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# GRAPEVINE

SINCE  
1958

NINETEENTH  
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Page 1461

## TIMELY DATA CIRCULATED WHILE CURRENT

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

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UNIVERSITY DOCTORAL PROGRAMS SHOULD BE BUILT UP, NOT CUT DOWN . . . . . 1468

\* \* \* \* \*

"The search for comparable uniform costs or productivity standards is unfruitful in higher education. There are educational benefits as well as costs to be assessed and the techniques have not been formulated. Mandatory and rigid enforcement of inapplicable procedures is costly in red tape, damaging to morale, and leads to inefficiency. Incremental experience has a value not to be carelessly discarded."

-- David D. Henry, president emeritus and distinguished professor of higher education, University of Illinois.  
(At p. 144 in *Challenges Past, Challenges Present*)

\* \* \* \* \*

Table 85. APPROPRIATIONS OF STATE TAX FUNDS FOR ANNUAL OPERATING EXPENSES OF HIGHER EDUCATION IN THIRTY STATES FOR FISCAL YEAR 1977-78 (in thousands of dollars).

States	Year 1967-68	Year 1975-76	Year 1977-78	2-yr gain per cent	10-yr gain per cent
(1)	(2)	(3)	(4)	(5)	(6)
Twenty-one states previously reported*					
Twenty-one states	973,638	2,795,393	3,472,953	24	257
Arizona	46,281	162,657	215,599	33	366
Connecticut	53,655	136,623	164,478	20	206
Delaware**	(11,313)	(41,966)	(44,190)	( 5)	(291)
Hawaii	26,320	95,231	109,642	15	317
Iowa	85,773	196,070	244,253	25	185
Louisiana	93,123	198,996	242,469	22	160
Nevada	11,773	37,719	45,523	21	287
Ohio	150,527	451,566	551,174	22	266
Texas	234,109	830,320	1,050,400	27	349
West Virginia	44,448	103,125	126,304	22	184
Totals	1,719,647	5,007,700	6,222,795		
Weighted average percentages of gain				24	262

\*See GRAPEVINE, Table 72, page 1454 (July 1977)

\*\*Not included in cumulative totals in order to avoid skewing. Will be included in annual summation.

Table 85 records that thirty states across the nation have made weighted average gains of 24 per cent over the most recent period of two fiscal years. The state of Delaware (figures enclosed in parentheses) is withheld from the cumulative total at this point because its two-year rate of gain is so small (5 per cent) as to be extremely untypical. In like manner, New York, reported in Table 66, page 1448 (June 1977), as having a two-year gain of only 3 per cent, has been temporarily withdrawn from the total of 22 states previously reported, reducing that total to 21, to avoid distortion of the current nationwide picture.

In plain words, 30 states have reported 24 per cent gain, while 2 states have reported approximately 3½ per cent gain. The object in sequestering them is to pinpoint promptly the locations of backward steps or standstill state support. At the moment, Delaware and New York are standing in the corner.

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CONNECTICUT. Appropriations of state tax funds for operating expenses of higher education, fiscal year 1977-78:

Table 86. State tax-fund appropriations for operating expenses of higher education in Connecticut, fiscal year 1977-78, in thousands of dollars.

Institutions (1)	Sums appropriated (2)
U of Connecticut	60,976
Medical-Dental School	21,034
Subtotal, U of C - \$82,010	
State Colleges -	
Central Connecticut	14,387
Southern Connecticut	13,863
Western Connecticut	5,863
Eastern Connecticut	4,688
Board for State Colleges	490
Subtotal, s c's - \$39,291	
Regional community colleges	23,645
Bd for regional comm colls	719
Subtotal, r c c's - \$24,364	
Higher Education Center, Waterbury*	458
State technical colleges**	6,625
Commission for Higher Edn***	1,015
Mandated programs+	7,442
Board for St Academic Awards	108
Conn Student Loan Foundation	2,900
Admin overhead grants	150
New England Brd of Higher Ed	115
Total++	164,478

\*The Regional Community College board serves as the fiscal agent for this center. This sum pays for operational costs only, not for teaching and administration.

