,009
TOTAL W/O AU		828	48,040	39,777,492	1.2187	48,476,387
AU	6	89	45,371	4,038,019	1.2245	4,944,554
TOTAL		917	47,781	43,815,511	1.2192	53,420,941

VETERINARY MEDICINE FORMULA INPUTS

OTHER COSTS RATIO

STATE	CODE	ADJUSTED TOTAL EXPENSE	RATIO TOTAL TO FAC COMP
LSU	2	15,576,673	3.2207
TENN	3	10,337,038	2.8130
NC ST	4	21,229,980	2.9739
FL	9	13,758,834	2.4962
TEX A&M	11	24,395,442	2.7207
MSU	13	9,077,966	2.9148
GA	14	19,341,004	2.8413
OSU	24	9,336,628	2.4634
VA/MD	25	13,680,874	2.9510
TOTAL W/O AU		136,734,439	2.8206
AU	6	11,634,040	2.3529
TOTAL		148,368,479	2.7773

STATE FINANCIAL SUPPORT FOR
· AGRICULTURAL EXTENSION SERVICES
AND
COOPERATIVE EXTENSION SERVICES

The algorithm simply utilizes the average ratio of state to federal funding over a three year period to arrive at a target funding level for the Alabama AES/CES programs. This approach only requires acceptance of the perceived value of such activities as reflected in federal and state funding levels in southeastern states. As the average ratio of federal to state funding varies, the target funding level for Alabama will be adjusted according to the average response in the comparison states.

Calculation of Funding Needs
Alabama AES/CES - Fiscal Year 1988-89

(1) Average Federal allocation for AES/CES FY85 to FY87	
- Alabama	\$8,852,524
(2) Average State appropriation for AES/CES FY85 to FY87	
- Alabama	25,877,333
(3) Average Federal allocation for AES/CES FY85 to FY87	
- Southeast *	9,533,594
(4) Average State appropriation for AES/CES FY85 to FY87	
- Southeast *	36,613,700
(5) Ratio State to Federal funds FY85 to FY87	
- Southeast *	3.84
(6) Base calculation: line (1) X line (5)	33,998,056
(7) Inflation adjustments:	
(a) 1987-88 - Line (6) X 1.038	35,289,982
(b) 1988-89 - Line (7a) X 1.05	37,054,481
(8) Retirement adjustment - CES	1,871,380
(9) Calculated need for Fiscal Year 1988-89	\$38,925,861 =====

* Note: Excluding Alabama data. Also, the States of Florida and Kentucky are excluded as 'extreme values.'

COMPARISON OF STATE APPROPRIATIONS AND FEDERAL FORMULA APPROPRIATIONS
FOR AGRICULTURE RESEARCH AND EXTENSION
SOUTHEASTERN STATES, FISCAL 1985 - 1987

STATE	FISCAL 1985		FISCAL 1986		FISCAL 1987		3-yr Average		Ratio State/ Federal
	Federal	State	Federal	State	Federal	State	Federal	State	
ALABAMA	9,106,865	22,992,000	8,731,396	28,356,000	8,719,310	26,284,000	8,852,524	25,877,333	2.92
ARKANSAS	7,757,658	23,036,000	7,413,390	27,838,000	7,409,073	26,130,000	7,526,707	25,668,000	3.41
FLORIDA	5,921,351	53,394,000	5,600,070	57,663,000	5,586,056	62,029,000	5,702,492	57,695,333	10.12
GEORGIA	10,218,838	48,725,000	9,792,646	54,168,000	9,797,840	57,626,000	9,936,441	53,506,333	5.38
KENTUCKY	11,210,706	20,807,000	10,646,921	23,154,000	10,633,213	23,382,000	10,830,280	22,447,667	2.07
LOUISIANA	6,937,324	38,226,000	6,631,205	39,443,000	6,614,428	38,067,000	6,727,652	38,578,667	5.73
MISSISSIPPI	9,415,896	26,437,000	9,074,172	34,277,000	9,040,322	24,427,000	9,176,797	28,380,333	3.09
NORTH CAROLINA	14,838,847	42,660,000	14,198,826	50,618,000	14,184,140	54,000,000	14,407,271	49,092,667	3.41
OKLAHOMA	6,836,039	19,958,000	6,503,238	23,334,000	6,483,919	19,819,000	6,607,732	21,037,000	3.18
SOUTH CAROLINA	7,587,827	23,940,000	7,273,288	27,418,000	7,261,766	28,946,000	7,374,294	26,768,000	3.63
TENNESSEE	10,853,235	20,740,000	10,365,658	23,184,000	10,352,466	27,231,000	10,523,786	23,718,333	2.25
TEXAS	14,526,985	67,798,000	13,822,547	66,344,000	13,806,603	66,962,000	14,052,045	67,034,667	4.77
VIRGINIA	9,274,923	34,506,000	8,869,566	37,395,000	8,865,164	25,158,000	9,003,218	32,353,000	3.59
AVERAGE	9,575,884	34,093,769	9,147,917	37,937,846	9,134,946	36,927,769	9,286,249	36,319,795	3.91
Excluding AL., Fl. & Ky.									
AVERAGE	9,331,569	37,868,000	8,917,895	41,849,800	8,904,931	40,316,400	9,533,594	36,613,700	3.84

Note: Federal funds are those formula-funded programs known as Hatch, McIntire-Stennis and Smith-Lever. These funds are distributed via a combination of equal distributions and formula distributions based upon rural and farm population distributions among states. The states of Florida and Kentucky are excluded as 'extreme values'.

SECTION D
FUNDING FORMULA SUPPORTING DATA
SENIOR INSTITUTIONS

HEADCOUNT FOR RAP PURPOSES: PUBLIC SENIOR UNIVERSITIES
Utilized in ACHE Regular Academic Program Formula

	Preliminary Fall, 1985		Preliminary Fall, 1986		Preliminary Fall, 1987		Three Year Average	
	On-Campus	Off-Campus	On-Campus	Off-Campus	On-Campus	Off-Campus	On-Campus	Total
Alabama A&M University	4,021	320	3,817	111	3,556	176	3,894	3,960
Alabama State University	3,493	320	3,393	147	3,479	258	3,504	3,574
Athens State College	1,158		1,447	237	1,634		1,578	1,666
Auburn University	18,635		18,937		19,106		18,893	18,949
Auburn Univ. in Montgomery	5,249		5,283		5,428		5,320	5,368
Jacksonville State Univ.	6,700		6,506		6,713		6,640	
Gadsden		320		305		202		276
Subtotal: JSU	6,700	320	6,506	305	6,713	202	6,915	6,996
Livingston University	1,410		1,381	64	1,495	56	1,469	1,502
Troy State Univ.-Main	3,877		3,612	338	3,589	328	3,915	
Phenix City	406		435		508		450	
Subtotal: TSU	4,283		3,612	773	3,589	836	4,364	4,364
Troy State-Dothan	1,073		1,121		1,200		1,131	1,753
Troy State Univ. in Montg.	1,149		1,405		1,598		1,384	2,259
University of Ala.	15,323		16,051		16,957		16,110	16,259
Univ. of AL/B'ham-U.C.	10,675		10,731		10,669		10,692	
Public Health	146		180		220		182	
Dent. Asst./ Hygiene	37		31		42		37	
Joint Health Science	214		236		257		236	
SCAR/RTI	757		802		792		784	
Nursing	751		640		601		664	
Phys. Optics	6		7		6		6	
Subtotal: UAB	12,586		12,627		12,587		12,600	12,600
Univ. of AL/H'ville-Main	5,606		5,801		6,232		5,880	
Nursing	349		292		243		295	
Subtotal: UAH	5,955		6,093		6,475		6,174	6,182
University of Montevallo	2,569		2,537		2,578		2,561	2,565
University of North Alabama	5,130		4,969		5,033		5,044	5,071
Univ. of South Al-Main	7,670		8,096		8,351		8,039	
Baldwin		228		180		130		179
Allied Health	419		461		556		479	
Nursing	699		684		697		693	
BMS	42		50		40		44	
Subtotal: USA	8,830	228	9,291	180	9,644	130	9,434	9,434
TOTAL	97,564	548	98,470	1,817	101,072	1,658	100,376	102,502

