

Grapevine

Since
1958

33rd
Year

Number 375

December 1991 - January 1992

Page 3079

TIMELY DATA CIRCULATED WHILE CURRENT

Reports on state tax legislation; state appropriations for universities, colleges
and community colleges; legislation affecting education beyond the high school.

IN THIS ISSUE

APPROPRIATIONS PER CAPITA AND PER \$1,000 OF PERSONAL INCOME. 3080

State higher education appropriations per capita and per \$1,000 of personal income are included in this issue on page 3081. These two commonly-termed "comparative state higher education finance measures" are published annually by Grapevine as a service to the higher education community. These measures are commonly used to compare states on effort for higher education. Despite their wide acceptance and utilization, there are some limitations inherent in these measures which, in some states, may present an especially limited view of patterns of state support. Two limitations are noteworthy. First, both measures use only one source of revenue--state taxes. Other revenue sources need to be included in a more thorough analysis, including non-tax revenue sources, student tuition, and the financial support provided by federal and local governments. The latter is critical in states having numerous community colleges which receive support from local units of government. A second limitation is that these measures utilize state resident population and personal income, rather than student enrollment. When most states had higher educational systems which grew at relatively even rates, per capita and personal income measures were minimally biased. Currently, however, states are experiencing widely-varying patterns of enrollment growth. In such variable environments, per student financial measures are highly recommended for use in analyses. Grapevine does not collect student enrollment data. In keeping with the timely nature of Grapevine, these measures are provided herein with special attention to their limitations and caution about their uses.

ADDITIONAL ADJUSTMENTS FOR HIGHER EDUCATION FINANCE COMPARISONS. . . . 3082

Consumer Price Index and the Higher Education Price Index
Geographical Cost-of-Living

FISCAL YEAR 1991-92 APPROPRIATIONS FOR GEORGIA, MAINE AND TEXAS. . . .3083-3084

RECENT REVISIONS AND UPDATES 3085

Arkansas, Kentucky, Oregon have revised FY1992 appropriations
Pennsylvania's appropriations to the institutions in the State System of Higher Education

GRAPEVINE

Edward R. Hines, Editor

M. M. Chambers, Founding Editor

Gwen B. Pruyne, Managing Editor

Responsibility for errors in the data or for opinions expressed is not to be attributed to any organization or person other than the Editors. GRAPEVINE is circulated to key persons in the fifty states. Not copyrighted.

RANKINGS OF THE STATES ON APPROPRIATIONS OF STATE TAX FUNDS FOR
OPERATING EXPENSES OF HIGHER EDUCATION, PER CAPITA AND
PER \$1,000 PERSONAL INCOME, FY1991-92

State (1)	Higher Ed Approp FY1991-92 (\$1,000s)	Approp Per Capita (\$)	Rank	Appropriations Per \$1,000s Income (\$)	Rank
	(2)	(3)	(4)	(5)	(6)
Alabama	791,587	195.92	10	13.02	8
Alaska	179,981	327.21	1	15.05	3
Arizona	607,819	165.83	25	10.31	20
Arkansas*	383,560	164.57	27	11.49	16
California	5,662,752	190.28	12	9.14	28
Colorado	523,785	158.99	32	8.40	35
Connecticut	503,748	153.25	35	6.01	46
Delaware	121,011	181.65	16	9.03	29
Florida	1,486,480	114.89	46	6.15	44
Georgia	874,320	134.96	42	7.88	37
Hawaii	321,201	289.83	2	14.17	5
Idaho	195,881	194.57	11	12.70	9
Illinois	1,734,761	151.76	37	7.42	40
Indiana	899,643	162.27	28	9.59	25
Iowa	563,570	202.96	9	11.77	14
Kansas	446,517	180.22	17	9.91	22
Kentucky*	641,251	174.10	19	11.59	15
Louisiana	574,336	136.10	41	9.38	26
Maine	186,664	152.02	36	8.83	33
Maryland	804,886	168.33	21	7.69	38
Massachusetts	583,569	97.00	49	4.30	49
Michigan	1,541,648	165.89	24	9.02	30
Minnesota	995,429	227.52	6	12.11	12
Mississippi	412,311	160.23	30	12.49	10
Missouri	569,257	111.25	47	6.36	43
Montana	131,910	165.08	26	10.81	19
Nebraska	340,106	215.48	8	12.26	11
Nevada	191,773	159.57	31	8.23	36
New Hampshire	75,175	67.77	50	3.25	50
New Jersey	1,132,432	146.49	38	5.87	47
New Mexico	349,378	230.60	4	16.12	2
New York	2,760,719	153.45	34	6.94	41
North Carolina	1,445,790	218.11	7	13.34	6
North Dakota	145,535	227.83	5	15.03	4
Ohio	1,460,068	134.60	43	7.66	39
Oklahoma	542,277	172.39	20	11.15	18
Oregon*	461,155	162.25	29	9.37	27
Pennsylvania	1,483,233	124.83	44	6.67	42
Rhode Island	116,128	115.73	45	6.15	45
South Carolina	634,226	181.90	15	11.97	13
South Dakota	97,273	139.76	40	8.85	32
Tennessee	692,402	141.97	39	8.93	31
Texas	2,821,810	166.12	23	9.90	23
Utah	319,561	185.48	13	13.21	7
Vermont	55,742	99.05	48	5.64	48
Virginia	1,030,112	166.49	22	8.43	34
Washington	898,184	184.56	14	9.74	24
West Virginia	277,921	154.96	33	11.29	17
Wisconsin	863,337	176.49	18	10.02	21
Wyoming	124,902	275.36	3	16.93	1
Totals/Average	40,057,116	161.47		8.62	