\*\*Includes \$600,000 to start a technical college in New Haven.

\*\*\*Includes \$37,023 for Office of Veterans Affairs, and \$158,262 for Office of student financial assistance.

+Includes: \$3,011,000, student financial assistance; \$4,000,000, contracts for Connecticut students attending independent colleges in state; \$144,000, contracts with independent colleges for programs and services; \$133,000, contracts with U of PA and Cornell U for 16 student places in schools of veterinary medicine.

++Includes \$12,613,270 for costs of collective bargaining agreements with classified and unclassified employees.

DELAWARE. Appropriations of state tax funds for operating expenses of higher education, fiscal year 1977-78:

Table 87. State tax-fund appropriations for operating expenses of higher education in Delaware, fiscal year 1977-78, in thousands of dollars.

Institutions (1)	Sums appropriated (2)
U of Delaware	19,656
Employer's share, social sec*	1,906
State pension*	1,364
TIAA pension	807
Health insurance	586
Scholarships & student aid	1,699
State geologist	235
Sea grant	198
Occupational teachers ed	85
Poultry diagnostic service	10
Subtotal, U of D - \$26,546	
Del Inst Med Ed & Research	977
Delaware State College	5,800
Delaware Tech & Comm Coll	10,672
Higher Ed Loan Program	160
Postsecondary education	35
Total	44,190

\*Appropriated to state treasurer

HAWAII. Appropriations of state tax funds for operating expenses of higher education, fiscal year 1977-78:

Table 88. State tax-fund appropriations for operating expenses of higher education in Hawaii, fiscal year 1977-78, in thousands of dollars.

Institutions (1)	Sums appropriated (2)
U of Hawaii*	104,867
Specific supplemental approp	260
Subtotal, U of H - \$105,127	
WICHE	870
Student loan fund	20
Fringe benefits**	14,854
Collective bargaining	1,256
Less tuition and other U of Hawaii generated revenues	-12,485
Total	109,642

(Footnotes on page 1464)

HAWAII (Continued from page 1463)

Footnotes

\*Includes 1 university campus, 2 four-year colleges, and 7 two-year community colleges. Excludes non-higher education programs: Hoomana School and Waikiki Aquarium.

\*\*Estimate of centrally appropriated amount attributed to U of Hawaii.

IOWA. Appropriations of state tax funds for operating expenses of higher education, fiscal year 1977-78:

Table 89. State tax-fund appropriations for operating expenses of higher education in Iowa, fiscal year 1977-78, in thousands of dollar.

Institutions (1)	Sums appropriated (2)
University of Iowa	69,506
University hospital	17,149
Psychopathic hospital	3,596
Hospital school	2,564
State hygienic laboratory	1,338
Oakdale campus	1,474
<u>Subtotal, U of I - \$95,627</u>	
Iowa State U	57,323
Ag & home ec exper station	6,658
Coop extension service	6,125
<u>Subtotal, ISU - \$70,106</u>	
U of Northern Iowa	23,422
Board of Regents	284
<u>Subtotal, maj insts - \$189,439</u>	
General aid, area colleges	32,714
Vocational aid, area schools	8,286
Equipment replacement	1,350
<u>Subtotal, area schs - \$42,350</u>	
Private college tuition grants	10,500
Des Moines Coll of Osteopathy	1,200
State scholarships	350
Voc-Tech tuition grants	150
Higher Ed Facilities Comm	204
Optometry-admission & ed	60
<u>Total</u>	<u>244,253</u>

LOUISIANA. Appropriations of state tax funds for operating expenses of higher education, fiscal year 1977-78:

Table 90. State tax-fund appropriations for operating expenses of higher education in Louisiana, fiscal year 1977-78, in thousands of dollars.