ON CAMPUS UNWEIGHTED SEMESTER CREDIT HOURS BY LEVEL 1984-85 THROUGH 1984-87
MILITARY SCIENCE CREDIT HOURS EXCLUDED

INST	1984-85				1985-86				1986-87				3 YEAR AVE								
	L-0	U-0	C-1	C-2	L-0	U-0	C-1	C-2	L-0	U-0	C-1	C-2	L-0	U-0	C-1	C-2	L-0	U-0	C-1	C-2	
ASN	49,814	32,422	11,944		63,873	30,234	13,571		69,988	29,820	13,103		69,988	29,820	13,103		69,988	29,820	13,103		34
ASU	70,248	34,840	4,072		70,852	30,489	4,646		67,996	29,405	4,613		67,996	29,405	4,613		67,996	29,405	4,613		34
ASC		23,611				31,930				30,769				30,769				32,083			
AU	311,483	237,922	17,551	10,348	304,582	242,501	10,434	10,999	305,938	245,877	10,795	16,945	307,074	242,100	10,327	10,771					
AUM	70,962	42,613	0,685		82,393	44,344	9,668		78,807	45,239	10,856		80,854	44,865	9,734						
JSU	103,891	82,431	11,246		98,897	84,132	12,489		95,292	85,406	11,426		99,340	84,723	11,707						
JSU-CADS	340	7,100			46	0,388			120	5,614	3		105	7,631	3						
LU	30,422	10,737	2,148		29,247	11,614	2,425		26,853	13,718	2,226		28,041	12,023	2,278						
TSU-MAIN	86,481	36,792	3,001		79,575	38,840	3,826		79,764	39,511	3,388		79,940	38,361	3,672						
TSU-DOTMAN	9,155	9,324	5,362		10,109	11,448	5,869		9,277	12,062	5,712		9,514	10,945	5,443						
TSU-NIGHT	14,627	4,812	4,182		14,839	5,395	5,207		17,720	6,469	5,624		15,729	5,559	5,084						
TSU-PC	99	3,767	2,529		291	3,718	3,342		329	3,724	4,050		240	3,736	3,397						
UA	238,486	140,936	28,110	11,713	242,339	135,451	28,879	11,569	273,565	123,082	30,412	11,588	251,530	133,156	29,134	11,617					14,619
UAB-UC	168,357	68,427	23,047	2,049	155,993	71,781	24,526	3,179	152,365	72,720	25,273	3,637	156,200	70,976	24,202	2,955					
UAB-RS		298	674	4,447	147	225	736	4,604	162	336	1,018	5,396	155	284	809	4,816					
UAB-AH/RTI	15,374	8,478	5,385	81	13,438	8,242	5,805	90	11,148	9,387	5,107	238	13,320	8,766	5,166	136					
UAB-NURS	4,175	14,852	4,274	1,184	2,648	12,475	3,741	1,482	2,483	9,465	3,697	2,046	3,107	12,264	3,904	1,371					
UAB-SPH			2,226	230			3,414	337			5,099	963			3,580	510					
UAB-DENT	1,247	568			1,008	805			844	924			1,040	759							
UAB-DPT			131	125			161	110			175	251			156	165					
UAB-MAIN	73,640	42,663	8,942	1,163	72,041	45,546	10,113	1,423	72,503	45,683	11,492	2,005	72,728	44,631	10,182	1,597					
UAB-NURS	384	4,942	677		240	5,328	658		160	5,177	1,041		261	5,149	792						
UK	52,411	25,465	5,844		47,352	23,286	4,249		43,561	23,212	4,236		47,775	24,061	4,799						
UHA	77,749	54,432	6,636		76,212	53,225	7,279		71,618	54,900	6,355		73,191	54,186	6,737						
USA-MAIN	135,830	58,137	12,103		134,775	69,742	12,107		138,874	62,185	12,417		134,526	60,361	12,210						
USA-AH	1,455	4,181			1,570	4,159			1,770	4,516			1,598	4,205							
USA-RHS				1,211				903				1,155									
USA-NURS	2,217	7,491	1,052		2,126	7,781	708		2,079	8,758	705		2,141	7,990	848						
USA-BALDW		2,771	638		459	2,293	517		456	2,841	655		458	2,635	603						
TOTALS	1,533,321	962,346	171,293	32,571	1,413,134	974,306	181,983	34,944	1,468,148	975,923	188,493	30,278	1,516,506	971,532	188,592	35,307	14,619				



ON CAMPUS WEIGHTED CREDIT HOUR PRODUCTION: PUBLIC SENIOR UNIVERSITIES

	1984-85	1985-86	1986-87	THREE YEAR AVERAGE
Alabama A&M University	159,339	152,055	143,403	151,599
Alabama State University	129,888	122,943	118,811	123,881
Athens State College	40,303	49,162	56,695	48,720
Auburn University	944,455	953,196	966,512	954,721
Auburn Univ. in Montgomery	169,837	175,293	176,654	173,928
Jacksonville State Univ.	246,915	250,689	243,155	246,920
Gadsden	8,003	9,060	6,137	7,733
Livingston University	54,499	54,548	53,084	54,044
Troy State Univ.-Main	160,539	160,760	160,887	160,729
Phenix City	10,779	12,895	14,745	12,806
Troy State Univ. in Dothan	33,923	38,536	38,031	36,830
Troy State Univ. in Montgomery	32,516	36,143	41,345	36,668
University of AL-Main	732,848	730,152	761,403	741,468
Univ. of AL/B'ham-U.C.	362,678	379,396	385,767	375,947
Public Health	17,003	25,801	46,625	29,810
Dent. Asst./ Hygiene	4,973	4,967	4,844	4,928
Joint Health Science	82,343	85,580	101,278	89,734
SCAR/RTI	94,369	86,799	92,716	91,295
Nursing	97,853	89,326	90,269	92,483
Phys. Optics	2,963	3,014	5,436	3,804
Univ. of AL/H'ville-Main	211,999	228,776	242,277	227,684
Nursing	18,533	19,086	20,682	19,434
University of Montevallo	110,412	97,993	92,484	100,296
University of North Alabama	176,234	173,749	168,709	172,897
Univ. of South Al-Main	264,789	266,420	275,634	268,948
Baldwin	4,795	4,518	6,467	5,260
Allied Health	15,441	15,697	17,222	16,120
Nursing	32,558	31,268	34,267	32,698
BMS	21,321	17,295	20,335	19,650
TOTAL	4,242,108	4,275,117	4,385,874	4,301,033
TOTAL not including A.H.	3,854,751	3,896,284	3,952,200	3,901,078

* Includes Remedial Hours.

Universities Supplemented Weighted
Semester Credit Hours - Remedial Courses

	1984-85		1985-86		1986-87		Three Year Average	
	Reported	Weighted Increment	Reported	Weighted Increment	Reported	Weighted Increment	Reported	Weighted Increment
Alabama State University	9,090	1,909	15,138	3,179	14,757	3,099	12,995	2,729
Auburn University	58	12	84	18	48	10	63	13
Auburn Univ. in Montgomery	163	34	611	128	598	126	457	96
Jacksonville State Univ.	1,205	253					1,205	253
Livingston University	1,955	411	1,515	318	1,107	232	1,526	320
Troy State Univ.-Main	3,833	805	5,752	1,208	4,559	957	4,715	990
Troy State Univ. in Dothan	177	37	440	92	200	42	272	57
Troy State Univ. in Montgomery	843	177	1,244	261	1,194	251	1,094	230
University of Alabama	672	141	1,860	391	2,927	615	1,820	382
University of AL-Birmingham			4,168	875	3,488	732	3,828	804
University of AL-Huntsville	1,626	341	1,704	358	412	87	1,247	262
University of North Alabama	1,141	240	1,387	291	1,351	284	1,293	272
TOTAL	20,763	4,360	33,903	7,120	30,641	6,435	30,515	6,408

UTILITIES ALLOWANCES - 1988-89 BUDGET FORMULA
Senior Institutions - (E&S Spaces)

INSTITUTION	HEATING FUEL		ELECTRICITY		OTHER UTILITIES		TOTAL ALLOWANCES E & S SPACE		PROJECTED UTILITIES EXPENDITURES		TOTAL PURCHASED UTILITIES ALLOWANCE		UTILITIES EXPENDITURES		UTILITIES ALLOWANCE	
	High Value	Projected Rate	High Value	Projected Rate	1986-87	Allowance	1986-87	Allowances E & S Space	1986-87	O & H	1986-87	O & H	1986-87	1986-87	O & H	1986-87
	(MMBTU/GSF)	(\$/MMBTU)	(kwh/GSF)	(\$/kwh)	(\$/GSF)	(\$/GSF)	(\$/GSF)	(\$/GSF)	(\$/GSF)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
AMH	0.156	3.860	20.39	0.057	1.156	0.153	1.919	784,114	1,505,000	0	0	1,505,000	0	0	1,505,000	0
ASU	0.045	5.230	17.39	0.072	1.251	0.060	1.550	600,624	931,000	0	0	931,000	0	0	931,000	0
ASC	0.062	5.074	7.42	0.061	0.453	0.037	0.806	161,325	130,000	0	0	130,000	0	0	130,000	0
AU	0.175	2.901	24.07	0.051	1.233	0.262	2.017	3,414,504	6,886,000	393,144	1,268,913	1,661,057	1,661,057	1,661,057	1,661,057	1,661,057
AUH	0.080	5.030	22.93	0.062	1.425	0.146	1.981	592,775	1,174,000	0	0	1,174,000	0	0	1,174,000	0
JSU	0.040	3.801	13.77	0.053	0.735	0.032	0.921	1,065,021	981,000	79,876	0	981,000	0	0	981,000	0
LU	0.039	5.129	12.80	0.060	0.767	0.050	1.020	457,132	466,000	21,234	0	466,000	0	0	466,000	0
TSU - Main	0.105	3.528	13.38	0.060	0.802	0.045	1.220	770,663	940,000	0	0	940,000	0	0	940,000	0
TSU - Dothan	0.015	5.570	7.55	0.066	0.502	0.083	0.673	67,163	45,000	0	0	45,000	0	0	45,000	0
TSU - Montg.	0.104	5.240	27.34	0.078	2.147	0.128	2.829	97,630	276,000	0	0	276,000	0	0	276,000	0
TSU - Phenix C	0.000	0.000	23.70	0.087	2.066	0.072	2.142	5,520	12,000	0	0	12,000	0	0	12,000	0
UA - MUR & EAD	0.039	3.039	16.84	0.054	0.918	0.072	1.112	3,310,335	3,681,000	464,359	123,200	4,145,589	464,359	123,200	4,310,000	464,359
UAB - U.C.	0.054	4.657	25.90	0.064	1.665	0.104	2.027	1,300,054	2,635,000	203,300	0	2,838,300	203,300	0	3,041,600	203,300
UAB - Opt.	0.185	7.108	40.44	0.056	2.248	0.103	3.671	75,267	276,000	0	0	276,000	0	0	276,000	0
UAB - JHS	0.339	6.047	50.30	0.054	2.741	0.322	5.130	148,714	763,000	30,439	0	793,439	30,439	0	823,878	30,439
UAB - Nursing	0.131	7.391	33.51	0.051	1.716	0.151	2.844	108,470	308,000	18,316	0	326,316	18,316	0	344,632	18,316
UAB - SCBH	0.167	5.471	38.42	0.051	1.868	0.163	3.053	143,445	438,000	28,945	0	466,945	28,945	0	495,890	28,945
UAB - Pub. Hea	0.112	7.052	23.86	0.066	1.586	0.134	2.517	90,650	228,000	1,475	0	229,475	1,475	0	230,950	1,475
UAB - OAH	0.019	3.556	19.17	0.063	1.212	0.057	1.339	799,043	1,070,000	0	0	1,070,000	0	0	1,070,000	0
UAB - Nursing	0.000	0.000	18.57	0.073	1.356	0.000	1.356	43,000	58,000	0	0	58,000	0	0	58,000	0
UMS	0.145	3.428	12.45	0.054	0.678	0.085	1.265	611,993	774,000	193,603	0	967,603	193,603	0	1,161,206	193,603
UNA	0.032	4.872	18.22	0.052	0.953	0.045	1.157	810,083	937,000	35,614	0	972,614	35,614	0	1,008,228	35,614
USA - OAH	0.095	2.846	21.44	0.051	1.098	0.065	1.439	1,343,435	1,934,000	390,235	49,500	2,374,235	390,235	49,500	2,423,735	390,235