*Appropriations figures have been revised since the last report.

Sources: 1990 Population, U. S. Department of Commerce, Bureau of the Census

Personal Income, U. S. Department of Commerce, Bureau of Economic Analysis

Rankings of States on Appropriations Per Capita and Per \$1,000 of Personal Income

Users of these data must be cognizant of other facts about the states in order to put these comparisons in perspective. A illustrative case is the rankings on appropriations per \$1,000 of personal income (page 3080), Florida ranked 44th and Rhode Island, 45th. Only 4-tenths of a cent separate these two states which differ dramatically in almost every respect: magnitude of dollars appropriated, number of public institutions of higher education and extent of personal income. Perhaps the best use of these data is to compare states which are similar in size, wealth, numbers of colleges and universities and other variables, or to observe over time the rankings of a given state and to account for significant changes.

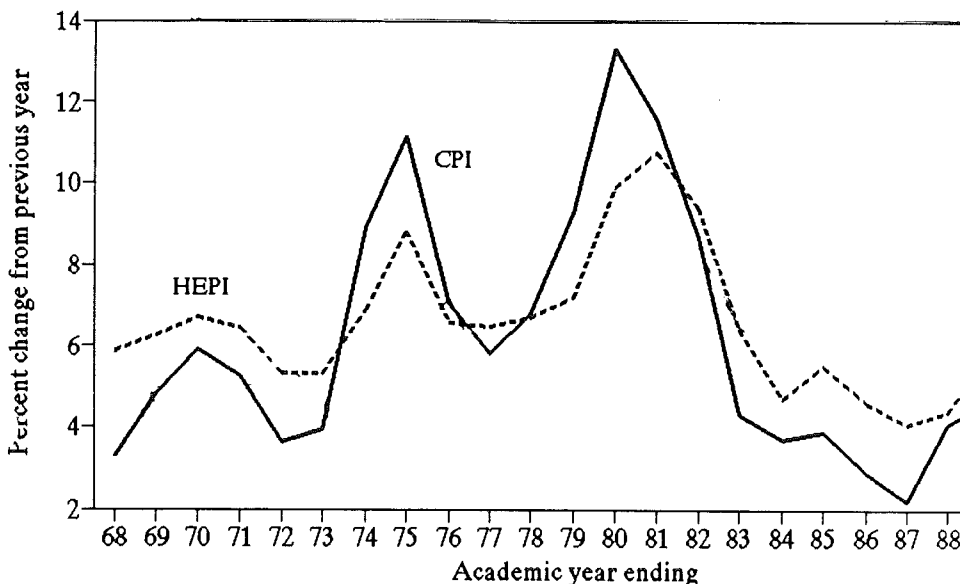
CPI and HEPI and Geographical Cost of Living