Institutions (1)	Sums appropriated (2)
<u>Louisiana State University System -</u>	
Baton Rouge	41,903
Medical center*	41,666
Ctr for Ag Sci & Rural Dev	23,546
New Orleans	14,573
Shreveport	3,720
Alexandria	2,450
Eunice	1,337
System administration	1,287
<u>Subtotal, LSU - \$130,482</u>	
<u>Board of Trustees System -</u>	
U of Southwestern Louisiana	15,698
Northeast Louisiana U	12,472
Louisiana Tech U	11,932
Northwestern State U	9,871
Southeastern Louisiana U	9,122
McNeese State U	8,146
Nicholls State U	8,076
Grambling State U	6,404
Delgado Junior College	6,730
System administration	450
<u>Subtotal, Bd of T - \$88,901</u>	
<u>Southern University System -</u>	
Baton Rouge	13,035
New Orleans	3,651
Shreveport	1,513
System administration	656
<u>Subtotal, SUS - \$18,855</u>	
Aid to private institutions**	1,600
Tulane medical school subsidy**	625
Higher Ed Asst Commission	584
T. H. Harris scholarships	367
Nursing stipends**	125
SREB**	313
Board of Regents***	617
<u>Total</u>	<u>242,469</u>

\*A state owned hospital has been given to the Medical Center for use as a teaching hospital.

\*\*Appropriated to the Board of Regents for disbursement.

\*\*\*Not a governing board, but a state-wide coordinating board.

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OHIO. Appropriations of state tax funds for operating expenses of higher education, biennium 1977-79:

Table 91. State tax-fund appropriations for operating expenses of higher education in Ohio, biennium 1977-79, by separate fiscal years, in thousands of dollars.

Institutions	Sums appropriated	
(1)	1977-78	1978-79
Ohio State U	106,391	114,286
University hospitals	10,905	11,505
Ag research center	9,183	9,740
Ag coop extension	5,253	5,574
Subtotals, OSU - *		
U of Cincinnati+	51,031	55,165
Cincinnati Hospital	4,004	4,220
Subtotals, U of C - **		
Kent State U	33,538	36,369
U of Akron	27,046	29,294
Bowling Green State U	26,501	28,554
Ohio University	25,457	28,856
Cleveland State U	23,270	25,218
Miami U	22,847	24,640
U of Toledo	22,834	24,792
Youngstown State U	18,097	19,700
Wright State U	16,914	18,586
Central State U	6,886	7,319
Med Coll of Ohio-Toledo	7,730	8,382
Toledo Hospital	3,390	3,573
Subtotals, MCOT - ***		
Northeastern Med Coll	3,134	4,101
Wright St Med Coll	4,260	5,464
Case Western Reserve++		
Medicine	4,195	4,491
Dentistry	1,396	1,469
Subtotals, CWR - ****		
Ohio Coll Podiatric Med+++	250	250
Community Colls (5)	32,343	35,922
Gen & Tech Colls (3)	2,945	3,435
Univ branches (21)	17,618	19,274
Technical Colls (17)	25,964	29,194
Instructional grants	26,901	31,541
Board of Regents	1,741	1,836
Special projects	9,150	11,901
Totals	551,174	604,651

\* \$131,732,000 and \$141,105,000

\*\* \$ 55,035,000 and \$ 59,385,000

\*\*\* \$ 11,120,000 and \$ 11,955,000

\*\*\*\* \$ 5,591,000 and \$ 5,960,000

(Continued in the next column)

OHIO (Continued from preceding column)

+As of July 1, 1977, the University of Cincinnati, formerly a state-affiliated municipal university, became a state university.

++Board of Regents is authorized to arrange a subsidy to this private university for education in dentistry and medicine.