Totals 16,801,260 26,448,000 1,860,742 1,441,613 3,070,000 29,918,000

* UM COST/MMBTU ADJUSTED TO REFLECT EQUIVALENT NATURAL GAS COST

UNIVERSITIES
Sponsored Research Dollars 1985-86

	Research Amount	5% of Res. Amount
Alabama A&M University	\$5,009,946	\$250,497
Alabama State University	581,745	29,087
Athens State College		
Auburn University	14,766,501	738,325
Auburn Univ. at Montgomery		
Jacksonville State University		
Livingston University		
Troy State University	91,089	4,554
University of Alabama	6,222,893	311,145
Univ. of AL in B'ham		
-University College	812,775	40,639
-Joint Health Sciences	10,107,686	505,384
-SHAP/RTI	1,280,937	64,047
-Nursing	85,191	4,260
-Public Health	1,536,452	76,823
-Phys. Optics	573,531	28,677
UAB: Subtotal	14,396,572	719,829
Univ. of AL in Huntsville	5,261,343	263,067
University of Montevallo	295,180	14,759
University of North Alabama	155,703	7,785
University of South Alabama		
-Main	161,559	8,078
-Allied Health	11,453	573
-Nursing	0	0
-Basic Medical Sciences	3,041,335	152,067
USA: Subtotal	3,214,347	160,717
TOTALS	49,995,319	2,499,766
TOTALS - not including A.H.	36,400,069	1,820,003

1988-89 FORMULA
Line Items Included in SREB Data

	<u>1985-86</u>	<u>1986-87</u>
<u>Alabama A&M University</u>		
Vocational Teacher Education	\$280,000	\$266,107
Educational Enhancement		1,000,000
AL. Ctr. for Higher Educ.		100,000
 <u>Alabama State University</u>		
Communc. Ctr/Public Radio Sta.	200,000	190,076
Educational Enhancement	1,500,000	1,614,886
Tutorial & Dev. Studies		600,000
AL. League for Adv. of Educ.		50,000
Public Service Center	100,000	95,038
 <u>Auburn University</u>		
Library	839,452	734,000
Energy Research	299,950	269,955
Engineering Experiment Station	1,240,121	
Clinical Psychology	128,006	115,205
Vocational Teacher Training	581,845	523,606
Educational Television	409,697	368,727
Public Service, Res. & Ext.	609,929	548,936
T. Pierce Inst./Ad.of Teach.Ed.	100,000	90,000
School of Forestry	175,000	125,000
Adv. Mfg. Tech., Center	500,000	400,000
Dev. of Genetic Engr. Appl.	500,000	400,000
Res. Library Enhancement	437,277	400,000
Archit. & Indust. Design	200,000	100,000
Intern't. Comm. & Indust. Dev.	410,000	200,000
Highway Research Center	400,000	250,000
Pulp & Paper Research Prog.	590,000	300,000
Textile Engr. Dept.	230,000	100,000
Food Animal Hlth & Dis. Res.		333,900
Equipment		50,000
Nursing Scholarships		18,000
 <u>Auburn Univ. at Montgomery</u>		
Public Service, Res. & Ext.	728,000	454,282
Library Enhancement		80,000
Comm. Health Science Inst.		51,321
Nursing Scholarships		18,000
 <u>Jacksonville State University</u>		
Gadsden Educ. Prog.	339,000	
Vocational Education	107,000	107,000
Cerebral Palsy	107,000	107,000
Ctr. for Economic Dev.	194,565	300,000
Development Educ. Project	200,435	189,591
Public Service & Research	100,000	94,590
Southern Studies Ctr.	250,000	

Jacksonville State University (continued)

Sensory Impaired Post-Sec.Prog.		94,590
Community Education Devel.		40,000
Nursing Scholarships		18,000

Livingston University

Nursing Scholarships		18,000
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Troy State University

Nursing (Montgomery)		235,000
Ctr. for Development Education	300,000	240,000
Public Radio Station	325,000	160,000
Research & Public Service	401,950	250,000
Ctr. for Environ. Res.	215,000	200,000
Nursing Scholarships		36,000

University of Alabama

Research & Public Service	6,317,020	5,829,123
School of Mines	1,895,980	1,699,636
Safe State Program	455,680	408,491
Alabama Museum	337,320	279,488
Developmentally Disabled	26,500	23,756
Emotionally Disturbed Children	581,560	
Rural Infact Stimulation Env.	204,140	
Univ. Research Library	1,319,830	544,500
Indus. Mgt. & Mfg. Tech. Prog.	4,625,000	2,970,000
Computer Res. & Dev.	750,000	668,250
Alabama Poison Control Ctr.	200,000	173,250

Univ. of Alabama in Birmingham

School of Engr. & Business	460,350	189,372
Ctr. for Labor Ed. & Res.	333,630	318,717
Research Dev. & Relations	394,000	
Urban Res. & Pub. Service	632,620	729,342
Biomedical Sciences Prog.	328,210	163,239
Res. Library Enhancement	728,954	
Neuro-Science Research	250,000	
Ctr. for Adv. of Dev. Indust.		489,436
Ctr. for Indus. & Appl. Res.		376,388

University of Alabama in Huntsville

Center for High Technology	99,608	
Research Institute	259,502	289,023
Johnson Environ. & Energy Ctr.	407,823	378,000
Solar Energy Ctr.	378,067	351,000
Dev. Computer Educa.	175,000	160,000
Ctr. for Robotics	500,000	464,000
Div. for Applied Optics	600,000	557,600
Ctr. for Microgravity Sci.	500,000	464,000
Econ. Research		150,000

University of Montevallo

Highway Safety Program	145,834	124,826
ETV Center	100,405	85,942
School for Aphasic Children	286,994	245,653
Inst. for Mgt. Info. Systems	185,400	
AL Outdoor Drama	10,000	
School of Business		329,883
Ctr. for Excellence in Under-graduate Liberal Studies		25,000

University of North Alabama

Research & Public Service	365,000	346,889
Ctr. for Bus. Prod. & Rel.	200,000	190,076
Dev. Computer Educa.	175,000	95,038
Occupational & Hith Lab.		50,000
Nursing Scholarships		18,000

University of South Alabama

Research & Public Service	98,000	93,137
Alabama Bus. Trans. Program	100,000	95,038
Environmental & Econ. Ser. Prg.	100,000	95,038

TOTALS	\$37,526,654	\$31,407,941
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1988-89 FORMULA

Line Item Health Programs Excluded from
Computation of Alabama Funding Needs
at Southern Region Average

AU	-	Veterinary Medicine
	-	Engineering Experiment Station, AES/CES
UAB	-	Joint Health Sciences
	-	School of Nursing
	-	School of Community & Allied Health
	-	Regional Technical Institute
	-	School of Public Health
UAH	-	School of Nursing
USA	-	Division of Allied Health
	-	School of Nursing
	-	Basic Medical Sciences

SECTION E
FUNDING FORMULA SUPPORTING DATA
TWO-YEAR INSTITUTIONS

ALABAMA JUNIOR COLLEGES
HEADCOUNT ENROLLMENT

<u>Institution</u>	<u>Fall</u> <u>1983</u>	<u>Fall</u> <u>1984</u>	<u>Fall</u> <u>1985</u>	<u>Fall</u> <u>1986</u>
Alexander City	1,202	1,098	1,112	1,051
Bishop	1,629	1,587	1,600	1,664
Brewer	731	676	714	680
Chattahoochee Valley	1,548	1,396	1,509	1,564
Jefferson Davis	903	819	856	887
Enterprise	1,864	2,076	2,297	2,084
Faulkner	1,665	1,710	1,708	2,050
Patrick Henry	721	692	697	751
Jefferson State	6,800	6,030	5,844	5,541
Northeast	966	1,003	1,162	1,140
Northwest	1,199	1,086	1,179	1,365
Snead	1,104	1,116	1,146	1,295
Southern Union	1,691	1,801	1,711	2,119
L. B. Wallace	906	774	869	1,001
TOTAL	22,929	21,864	22,404	23,195

ALABAMA COMMUNITY COLLEGES

Calhoun	6,111	5,482	5,817	6,341
State of AL CC in Gadsden	4,549	3,903	3,979	4,036
Lawson	1,716	1,552	1,728	1,381
Shelton	3,262	3,227	3,215	2,955
G. C. Wallace - Dothan	3,250	2,885	2,977	3,298
G. C. Wallace - Hanceville	2,761	2,543	2,719	2,951
G. C. Wallace - Selma	1,476	1,466	1,489	1,426
TOTAL	23,125	21,058	21,924	22,388
GRAND TOTAL TWO-YEAR	46,054	42,922	44,328	45,583

SOURCE: Department of Postsecondary, Fall 1983 - 1985;
Integrated Postsecondary Education Data System (IPEDS)
Fall, 1986.