A procedure to determine how well higher education is being funded is to adjust current dollars by an index to determine their buying power, over time. A graph of the percentages of changes in the Consumer Price Index (CPI) and the Higher Education Price Index (HEPI) is displayed below. While the CPI reflects changes in the costs of food, housing, apparel, transportation, medical care and other goods and services for the population in general, the HEPI reflects changes in the those operating expenses which are specifically for colleges and universities. Approximately 75% of these higher education costs are for salaries, wages and fringe benefits. For a thorough discussion of the definitions and usefulness of these measures, consult Kent Halstead's Higher Education Price Indexes, Research Associates of Washington, 2605 Klinge Road, N. W., Washington, DC 20008. (Price \$35.00) It is generally understood that the cost of living is higher in some parts of the U.S. than in other parts. The column on the right ranks the states in descending order on the cost-of-living scale developed by Professor Walter McMahon, University of Illinois, Champaign-Urbana. McMahon's model adjusts the CPI with regional-specific variables including per capita personal income, the value of housing, percentage changes in population, climate and others. According to Dr. McMahon, "There is a 57 percent difference in the purchasing power between the highest and lowest states, whereas the variation in real purchasing power within states between the higher cost large cities and lower cost metropolitan and nonmetropolitan areas is 22% to 35%, respectively."

Rankings on Geographical Cost-of-living

- 1 Hawaii
- 2 Alaska
- 3 Connecticut
- 4 New Jersey
- 5 California
- 6 Massachusetts
- 7 New York
- 8 Virginia
- 9 Delaware
- 10 Rhode Island
- 11 Maryland
- 12 New Hampshire
- 13 Illinois
- 14 Vermont
- 15 Maine
- 16 Pennsylvania
- 17 Colorado
- 18 Minnesota
- 19 Washington
- 20 Michigan
- 21 Wisconsin
- 22 North Carolina
- 23 Ohio
- 24 Nevada
- 25 Missouri
- 26 Indiana
- 27 Oregon
- 28 Kansas
- 29 Iowa
- 30 Wyoming
- 31 Nebraska
- 32 Florida
- 33 Texas
- 34 Oklahoma
- 35 Georgia
- 36 Tennessee
- 37 West Virginia
- 38 Montana
- 39 Kentucky
- 40 North Dakota
- 41 Louisiana
- 42 South Dakota
- 43 New Mexico
- 44 Idaho
- 45 South Carolina
- 46 Alabama
- 47 Arizona
- 48 Arkansas
- 49 Utah
- 50 Mississippi

Yearly Percent Changes in the Higher Education Price Index and the Consumer Price Index, FY1968-1988



Source: Mc/Sp#20. Center for the Study of Educational Finance, 331 DeGarmo Hall, Illinois State University, Normal, IL 61761 (Price \$5.00)

REVISIONS AND UPDATES TO FORMER REPORTS

Three states have recently updated the data which were reported earlier in Grapevine. These statewide totals and the nationwide totals should be substituted in the 50-state table published in the October-November issue.

(In thousands of dollars)

States	Year 1981-82	Year 1989-90	Year 1991-92	2-yr gain Percent	10-yr gain Percent
(1)	(2)	(3)	(4)	(5)	(6)
Arkansas	183,980	320,613	383,560	20	108
Kentucky	339,632	550,328	641,251	17	89
Oregon	252,602	395,898	461,155	16	83
50-state Totals	22,982,123	39,106,423	40,057,116	2	74

PENNSYLVANIA

Table 47 supplements Table 41, page 3069, Grapevine, September 1991. The figures for the campuses of the State System of Higher Education were not available when Table 41 was published.

Table 47. State tax-fund appropriations for the operating expenses of the State System of Higher Education for fiscal years 1990-91 and 1991-92,
(In thousands of dollars)

Institutions	Sums appropriated	
	1990-91(R)	1991-92
(1)	(2)	(3)
State System of Higher Ed		
Indiana	46,858	51,034
West Chester	36,090	39,307
Millersville	26,256	28,596
Bloomsburg	25,980	28,297
Slippery Rock	25,967	28,282
Kutztown	24,840	27,055
Edinboro	24,153	26,307
Clarion	23,541	25,640
Shippensburg	22,749	24,776

(Continued in the next column)

PENNSYLVANIA (Continued from the preceding column)

California	22,317	24,292
East Stroudsburg	18,951	20,641
Lock Haven	14,145	15,407
Mansfield	13,841	15,126
Cheyney	12,481	12,762
Chancellor's office	1,701	1,855
System reserve	212	797
Minority recruitment	1,415	1,415
Deferred maintenance	3,800	
Faculty development		400
Academy for Teaching	500	500
University Center		292
McKeever Center	318	344
Rural postsecond education		500
<u>Subtotal, SSHE</u>	<u>346,115</u>	<u>373,625</u>

GRAPEVINE

Center for Higher Education
331 DeGarmo Hall
Illinois State University
Normal, IL 61761

Address correction requested

Non-Profit Org.
U.S. POSTAGE
PAID
Normal, Illinois
Permit No. 1

TEXAS

Table 46. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1990-91 and 1991-92 in Texas.