+++Board of Regents is authorized to arrange a subsidy to this private college

NEVADA. Appropriations of state tax funds for operating expenses of higher education, fiscal year 1977-78:

Table 92. State tax-fund appropriations for operating expenses of higher education in Nevada, fiscal year 1977-78, in thousands of dollars.

Institutions	Sums appropriated
(1)	(2)
U of Nevada, Reno	16,089
School of Medical Sciences	1,128
Ag experiment station	1,842
Coop extension service	1,288
Statewide programs	1,270
Intercollegiate athletics	547
Subtotal, U of N, R -	\$22,164
U of Nevada, Las Vegas	12,584
Statewide programs	209
Intercollegiate athletics	547
Subtotal, U of N, LV -	\$13,340
Community College Division	
Clark County Comm Coll	3,397
Western Nevada Comm Coll	2,858
Northern Nevada Comm Coll	630
Administration	66
Subtotal, c c's -	\$6,951
System computing center	1,400
Desert research institute	899
University press	129
National direct student loan	100
System administration	540
Total	45,523

TEXAS. Appropriations of state tax funds for operating expenses of higher education, biennium 1977-79:

Table 93. State tax-fund appropriations for operating expenses of higher education in Texas, biennium 1977-79, by separate fiscal years, in thousands of dollars.

Institutions	Sums appropriated	
	1977-78	1978-79
(1)	(2)	(3)
U of Texas at Austin	73,422	78,212
UT Med Br Galveston	65,551	66,087
UT System Cancer Ctr	46,314	44,526
UT Health Sci Centers		
Houston	45,345	43,125
San Antonio	33,296	34,590
Dallas	30,339	30,513
UT at Arlington	21,727	20,311
UT at El Paso	16,940	16,244
UT at Dallas	10,082	9,447
UT at San Antonio	8,928	9,150
UT of Permian Basin	3,515	3,224
<b>Subtotals, UT System - *</b>		
Texas A & M University	56,079	56,123
Ag exper station	16,195	16,494
Ag exten serv	16,006	17,418
Prairie View A&M U	12,034	6,840
Tarleton State U	5,854	4,399
Forest service	4,558	4,679
Engineering exp sta	2,969	3,218
Engineering ext serv	1,048	1,121
Moody Coll, Marine Sci	2,380	2,381
Rodent control	1,271	1,300
Veterinary diag lab	982	1,033
<b>Subtotals, A &amp; M System - **</b>		
University of Houston	44,793	47,304
Clear Lake City	5,007	5,313
Downtown College	4,900	4,412
Victoria Center	1,883	1,930
<b>Subtotals, U of H - ***</b>		
Texas Tech U	35,116	33,004
Sch of Medicine	22,250	22,420
<b>Subtotals, TTU - +</b>		
East Texas State U	13,325	12,887
Texarkana	3,168	2,964
<b>Subtotals, ETSU - ++</b>		
Texas A&I U-Kingsville	8,812	7,783
Corpus Christi St U#	4,179	3,843
Laredo State U#	1,603	1,652
<b>Subtotals, A &amp; I System - +++</b>		

(Continued in the next column)

TEXAS (Continued from preceding column)

North Texas St U	26,177	23,266
Texas Woman's U	18,329	15,796
Southwest Texas St U	16,273	15,758
Texas St Tech Inst	15,093	15,349
Lamar U	13,677	13,193
Stephen Austin St U	12,301	12,221
Sam Houston St U	11,502	10,906
Pan American U	11,356	10,092
Texas Southern U	11,231	10,638
TX Coll Osteopathic Med	10,183	11,186
West Texas St U	10,044	7,455
Sul Ross St U	8,578	1,899
Angelo St U	6,282	6,086
Midwestern St U	6,113	5,181
Texas Eastern U	3,817	3,955
Coordinating Board	2,520	2,419
Baylor Med & Dental	21,173	20,530
Equalization grants##	10,461	10,670
Health Sci Ctr-Lubbock	4,000	4,000
Family Practice Res	853	2,428
Fifth Pathway###	750	750
Hinson-Hazelwood loans	226	249
Natural Labs contracts	46	46
Contingency for growth	1,377	1,426
<b>Subtotals, C B - ++++</b>		
Five systems offices	3,753	3,872
Fibers & Food Prot Comm	1,042	1,067
Rural Med Ed Brd	303	265
So Reg Ed Compact	64	64
Other agencies####	1,149	1,171
State aid to jr colls	201,856	216,358
<b>Totals</b>	<b>1,050,400</b>	<b>1,042,243</b>