ALABAMA JUNIOR COLLEGES
FTE ENROLLMENT

<u>INSTITUTION</u>	<u>Fall 1983</u>	<u>Fall 1984</u>	<u>Fall 1985</u>	<u>Fall 1986</u>
Alexander City 1	1,011	910	916	846
Bishop	1,350	1,275	1,314	1,344
Brewer 2	610	590	628	639
Chattahoochee Valley	1,229	1,095	1,136	1,166
Jefferson Davis 1	773	730	799	821
Enterprise	1,601	1,608	1,647	1,558
Faulkner	1,431	1,481	1,498	1,764
Patrick Henry	586	598	628	629
Jefferson State	5,088	4,485	4,253	4,314
Northeast	807	810	940	958
Northwest	978	917	994	1,120
Snead	1,000	1,016	999	1,102
Southern Union 3	1,313	1,358	1,353	1,502
L. B. Wallace	801	712	765	822
TOTAL	18,578	17,585	17,870	18,585
<u>ALABAMA PUBLIC COMMUNITY COLLEGES</u>				
Calhoun	4,514	3,958	4,097	4,487
Lawson	1,550	1,413	1,473	1,463
Shelton	2,433	2,371	2,422	2,550
State of AL CC in Gadsden				
Alabama Technical	761	638	602	692
Gadsden Technical	159	118	127	134
Gadsden Junior	3,119	2,703	2,822	2,653
G. C. Wallace St.-Dothan	2,719	2,323	2,220	2,447
G. C. Wallace St.-Hanceville	2,406	2,173	2,211	2,507
G. C. Wallace St.-Selma	1,210	1,177	1,209	1,245
TOTAL	18,871	16,874	17,183	18,178
GRAND TOTAL TWO-YEAR	37,449	34,459	35,053	36,763

1. Includes Prison programs.
2. Includes Tuscaloosa campus.
3. Includes Valley campus.

SOURCE: Alabama Department of PostSecondary Education Fall Enrollment Reports.

ALABAMA TECHNICAL COLLEGES

HEADCOUNT ENROLLMENT

<u>Institution</u>	Fall <u>1983</u>	Fall <u>1984</u>	Fall <u>1985</u>	Fall <u>1986</u> ADPSE	Fall <u>1986</u> IPEDS
AL Aviation & Technical	506	479	556	539	422
Atmore	376	427	454	462	462
Ayers	682	624	642	697	697
Bessemer	2,167	1,881	1,782	1,884	1,765
Carver	572	480	453	514	455
Drake	731	663	778	733	733
Fredd	369	303	333	367	375
Hobson	562	515	499	534	517
Ingram	904	1,322	963	821	821
MacArthur	550	473	517	469	470
Muscle Shoals	1,004	804	790	848	711
Northwest	557	554	577	518	525
Nunnelley	677	609	875	579	496
Opelika	567	534	518	478	475
Patterson	809	688	800	869	776
Reid	395	403	317	333	306
Southwest	933	910	892	818	786
Sparks	358	337	346	418	379
Trenholm	759	638	763	686	703
Walker	1,085	812	3,171*	882	479
TOTAL	20,627	19,034	22,191	13,449	12,353

SOURCE: For years many two-year institutions were not included in the Higher Education General Information Survey (HEGIS) universe, so that for coverage purposes, headcount enrollment defined by the AL. Dept. of Postsecondary Education were reported. With the establishment of the Integrated Post-Secondary Data System (IPEDS), ALL INSTITUTIONS will be covered. For consistency across higher education, headcounts for two-year colleges will be reported as defined under IPEDS. The counts differ by the exclusion of students not enrolled for degree/award credit.

* Includes class in mining technology.

SECTION F
FACILITIES RENEWAL ALLOWANCES

FACILITIES RENEWAL REQUIREMENTS

Basis of Estimates

In its Unified Budget Recommendations for 1985-86, 1986-87, and 1987-88 the Alabama Commission on Higher Education included funding, to be provided from non-recurring revenues, for the renewal of facilities. The amount recommended for each institution was the estimated increase in total facilities renewal backlog generated in the last year.

The method used by the Commission staff to estimate facilities renewal needs is not as precise as a carefully prepared engineering estimate based on detailed facilities inspections. However, until each institution has thoroughly documented its entire requirement for repair and renovation a detailed engineering estimate cannot be prepared, and the process followed by the staff provides a consistent and realistic estimate of needs. This method of estimating facilities renewal needs is being adopted by a number of states and institutions. (See references (a), (b), and (c).)

The rationale behind the process is as follows:

- (1) The incidence of major repair and the need for general renovation of a building increase with its age and the relationship is generally skewed toward the older, unrenovated facilities.

(2) Different elements of a building wear out or become obsolete at different ages. For example, foundations and principal elements of the superstructure are essentially permanent. Exterior walls, plumbing and lighting have expected life of 40 to 50 years. Roofs and air conditioning should last 20 to 25 years. Interior surfaces require reworking in 10 years or less.

(3) Different types of buildings, even though constructed to similar standards of quality and of similar materials, are comprised of different combinations ("mixes") of elements, and the cost of replacing or renovating each type depends on the mix and the cost per square foot of each element.

(4) The "renewal allowance" of a building is defined as the amount which should be budgeted in any year to provide for the aging of all elements of that building. The "renewal liability" or "renewal backlog" of a building is defined as the summation of all the years' renewal allowances to date, for that building, from its initial completion (or latest complete renovation) and is a measure of the total amount which should be spent to bring the building to essentially new condition. The renewal allowances and backlogs are estimated by multiplying the sums of maximum renewal costs for each 25-year and 50-year element by factors reflecting the age of the building elements.

Attachment (1) summarizes maximum renewal costs, at 1987 construction cost levels, for 50-year and 25-year elements, for different types of college and university buildings, derived from

the 1986 Dodge and Means estimating manuals (escalated to 1987 levels by factors indicated in footnote of Attachment 1). Elements normally requiring reworking or replacement in less than 20 to 25 years (e.g. wall finishes) are not included in renewal costs, on the basis that these elements are dealt with in the course of regular maintenance.

Procedure for Calculating Renewal Allowances and Backlogs

Renewal Allowances and Renewal Backlogs are calculated as follows:

(1) Calculate the current replacement value of each 50-year and 25-year element of each major campus building according to Attachment (1) and determine the Maximum Renewal Allowance for each facility as follows:

(a) 50-year Elements: Maximum Renewal Allowance is the sum of the current replacement costs of 50-year elements.

(b) 25-Year Elements: Maximum Renewal Allowance is the sum of the current replacement costs of 25-year elements.

(2) Calculate the "adjusted age" of the 50-year and 25-year elements for each building that has undergone renovation since its construction (up to 50 and 25 years respectively), as follows:

(a) 50-year Elements - Multiply the proportion of the building area renovated by the time elapsed since each renovation. Multiply the proportion not renovated (i.e. one minus the proportion renovated) by the age of the building up to

and including 50 years. The sum of the two (or more) products equals the adjusted age of 50-year elements.

(b) 25-year Elements - Multiply the proportion of the building area renovated by the time elapsed since each renovation. Multiply the proportion not renovated by the age of the building, up to and including 25 years. The sum of the two (or more) products equals the adjusted age of the 25-year elements.

(3) Calculate the current year Renewal Allowance for each facility as follows:

(a) 50-year Elements - Divide the building age (actual or adjusted), up to and including 50 years, by 1,275 (the sum of the years digits from 1 to 50). Multiply the quotient by the Maximum Renewal Allowance for 50-year elements and this product by the gross building area.

(b) 25-year Elements - Divide the building age (actual or adjusted), up to and including 25 years, by 325 (the sum of the years digits from 1 to 25). Multiply the quotient by the Maximum Renewal Allowance for 25-year elements and this product by the gross building area.

(c) Add products (a) and (b).

(4) Calculate a 50-year element renewal factor and a 25-year renewal factor for each facility as follows:

(a) 50-year Elements: Sum the numbers from 1 to the current (actual or adjusted) age of the building (up to 50 years) and divide by 1,275.

$$F_{50} = \frac{1 + 2 + \dots + \text{Current Age}}{1 + 2 + \dots + 49 + 50}$$

(b) 25-year Elements: Sum the numbers from 1 to the current (actual or adjusted) age of the building (up to 25 years) and divide by 325.

$$F_{25} = \frac{1 + 2 + \dots + \text{Current Age}}{1 + 2 + \dots + 24 + 25}$$

(5) Calculate the Renewal Backlog for each building as follows:

Renewal Backlog = (50-year renewal factor) x (50-year Maximum Renewal Allowance) + (25-year renewal factor) x (25-year Maximum Renewal Allowance).