(In thousands of dollars)

Institutions	Sums appropriated	
	1990-91	1991-92
(1)	(2)	(3)
U of Texas at Austin	198,230	198,225
UT at Arlington	59,976	63,625
UT at El Paso	34,322	39,216
UT Pan American	23,943	26,837
UT at Brownsville	3,506	3,828
UT at Dallas	28,748	32,416
UT at San Antonio	29,158	32,348
UT at Tyler	9,116	9,387
UT of the Permian Basin	6,835	6,505
UT Health Science Centers		
Houston	98,923	100,154
San Antonio	81,310	88,026
Dallas	66,745	70,487
Tyler	16,289	16,361
UT Cancer Center	101,828	99,729
UT Medical, Galveston	179,098	192,430
System Administration	340	
<u>Subtotal, UT System</u>	<u>938,367</u>	<u>979,574</u>
Texas A&M University	178,622	175,981
College of Medicine*		12,610
Ag experiment station	40,510	40,838
Ag extension service	35,499	36,039
Forest Service	9,366	9,943
Engineer exper station	6,999	7,371
Engineer exten service	3,434	3,701
Animal control service	2,393	2,414
Veterinary diagnostic lab	2,137	4,803
Transportation institute	1,834	1,825
Prairie View A&M U	16,897	16,651
Tarleton State U	12,142	15,295
A&M U at Galveston	4,691	7,174
Texas A&I U	16,398	17,867
Corpus Christi St U	10,476	11,967
Laredo State U	3,858	4,552
West Texas St U**	13,805	14,943
System administration	340	
<u>Subtotal, A&M System</u>	<u>359,401</u>	<u>383,974</u>
University of Houston	103,360	112,099
Clear Lake	15,925	15,859
Downtown	10,582	11,981
Victoria	3,767	3,577
System administration	1,350	
<u>Subtotal, U of H</u>	<u>134,984</u>	<u>143,516</u>

(Continued in the next column)

TEXAS (Continued from the preceding column)

Texas State U System		
Southwest Texas St U	43,000	44,700
Sam Houston St U	25,708	27,858
Angelo State U	12,245	13,063
Sul Ross State U	6,167	6,299
Sul Ross State U-Uvalde Ctr	875	1,805
System administration	375	
<u>Subtotal, TSU System</u>	<u>88,370</u>	<u>93,725</u>
Lamar University System		
Beaumont	26,158	27,886
Orange	2,382	2,506
Port Arthur	3,484	3,616
System administration	375	
<u>Subtotal, LU</u>	<u>32,399</u>	<u>34,008</u>
Texas Tech U	78,829	85,019
Health science ctr	43,311	44,802
<u>Subtotal, TTU</u>	<u>122,140</u>	<u>129,821</u>
U of North Texas	65,274	71,130
Texas Coll Osteopathy	24,363	26,018
<u>Subtotal, U of NT</u>	<u>89,637</u>	<u>97,148</u>
East Texas State U	18,981	20,203
ETSU at Texarkana	3,391	3,239
<u>Subtotal, ETSU</u>	<u>22,372</u>	<u>23,442</u>
Texas St Tech Inst	43,909	48,274
Texas Woman's U	31,727	33,811
Texas Southern U	24,474	25,178
Stephen Austin St U	27,668	28,468
<u>Midwestern State U</u>	<u>10,758</u>	<u>11,062</u>
Fibers & Food Comm	1,451	1,410
National Research Lab	1,948	29,515
SREB	100	135
<u>Higher Educ Fund</u>	<u>45,500</u>	<u>45,500</u>
<u>State aid to comm colls</u>	<u>510,375</u>	<u>558,165</u>
Coordinating Board	8,734	9,171
Equalization grants	21,279	24,200
Baylor med & dental	45,217	43,317
Family prac residency	7,820	7,932
Resident physician	4,199	
Tech research		39,770
Advance research		19,855
Incentive grant	1,500	1,452
Remedial ed	4,563	5,979
College Work Study		1,936
Other	450	1,468
<u>Subtotal, CB</u>	<u>93,762</u>	<u>155,080</u>
<u>Total</u>	<u>2,579,342</u>	<u>2,821,806</u>

*Previously included in the amount for Texas A&M, main campus.