(6) Sum the calculated current year Renewal Allowances and Renewal Backlogs for all campus facilities broken down by funding category (e.g. E & G, Health Professions, etc.) The sum of the Renewal Backlogs represents current total renovation backlog. The sum of the current year Renewal Allowances will be the amount which should be appropriated for facility renewal for the current year.

Attachment (2) summarizes Renewal Allowances and Renewal Backlogs for all Alabama public postsecondary institutions, based on Fall, 1986, inventories and 1987 cost data.

References

- (a) Sherman, Douglas R., & Dergis, Wm. A., Funding Model for Building Renewal; NACUBO Business Officer, February, 1981.

- (b) Kaiser, Harvey H., Facility Funding-Repairs and Renovations; APPA Newsletter, February, 1982.

- (c) Phillips, Jr., Cushing, Facilities Renewal: The Formula Approach: Proceedings of the 73rd Annual meeting of APPA, July 1986.

BUILDING REPLACEMENT/RENEWAL COSTS BY COMPONENT - 1987

FACILITY CATEGORY NUMBER	FACILITY CATEGORY	NOTES	50-YEAR ELEMENTS										25-YEAR ELEMENTS			
			EXTERIOR WALLS	PARTITIONS	CONVEYING SYSTEMS	SPECIALTIES	FIXED EQUIPMENT	PLBG & FIRE PROTECTION	ELECTRICAL	TOTAL 50-YEAR	ADJ TOTAL 50-YEAR	ROOFING	HVAC	TOTAL 25-YEAR	ADJ TOTAL 25-YEAR	
1	CLASSROOM/ADMIN	1	6.55	6.02	0.00	2.79	8.90	7.59	11.61	43.46	34.22	0.96	15.71	16.67	13.13	
2	LABORATORY	1	5.93	5.93	0.00	2.92	8.03	9.92	13.78	46.51	36.42	1.92	16.88	18.80	14.80	
3	VOCATIONAL SCHL	1	9.04	5.79	0.00	3.51	3.84	2.60	8.39	33.17	28.12	3.25	4.49	7.74	6.09	
4	LIBRARY	1	7.77	6.98	0.98	3.15	11.02	6.69	10.92	47.51	37.41	2.16	14.66	16.82	13.24	
5	GYMNASIUM	1	9.21	6.31	0.00	1.42	7.65	7.58	7.09	39.26	30.91	1.84	9.64	11.48	9.04	
6	SWIMMING POOL	2	11.53	7.97	0.00	0.00	0.00	2.24	3.85	28.43	30.79	1.77	9.20	10.97	11.88	
7	AUDITORIUM	2	9.26	6.52	1.94	0.00	4.73	1.52	8.25	32.22	34.57	2.99	8.14	11.13	11.94	
8	STUDENT CENTER	1	7.69	2.94	0.00	7.86	12.70	7.69	7.17	46.05	36.26	2.07	11.40	13.47	10.61	
9	CENTRAL UTIL PLT	1	5.57	0.30	0.00	0.55	6.48	4.79	10.54	28.23	22.23	2.36	5.52	7.88	6.21	
10	SHOP	1	5.33	0.24	0.00	0.00	1.96	2.49	0.93	10.95	8.42	2.05	3.52	5.57	4.39	
11	MEDICAL CLINIC	2	9.48	11.52	0.00	0.00	2.48	5.30	3.93	32.71	38.83	1.99	7.61	9.60	11.40	
12	MED CTR/HOSPITAL	1	16.48	9.79	11.59	2.83	4.44	9.40	15.97	70.70	55.67	3.09	22.66	25.75	20.28	
13	RESIDENCE	1	4.57	4.44	0.00	0.83	2.60	1.85	2.05	16.14	12.71	2.05	2.94	4.99	3.93	
14	DORMITORY	1	7.46	5.69	4.28	1.65	2.87	4.83	5.44	32.22	25.37	0.37	5.93	6.30	4.96	
15	OTHER (WAREHOUSE)	2	3.41	1.19	0.00	1.15	0.00	2.31	2.29	10.35	13.59	2.11	2.65	4.76	6.25	

NOTES: 1 - DODGE CONSTRUCTION SYSTEMS COSTS - 1986 (REGIONAL FACTOR - 0.772) ESCALATED TO 1987 VALUES
 2 - MEANS SQUARE FOOT COSTS - 1986 (REGIONAL FACTOR - 0.855) ESCALATED TO 1987 VALUES

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FACILITIES RENEWAL FORMULA 1987 - SUMMARY

ANNUAL RENEWAL ALLOWANCE

CATEGORY	G.S.F. ALL INSTITUTIONS	SENIOR INSTITUTIONS	COMMUNITY COLLEGES	JUNIOR COLLEGES	TECHNICAL COLLEGES	MARINE ENVIRON. SCIENCE CONS.	TOTAL
E & G	21,994,637	\$17,098,536	\$1,979,828	\$2,185,326	\$1,377,010	\$54,615	\$22,695,315
AUXILIARY	11,758,502	\$6,546,809	\$138,735	\$193,102	\$133,620	\$17,467	\$7,029,733
OTHER	1,043,565	\$739,261	\$8,512	\$12,741	\$7,237		\$767,751
HOSPITALS	1,714,867	\$3,274,794					\$3,274,794
HEALTH	2,516,062	\$2,827,181					\$2,827,181
AES/CES	1,267,656	\$958,725					\$958,725
TOTALS	40,295,289	\$31,445,306	\$2,127,075	\$2,391,169	\$1,517,867	\$72,082	\$37,553,499

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FACILITIES RENEWAL FORMULA 1987 - SUMMARY

CUMULATIVE RENEWAL BACKLOG

CATEGORY	G.S.F. ALL INSTITUTIONS	SENIOR INSTITUTIONS	COMMUNITY COLLEGES	JUNIOR COLLEGES	TECHNICAL COLLEGES	MARINE ENVIRON. SCIENCE CONS.	TOTAL
E & G	21,994,637	\$194,997,650	\$19,387,395	\$20,653,333	\$13,588,425	\$754,916	\$249,381,719
AUXILIARY	11,758,502	\$79,882,626	\$1,432,840	\$2,083,443	\$1,366,754	\$177,484	\$84,943,147
OTHER	1,043,565	\$9,177,686	\$118,103	\$116,769	\$71,792		\$9,484,350
HOSPITALS	1,714,867	\$45,536,533					\$45,536,533
HEALTH	2,516,062	\$30,347,743					\$30,347,743
AES/DES	1,267,656	\$11,081,499					\$11,081,499
TOTAL	40,295,289	\$371,023,737	\$20,938,338	\$22,853,545	\$15,026,971	\$932,400	\$430,774,991

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FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
PUBLIC SENIOR INSTITUTIONS

INSTITUTION	CATEGORY	BUILDING AREA (GSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
ALABAMA A & N UNIV	E & G	806,966	869,388	11,445,177
	AUXILIARY	512,475	329,631	3,344,918
	OTHER	17,768	39,530	743,135
	TOTAL	1,337,209	1,238,549	15,533,230
ALABAMA STATE UNIV	E & G	600,624	724,499	9,552,023
	AUXILIARY	434,191	327,895	4,059,551
	TOTAL	1,034,815	1,052,394	13,611,574
ATHENS STATE COLLEGE	E & G	160,245	242,410	3,670,317
	AUXILIARY	39,307	21,147	263,407
	OTHER	700	1,150	15,505
	TOTAL	199,252	264,707	3,949,229
AUBURN UNIVERSITY	E & G	3,017,078	3,689,446	42,971,658
	HEALTH PROF	221,847	278,667	2,955,349
	AES/CES *	1,267,656	958,725	11,081,499
	AUXILIARY	1,669,168	540,571	6,241,985
	OTHER	321,729	469,356	6,376,541
	TOTAL	6,497,478	5,936,765	69,627,032
AUBURN UNIVERSITY/NTSG	E & G	487,698	319,034	2,147,781
	AUXILIARY	98,049	32,675	147,038
	OTHER			
	TOTAL	585,747	351,709	2,294,819
JACKSONVILLE STATE UNIV	E & G	1,065,021	991,034	8,891,629
	AUXILIARY	714,468	497,223	5,507,392
	OTHER	4,522	4,487	31,922
	TOTAL	1,784,011	1,492,744	14,430,943
LIVINGSTON UNIVERSITY	E & G	425,212	478,892	5,012,445
	AUXILIARY	212,777	141,256	1,502,536
	TOTAL	637,989	620,148	6,514,981

FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
PUBLIC SENIOR INSTITUTIONS

INSTITUTION	CATEGORY	BUILDING AREA (GSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
TROY STATE UNIV - MAIN	E & G	684,236	669,119	7,230,115
	AUXILIARY	458,243	343,754	4,483,668
	OTHER	3,366	1,075	3,224
	TOTAL	1,145,845	1,013,948	11,717,007
TROY STATE UNIV-DOTHAN	E & G	81,192	148,497	2,747,525
	AUXILIARY	4,900	9,140	153,252
	OTHER	2,564	571	1,143
	TOTAL	88,656	158,208	2,901,920
TROY STATE UNIV - MTSY	E & G	81,714	53,719	363,132
	AUXILIARY	831	570	3,238
	TOTAL	82,545	54,289	366,370
TROY STATE UNIV-PH CITY **	E & G	5,520	2,869	12,908
	AUXILIARY	3,680	1,912	8,606
	TOTAL	9,200	4,781	21,514
UNIVERSITY OF ALABAMA	E & G	3,115,154	3,890,337	46,716,935
	HEALTH PROFESSI	111,157	94,868	834,733
	AUXILIARY	2,282,405	1,519,842	16,649,619
	OTHER	50,295	68,228	930,901
	TOTAL	5,559,011	5,573,275	65,132,188
UNIV OF ALABAMA/BHM	E & G	1,748,704	1,802,389	20,305,798
	HEALTH PROFESSI	1,743,252	2,033,802	22,498,388
	HOSPITALS	1,294,446	2,252,780	32,335,106
	AUXILIARY	2,136,713	782,122	6,587,717
	OTHER	466,006	92,406	761,529
	TOTAL	7,389,121	6,963,499	82,488,538

FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
PUBLIC SENIOR INSTITUTIONS

INSTITUTION	CATEGORY	BUILDING AREA (GSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
UNIV OF ALABAMA/HVILLE	E & G	757,583	657,728	5,620,911
	HEALTH PROFESSI	90,378	132,803	2,046,278
	AUXILIARY	271,090	86,873	573,257
	OTHER	3,872	5,101	60,144
	TOTAL	1,122,923	882,505	8,300,590
UNIV OF MONTEVALLO	E & G	607,568	629,018	7,093,244
	AUXILIARY	357,383	228,713	3,189,800
	TOTAL	964,951	857,731	10,283,044
UNIV OF NORTH ALABAMA	E & G	769,024	911,445	11,585,454
	AUXILIARY	301,695	235,590	2,633,580
	TOTAL	1,070,719	1,147,035	14,219,034
UNIV OF SOUTH ALABAMA	E & G	1,071,059	1,018,712	9,630,598
	HEALTH PROFESSI	349,428	287,041	2,012,995
	HOSPITALS	420,421	1,022,014	13,201,427
	AUXILIARY	1,654,667	1,447,895	24,533,062
	OTHER	130,264	57,357	253,642
	TOTAL	3,625,839	3,833,019	49,631,724
TOTALS - SENIOR INST	E & G	15,484,598	17,098,536	194,997,650
	HEALTH PROFESSI	2,516,062	2,827,181	30,347,743
	AES/CES	1,267,656	958,725	11,081,499
	HOSPITALS	1,714,867	3,274,794	45,536,533
	AUXILIARY	11,151,042	6,546,809	79,882,626
	OTHER	1,001,086	739,261	9,177,686
	TOTAL	33,135,311	31,445,306	371,023,737
		33,135,311	31,445,306	371,023,737

RNWSMYS7 - 11/25/87

* AES/CES - 1986 RENEWAL FORMULA DATA

** TSUP - 1986 RENEWL FORMULA DATA

FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
PUBLIC COMMUNITY COLLEGES

INSTITUTION	CATEGORY	BUILDING AREA (GSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
CALHOUN - ACADEMIC DIV	E & G	317,083	264,428	2,200,499
	AUXILIARY	22,383	21,335	183,199
	TOTAL	339,466	285,763	2,383,698
CALHOUN - TECHNICAL DIV	E & G	140,523	112,792	1,332,724
	AUXILIARY	4,645	3,855	45,080
	OTHER	16,538	8,512	118,103
TOTAL	161,706	125,159	1,495,907	
CALHOUN - TOTAL	E & G	457,606	377,220	3,533,223
	AUXILIARY	27,028	25,190	228,279
	OTHER	16,538	8,512	118,103
TOTAL	501,172	410,922	3,879,605	
GADSDEN - GADSDEN J C	E & G	312,433	356,191	3,498,347
	AUXILIARY	61,797	39,409	316,214
	TOTAL	374,230	395,600	3,814,561
GADSDEN - GADSDEN T I	E & G	59,667	69,553	781,819
	AUXILIARY	3,534	2,806	19,642
	TOTAL	63,201	72,359	801,461
GADSDEN - ALABAMA T C	E & G	187,378	137,927	1,512,240
	AUXILIARY	3,362	2,259	13,552
	TOTAL	190,740	140,186	1,525,792
GADSDEN - TOTAL	E & G	559,478	563,671	5,792,406
	AUXILIARY	68,693	44,474	349,408
	TOTAL	628,171	608,145	6,141,814

FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
PUBLIC COMMUNITY COLLEGES

INSTITUTION	CATEGORY	BUILDING AREA (GSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
LAWSON - ACADEMIC DIV	E & G	171,147	184,737	1,734,747
	AUXILIARY	6,017	2,940	13,230
	TOTAL	177,164	187,677	1,747,977
LAWSON - TECHNICAL DIV	E & G	98,473	63,879	850,893
LAWSON - TOTAL	E & G	269,620	248,616	2,585,640
	AUXILIARY	6,017	2,940	13,230
	TOTAL	275,637	251,556	2,598,870
SHELTON - ACADEMIC DIV	E & G	97,309	106,627	871,247
	AUXILIARY	1,100	1,205	9,849
	TOTAL	98,409	107,832	881,096
SHELTON - TECHNICAL DIV	E & G	85,300	98,563	1,312,422
	AUXILIARY	18,663	22,972	320,553
	TOTAL	103,963	119,535	1,632,975
SHELTON - TOTAL	E & G	182,609	203,190	2,183,669
	AUXILIARY	19,763	24,177	330,402
	TOTAL	202,372	227,367	2,514,071
G C W DOTHAN - ACAD DIV	E & G	205,888	174,575	1,665,894
	AUXILIARY	30,388	30,862	411,380
	TOTAL	236,276	205,437	2,077,274
GCW DOTHAN - TECH DIV	E & G	155,495	121,375	1,384,200
GCW DOTHAN - TOTAL	E & G	361,383	295,950	3,050,094
	AUXILIARY	30,388	30,862	411,380
	TOTAL	391,771	326,812	3,461,474

FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
PUBLIC COMMUNITY COLLEGES

INSTITUTION	CATEGORY	BUILDING AREA (GSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
GCW HANCEVILLE	E & G	220,229	118,001	784,379
	AUXILIARY	2,540	893	4,912
	TOTAL	222,769	118,894	789,291
GCW SELMA - ACAD DIV	E & G	119,852	104,272	727,682
	AUXILIARY	5,048	3,083	16,957
	TOTAL	124,900	107,355	744,639
GCW SELMA - TECH DIV	E & G	74,433	68,908	730,302
	AUXILIARY	5,040	7,116	78,272
	TOTAL	79,473	76,024	808,574
GCW SELMA - TOTAL	E & G	194,285	173,180	1,457,984
	AUXILIARY	10,088	10,199	95,229
	TOTAL	204,373	183,379	1,553,213
TOTALS - ACAD DIV*	E & G	1,443,941	1,308,831	11,482,795
	AUXILIARY	129,273	99,727	955,741
	TOTAL	1,573,214	1,408,558	12,438,536
TOTALS - TECH DIV	E & G	801,269	670,997	7,904,600
	AUXILIARY	35,244	39,008	477,099
	OTHER	16,538	8,512	118,103
	TOTAL	853,051	718,517	8,499,802
TOTALS	E & G	2,245,210	1,979,828	19,387,395
	AUXILIARY	164,517	138,735	1,432,840
	OTHER	16,538	8,512	118,103
	TOTAL	2,426,265	2,127,075	20,938,338

FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
PUBLIC JUNIOR COLLEGES

INSTITUTION	CATEGORY	BUILDING AREA (GSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
ALEXANDER CITY	E & G	151,787	171,908	1,713,525
	AUXILIARY	3,657	5,704	62,745
	OTHER	114	95	807
	TOTAL	155,558	177,707	1,777,077
BISHOP	E & G	162,490	167,306	1,650,900
	AUXILIARY	5,680	8,856	109,907
	TOTAL	168,170	176,162	1,760,807
BREWER	E & G	110,464	90,248	683,373
	AUXILIARY	1,333	1,154	8,160
	TOTAL	111,797	91,402	691,533
CHATTAHOOCHEE VALLEY	E & G	87,980	48,844	246,437
JEFFERSON DAVIS	E & G	131,412	120,380	1,097,450
ENTERPRISE	E & G	119,520	141,426	1,477,761
	AUXILIARY	7,739	9,175	89,754
	OTHER	3,373	5,261	57,872
	TOTAL	130,632	155,862	1,624,387
FAULKNER	E & G	135,157	117,433	963,413
	AUXILIARY	66,492	22,181	163,767
	OTHER	4,346	4,556	39,540
	TOTAL	205,995	144,170	1,166,720
PATRICK HENRY	E & G	85,256	91,298	714,331
	AUXILIARY	2,256	2,114	20,084
	TOTAL	87,512	93,412	734,415
JEFFERSON	E & G	469,739	440,867	3,779,019
	AUXILIARY	39,701	35,148	280,346
	TOTAL	508,440	476,015	4,059,365

FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
PUBLIC JUNIOR COLLEGES

INSTITUTION	CATEGORY	BUILDING AREA (GSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
NORTHEAST ALABAMA	E & G	189,218	193,932	1,733,757
	AUXILIARY	4,659	6,065	62,572
	TOTAL	193,877	199,997	1,796,329
NORTHWEST ALABAMA	E & G	156,497	185,975	2,008,559
	AUXILIARY	10,869	15,820	176,779
	OTHER	2,072	1,735	13,080
	TOTAL	169,438	203,530	2,198,418
SNEAD	E & G	174,328	192,040	2,532,096
	AUXILIARY	46,477	49,949	792,487
	TOTAL	220,805	241,989	3,324,583
SOUTHERN UNION	E & G	171,859	159,828	1,465,149
	AUXILIARY	47,265	28,303	253,096
	TOTAL	219,124	188,131	1,718,245
LURLEEN B WALLACE	E & G	84,620	73,841	587,563
	AUXILIARY	10,096	8,633	64,746
	OTHER	6,000	1,094	5,470
	TOTAL	100,716	83,568	657,779
TOTALS - JR COLLEGES	E & G	2,230,327	2,185,326	20,653,333
	AUXILIARY	245,224	193,102	2,083,443
	OTHER	15,905	12,741	116,769
	TOTAL	2,491,456	2,391,169	22,853,545

FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
PUBLIC TECHNICAL COLLEGES

INSTITUTION	CATEGORY	BUILDING AREA (GSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
ALABAMA AVIATION & TECH	E & G	111,566	86,234	936,388
	AUXILIARY	25,045	17,098	170,982
	TOTAL	136,611	103,332	1,107,370
ATHORE	E & G	51,030	24,528	146,863
AYERS	E & G	98,882	73,328	747,018
	AUXILIARY	5,191	6,677	73,443
	OTHER	929	1,312	14,428
	TOTAL	105,002	81,317	834,889
BESSENER	E & G	209,686	63,560	361,206
	AUXILIARY	9,068	1,822	3,899
	OTHER	1,807	496	1,985
	TOTAL	220,561	65,878	367,090
CARVER	E & G	56,974	53,663	642,236
	AUXILIARY	3,764	3,766	48,956
	TOTAL	60,738	57,429	691,192
DRAKE	E & G	105,009	85,108	862,979
	AUXILIARY	92	130	1,429
	OTHER	400	155	1,088
	TOTAL	105,501	85,393	865,496
FREDD	E & G	81,352	67,436	656,199
HOBSON	E & G	71,696	53,585	542,470
	AUXILIARY	6,314	8,213	90,348
	OTHER	3,395	2,798	30,773
	TOTAL	81,405	64,596	663,591
INGRAM	E & G	93,036	35,369	250,329
MACARTHUR	E & G	91,604	75,943	810,667
	AUXILIARY	5,672	6,631	66,643
	TOTAL	97,276	82,574	877,310

FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
PUBLIC TECHNICAL COLLEGES

INSTITUTION	CATEGORY	BUILDING AREA (BSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
MUSCLE SHOALS	E & G	107,885	42,043	297,644
	AUXILIARY	5,809	6,993	74,476
	TOTAL	113,694	49,036	372,120
NORTHWEST ALABAMA	E & G	117,314	107,687	1,182,456
	AUXILIARY	23,732	22,459	237,162
	OTHER	3,505	2,476	23,519
	TOTAL	144,551	132,622	1,443,136
NUNNELLY	E & G	86,167	64,911	626,344
	AUXILIARY	6,784	6,613	60,888
	TOTAL	92,951	71,524	687,232
OPELIKA	E & G	105,764	91,879	898,979
	AUXILIARY	6,873	8,824	96,178
	TOTAL	112,637	100,703	995,157
PATTERSON	E & G	119,579	108,944	1,348,358
	AUXILIARY	9,873	14,754	191,806
	TOTAL	129,452	123,698	1,540,164
REID	E & G	67,506	51,901	545,901
SOUTHWEST ALABAMA	E & G	120,939	77,618	722,676
	AUXILIARY	10,712	9,362	65,536
	TOTAL	131,651	86,980	788,212
SPARKS	E & G	79,169	63,714	606,851
	AUXILIARY	4,900	6,285	69,133
	TOTAL	84,069	69,999	675,984
TRENHOLM	E & G	68,025	57,112	573,476
	AUXILIARY	9,054	8,514	86,331
	TOTAL	77,079	65,626	659,807

FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
PUBLIC TECHNICAL COLLEGES

INSTITUTION	CATEGORY	BUILDING AREA (GSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
WALKER	E & G	146,014	92,447	829,385
	AUXILIARY	8,795	5,479	29,544
	TOTAL	154,809	97,926	858,929
TOTALS	E & G	1,989,197	1,377,010	13,588,425
	AUXILIARY	141,678	133,620	1,366,754
	OTHER	10,036	7,237	71,792
	TOTAL	2,140,911	1,517,867	15,026,971

FACILITIES RENEWAL ALLOWANCES AND BACKLOGS - 1987
 MARINE ENVIRONMENTAL SCIENCE CONSORTIUM

INSTITUTION	CATEGORY	BUILDING AREA (GSF)	ANNUAL RENEWAL ALLOWANCE (FORMULA) (\$)	CUMUL RENEWAL BACKLOG (FORMULA) (\$)
M.E.S.C.	E & G	45,305	54,615	754,916
	AUXILIARY	56,041	17,467	177,484
	TOTAL	101,346	72,082	932,400

REPORT

Critical Capital Needs of Alabama

Public Higher Education

Alabama's appropriations for capital programs have been sporadic, at best, since the period of rapid expansion in the 1960's. Lacking cyclical procedures for evaluating or funding capital needs the state has initiated capital appropriations, normally from new bond revenues, only when external events made such a move politically desirable.

Total capital appropriations for the 13 years between 1974 and 1986 amount to \$268 million in current dollars, \$312.9 million in 1986 dollars (see Attachment A). Applied to the 23.5 million gross square feet of "Education and General" building area comprising Alabama's public college and university campuses this amounts to only \$1.03 per square foot per year - less than the average annual requirement for repair and renovation for most campuses. Most of this meager amount has been spent for new facilities, rather than renovating existing facilities, so that the backlog of essential facilities renewal has grown rapidly. The current estimated cost for eliminating this backlog (excluding auxiliary facilities) amounts to \$291.1 million for the senior institutions and \$53.9 million for the two-year colleges, \$754,916 for the Marine Environmental Science Consortium, a total of \$345.8 million (see Attachment B). In addition to the above amounts, \$27.9 million is urgently required for the removal of friable asbestos and other health and safety hazards and \$29.4 million is needed for repair, renovation, and replacement of utility generation and distribution systems, pavements, and other general campus facilities. The institutions have also valid requirements for new construction, alteration, and land acquisition amounting to \$144.3 million for the senior institutions (including the Marine Environmental Science Consortium) and \$35.2 million for the two-year colleges.

We have reviewed the capital program proposals of all the institutions at length and visited a high proportion of the campuses. We have developed an estimate of critical capital needs (Attachment C) by applying well-established facilities planning standards, state and national codes, and other professional criteria to campus facilities and enrollment data. (It should be noted that the allowance for facilities renewal amounts to only 30% of the total estimated renewal backlog.) The total of these estimates is \$111.5 million

Critical Capital Needs of Alabama
Public Higher Education

Page Two (2)

for the senior institutions and \$17.6 million for the two-year colleges, or \$129.2 million for all public postsecondary campuses.

We recognize that the prospects are unlikely this year of finding current appropriations, or even of increasing the level of indebtedness supported by the Education Trust Fund, to provide this amount. Our purposes in presenting this estimate are, first, to insure that the magnitude of these capital needs is recognized, and second, to make a case for placing these needs in line for future funding, along with other, possibly more politically popular, claimants.

CAPITAL FUNDING FOR HIGHER EDUCATION - 1974-1986

YEAR	CURRENT \$ (000'S)			CONST COST INDEX	1986 \$ (000'S)		
	SENIOR	TWO-YEAR	TOTAL		SENIOR	TWO-YEAR	TOTAL
1974				1.838	\$0	\$0	\$0
1975	\$8,514	\$0	\$8,514	1.731	\$14,741	\$0	\$14,741
1976				1.582	\$0	\$0	\$0
1977				1.480	\$0	\$0	\$0
1978	\$67,100	\$35,025	\$102,125	1.362	\$91,371	\$47,694	\$139,065
1979				1.254	\$0	\$0	\$0
1980				1.187	\$0	\$0	\$0
1981	\$11,325	\$2,854	\$14,179	1.119	\$12,669	\$3,193	\$15,862
1982				1.089	\$0	\$0	\$0
1983				1.035	\$0	\$0	\$0
1984				1.006	\$0	\$0	\$0
1985	\$101,702	\$21,450	\$123,152	1.000	\$101,702	\$21,450	\$123,152
1986	\$17,089	\$2,964	\$20,053	1.000	\$17,089	\$2,964	\$20,053
TOTALS - 13 YEARS	\$205,730	\$62,293	\$268,023		\$237,573	\$75,301	\$312,873
AVERAGES - 13 YEARS	XXX	XXX	XXX		\$18,275	\$5,792	\$24,067
BLDG AREA-GSF(000)	XXX	XXX	XXX		17,260	6,210	23,469
CAPITAL \$/GSF	XXX	XXX	XXX		\$1.06	\$0.93	\$1.03

Attachment A

SUMMARY OF CRITICAL CAPITAL NEEDS OF ALABAMA PUBLIC HIGHER EDUCATION
 ALL INSTITUTIONS
 BASED ON FY 1988-89 EBO FORM 18
 PREPARED ON 12/10/87

INSTITUTION NAME	BUILDING RENEWAL REQ.	HEALTH/SAFETY	ESTIMATED COSTS OF HIGH PRIORITY PROJECTS CONST./ALT.	UTIL./CAMPUS	LAND AQUIS.	TOTAL COST OF CRITICAL NEEDS
SR. INSTITUTIONS & MESC	111,586,841	24,531,000	143,452,846	26,009,704	880,000	306,460,391
COMMUNITY COLLEGES	6,281,501	113,150	18,750,000	840,000	0	25,984,651
JUNIOR COLLEGES	6,856,064	2,513,000	10,780,000	800,600	0	20,949,664
TECHNICAL COLLEGES	4,508,091	800,441	5,612,000	1,779,589	125,000	12,825,121
TOTAL ALL INSTITUTIONS	129,232,497	27,957,591	178,594,846	29,429,893	1,005,000	366,219,827

BUILDING RENEWAL REQUIREMENT IS EQUAL TO .30% OF TOTAL CUMULATIVE RENEWAL BACKLOG.