**Formerly reported separately.

GEORGIA

Table 44. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1990-91 and 1991-92 in Georgia.

(In thousands of dollars)

Institutions	Sums appropriated	
	1990-91	1991-92
(1)	(2)	(3)
University of Georgia	199,268	184,103
Ag experiment station	35,424	31,677
Coop extension service	34,795	26,363
Veterinary experiment station	3,060	2,468
Skidaway Inst of Oceanography	1,577	1,351
Marine extension service	1,250	979
Marine Institute	1,000	855
Veterinary teaching hospital	526	452
Minority business	355	299
Athens/Tifton veterinary lab	66	
<u>Subtotal, U of G,</u>	<u>277,321</u>	<u>248,547</u>
Medical College of Georgia	70,069	65,685
Talmadge Memorial Hospital	31,923	28,751
Family Practice Residency	6,203	5,866
Desegregation program	386	324
<u>Subtotal, MC of G,</u>	<u>108,581</u>	<u>100,626</u>
Georgia Inst of Technology	88,126	83,303
Research Institute	11,444	9,818
Education extension service	853	514
Advanced technology develop	1,474	1,365
Agricultural research	1,365	1,138
Center for Rehabilitation	960	912
<u>Subtotal, GIT,</u>	<u>104,222</u>	<u>97,050</u>
Georgia State University	96,800	92,267
Senior Colleges -		
Georgia Southern College	36,155	38,642
Valdosta State College	21,775	20,689
West Georgia College	21,035	20,773
Kennesaw College	20,705	20,361
Georgia College	14,579	14,258
Columbus College	15,294	14,119
Southern College of Tech	14,150	13,109
Augusta College	12,658	12,600
Fort Valley State College	12,183	11,093
Savannah State College	11,579	10,657
Albany State College	11,460	10,608
Armstrong State College	10,367	10,360
Clayton State College	8,896	8,529
North Georgia College	8,492	8,437
Georgia Southwestern College	9,331	8,399
<u>Subtotal, S C's,</u>	<u>228,659</u>	<u>222,634</u>

(Continued in the next column)

GEORGIA (Continued from the preceding column)

Junior Colleges -

DeKalb College	22,887	24,778
Macon College	7,738	7,740
Abraham Baldwin Ag College	7,619	7,172
Gainesville College	5,688	5,739
Middle Georgia College	6,168	5,654
Darton College	5,452	5,252
Floyd College	4,541	4,477
Dalton College	4,347	4,463
South Georgia College	4,551	4,242
Atlanta Metropolitan College	4,077	3,984
Gordon College	4,055	3,946
Brunswick College	4,176	3,851
Bainbridge College	2,568	2,447
Waycross College	1,930	1,857
East Georgia College	1,825	1,647
<u>Subtotal, J C's,</u>	<u>87,622</u>	<u>87,249</u>
Regents of University System	5,565	4,495
SREB payments	9,194	7,779
Repairs/rehabilitation fund	22,763	
Medical scholarships	1,020	1,014
Regents opportunity grants	600	564
Regents scholarships	200	188
Information technology	3,330	3,603
Georgia Military College		781
Public telecommunications		6,152
<u>Subtotal, R of US,</u>	<u>51,678</u>	<u>24,576</u>
Unallocated reserve	6,400	1,371
<u>Total</u>	<u>961,283</u>	<u>874,320</u>

MAINE

Table 45. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1990-91 and 1991-92 in Maine.

(In thousands of dollars)

Institutions	Sums appropriated	
	1990-91(R)	1991-92
(1)	(2)	(3)
University of Maine	143,669	144,527
Public broadcasting network	2,366	2,288
<u>Subtotal, U of M</u>	<u>146,035</u>	<u>146,815</u>
Vocational education	24,963	25,008
Maine Maritime Academy	7,032	7,034
Grant/loan/scholarships	1,203	1,140
Incentive scholarships	5,113	4,831
Other scholarships	1,940	1,837
<u>Total</u>	<u>186,286</u>	<u>186,665</u>