CRITICAL CAPITAL NEEDS OF ALABAMA PUBLIC HIGHER EDUCATION
 SENIOR INSTITUTIONS
 BASED ON FY 1988-89 EBO FORM 18
 PREPARED ON 12/10/87

INSTITUTION NAME	BUILDING			ESTIMATED COSTS OF HIGH PRIORITY PROJECTS			TOTAL COST OF CRITICAL NEEDS
	RENEWAL REQ.	HEALTH/SAFETY	CONST./ALT.	UTIL./CAMPUS	LAND ACQUIS.		
ALABAMA A&M UNIVERSITY	4,659,969		27,400,000			32,059,969	
ALABAMA STATE UNIVERSITY	4,083,472		1,290,000	224,000	880,000	6,477,472	
ATHENS STATE COLLEGE	1,184,769					1,184,769	
AUBURN UNIVERSITY	20,888,110	6,037,000	33,234,000	14,535,000		74,694,110	
AUBURN UNIV. -MONTGOMERY	688,446					688,446	
JACKSONVILLE STATE UNIV.	4,329,283	3,000,000	5,000,000	2,000,000		14,329,283	
LIVINGSTON STATE UNIV.	1,954,494		2,290,846			4,245,340	
TROY STATE UNIVERSITY	3,515,102					3,515,102	
TROY STATE UNIV. -DOTHAN	870,576					870,576	
TROY STATE UNIV. -MTGY	109,911					109,911	
TROY STATE UNIVERSITY-PC	6,454					6,454	
UNIVERSITY OF ALABAMA	19,539,656	6,494,000	13,392,000	2,801,000		42,226,656	
UNIV. OF AL-BIRMINGHAM	24,746,561	9,000,000	38,200,000	2,330,000		74,276,561	
UNIV. OF AL-HUNTSVILLE	2,490,177		9,071,000	225,000		11,786,177	
UNIVERSITY OF MONTEVALLO	3,084,913		700,000	2,285,904		6,070,817	
UNIV. OF NORTH ALABAMA	4,265,710		1,604,000	884,000		6,753,710	
UNIV. OF SOUTH ALABAMA	14,889,517		10,276,000	724,800		25,890,317	
MARINE ENVIRON. SCI CONS.	279,720		995,000			1,274,720	
TOTAL SENIOR INSTITUTIONS	111,586,841	24,531,000	143,452,846	26,009,704	880,000	306,460,391	

BUILDING RENEWAL REQUIREMENT IS EQUAL TO .30% OF TOTAL CUMULATIVE RENEWAL BACKLOG.

CRITICAL CAPITAL NEEDS OF ALABAMA PUBLIC HIGHER EDUCATION
 COMMUNITY COLLEGES
 BASED ON FY 1988-89 E80 FORM 18
 PREPARED ON 12/10/87

INSTITUTION NAME	BUILDING RENEWAL REQ.	HEALTH/SAFETY	ESTIMATED COSTS OF HIGH PRIORITY PROJECTS CONST./ALT.	UTIL./CAMPUS	LAND ACQUIS.	TOTAL COST OF CRITICAL NEEDS
CALHOUN ST. COMMUNITY COL	1,163,882					1,163,882
GADSDEN ST. TECHNICAL COL	1,842,544	25,000		265,000		2,132,544
LAWSON ST. COMMUNITY COL	779,661	88,150	9,200,000			10,067,811
SHELTON ST. COMMUNITY COL	754,221		2,750,000			3,504,221
WALLACE ST. C. C. - DOTHAN	1,038,442		6,800,000			7,838,442
WALLACE ST. CC. - HANCEVILLE	236,787			500,000		736,787
WALLACE ST. C. C. - SELMA	465,964			75,000		540,964
TOTAL COMMUNITY COLLEGES	6,281,501	113,150	18,750,000	840,000	0	25,984,651

BUILDING RENEWAL REQUIREMENT IS EQUAL TO .30% OF TOTAL CUMULATIVE RENEWAL BACKLOG.

CRITICAL CAPITAL NEEDS OF ALABAMA PUBLIC HIGHER EDUCATION
JUNIOR COLLEGES

BASED ON FY 1988-89 EBO FORM 18
PREPARED ON 12/10/87

INSTITUTION NAME	BUILDING RENEWAL REQ.	ESTIMATED COSTS OF HIGH PRIORITY PROJECTS			TOTAL COST OF CRITICAL NEEDS
		HEALTH/SAFETY	CONST./ALT.	UTIL./CAMPUS LAND ACQUIS.	
ALEXANDER CITY ST. JR. COL	533,123				533,123
BISHOP STATE JUNIOR COL	528,242		7,210,000		7,738,242
BREWER STATE JUNIOR COL	207,460		800,000		1,007,460
CHATT. VALLEY ST. JR. COL	73,931			65,000	138,931
JEFF DAVIS ST. JUNIOR COL	329,235				329,235
ENTERPRISE ST. JUNIOR COL	487,316		770,000	137,000	1,394,316
FAULKNER STATE JUNIOR COL	350,016	200,000	500,000	150,000	1,200,016
PATRICK HENRY ST. JR. COL	220,325	161,000			381,325
JEFFERSON ST. JUNIOR COL	1,217,810	500,000		332,000	2,049,810
NORTHEAST ST. JUNIOR COL	538,899				538,899
NORTHWEST ST. JUNIOR COL	659,525				659,525
SNEAD STATE JUNIOR COL	997,375		1,500,000		2,497,375
SOUTHERN UNION ST. JR. COL	515,474	852,000		41,600	1,409,074
L. B. WALLACE ST. JR. COL	197,334	800,000		75,000	1,072,334
TOTAL JUNIOR COLLEGES	6,856,064	2,513,000	10,780,000	800,600	20,949,664

BUILDING RENEWAL REQUIREMENT IS EQUAL TO .30% OF TOTAL CUMULATIVE RENEWAL BACKLOG.

CRITICAL CAPITAL NEEDS OF ALABAMA PUBLIC HIGHER EDUCATION
TECHNICAL COLLEGES

BASED ON FY 1988-89 EBO FORM 18
PREPARED ON 12/10/87

INSTITUTION NAME	BUILDING RENEWAL REQ.	ESTIMATED COSTS OF HIGH PRIORITY PROJECTS			TOTAL COST OF CRITICAL NEEDS
		HEALTH/SAFETY	CONST./ALT.	UTIL./CAMPUS	
AL AVIATION & TECH. COL	332,211			59,000	391,211
ATMORE ST. TECHNICAL COL	44,059		450,000	175,000	669,059
AYERS STATE TECHNICAL COL	250,467		80,000	55,000	510,467
BESSEMER ST. TECHNICAL COL	110,127			335,000	445,127
CARVER ST. TECHNICAL COL	207,358	30,000	122,000	102,000	461,358
DRAKE STATE TECHNICAL COL	259,649	300,000	900,000		1,459,649
FREDD STATE TECHNICAL COL	196,860				196,860
HOBSON ST. TECHNICAL COL	199,077	50,000	500,000	60,000	809,077
INGRAM ST. TECHNICAL COL	75,099		180,000		255,099
MacARTHUR ST. TECH. COL	263,193		550,000	250,000	1,063,193
MUSCLE SHOALS ST. TECH. COL	111,636			130,000	241,636
NORTHWEST ST. TECH. COL	432,941		900,000		432,941
NUNNELLEY ST. TECH. COL	206,170				1,106,170
OPELIKA ST. TECHNICAL COL	298,547			250,000	548,547
PATTERSON ST. TECH. COL	462,049	70,000	335,000		867,049
REID STATE TECHNICAL COL	163,770		80,000	120,000	363,770
SOUTHWEST ST. TECH COL	236,464				236,464
SPARKS ST. TECHNICAL COL	202,755		15,000		217,795
TRENHOLM ST. TECH. COL	197,942	350,441		243,589	791,972
WALKER ST. TECHNICAL COL	257,679		1,500,000		1,757,679
TOTAL TECHNICAL COLLEGES	4,508,091	800,441	5,612,000	1,779,589	12,825,121

BUILDING RENEWAL REQUIREMENT IS EQUAL TO .30% OF TOTAL CUMULATIVE RENEWAL BACKLOG.

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ALABAMA COMMISSION ON HIGHER EDUCATION

Created by the Legislature in 1969, the Alabama Commission on Higher Education is charged with the responsibility of coordinating public higher education in Alabama.

The Commission is devoted to representing the citizens' higher-education interests to the Governor and Legislature, while at the same time objectively presenting the needs of the colleges and universities to the state.

In fulfilling its responsibility to approve new programs, review existing programs, formulate annual budget recommendations, coordinate student financial aid programs and chart long-range goals for higher education, the Commission matches the strengths of the 57 institutions with the state's available financial resources.

To ensure the decisions are made with an awareness of the educational and financial consequences, the Alabama Commission on Higher Education provides data; responds to inquiries; conducts studies; and offers other assistance on higher education matters to the Governor, the Legislature, the institutions and the citizens of Alabama.

The Commission is composed of 12 members - 10 appointed by the governor, one by the lieutenant governor and one by the speaker of the House - who serve staggered nine-year terms.



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