\*\$355,459,000 and \$355,429,000

\*\*\$119,376,000 and \$115,006,000

\*\*\*\$ 56,583,000 and \$ 58,959,000

+\$ 57,366,000 and \$ 55,424,000

++\$ 16,493,000 and \$ 15,851,000

+++ \$ 14,594,000 and \$ 13,278,000

++++\$ 41,406,000 and \$ 42,518,000

#Formerly called Texas A & I at Corpus Christi and Texas A & I at Laredo

##Grants to students attending private institutions

###Program for Texas residents attending foreign medical schools

####Includes museums at three institutions and county taxes on university lands.

The total for fiscal year 1977-78 appears to be a gain of 27 per cent over the comparable figure for two years earlier.

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WEST VIRGINIA. Appropriations of state tax funds for operating expenses of higher education, fiscal year 1977-78:

Table 94. State tax-fund appropriations for operating expenses of higher education in West Virginia, fiscal year 1977-78, in thousands of dollars.

Institutions (1)	Sums appropriated* (2)
West Virginia University	39,761
Medical Center**	20,602
Ag experiment station	80
Subtotal, WVU - \$60,443	
Marshall University	14,304
Medical school	1,669
Subtotal, MU - \$15,973	
W Va Coll of Grad Studies	2,810
W Va Sch of Osteopathic Med	2,232
Four-year colleges -	
Fairmont State	5,502
West Virginia State	5,012
W Va Institute of Technology	4,691
West Liberty State	4,544
Shepherd	3,380
Concord	3,359
Glennville State	2,743
Bluefield State	2,233
Subtotal, 4-yr c's - \$31,464	
Two-year colleges -	
Potomac State	1,546
Greenbrier Center	89
Subtotal, 2-yr c's - \$1,635	
Community colleges -	
Parkersburg	2,108
West Virginia Northern	1,667
Southern West Virginia	1,539
Subtotal, c c's - \$5,314	
Special appropriations -	
Non-allocated	295
Educational TV	755
Moving TV station	273
Oak Wilt research	14
Bureau for Coal Research	1,000
Forestry products	155
Regional Research Institute	104
Center for Economic Action	58
Community develop & research	33
Title I-matching	133
Awareness	55
Scholarship	2,300
Veterinary, optometry, podiatry, architectural tuition	583
Board of Regents***	675
Total	126,304

(Continued in the next column)

WEST VIRGINIA (Cont from preceding column)

\*Allocated by State Board of Regents from lump-sum appropriation.

\*\*Includes \$5,600,000 estimated proceeds of an allocated tax on sales of soft drinks.

\*\*\*Includes facilities and scholarship administration.

ARIZONA. Appropriations of state tax funds for operating expenses of higher education, fiscal year 1977-78:

Table . State tax-fund appropriations for operating expenses of higher education in Arizona, fiscal year 1977-78, in thousands of dollars.

Institutions (1)	Sums appropriated (2)
U of Arizona	73,701
College of medicine	12,519
University hospital	10,115
Subtotal, U of A - \$96,335	
Arizona State U	59,138
Northern Arizona U	20,450
Board of Regents	823
Comm for Postsecondary Ed	66
WICHE	1,607
Subtotal, s u's - \$178,419	
State aid to community colleges -	
Maricopa County*	17,396
Pima County	7,826
Pinal County	2,111
Graham County	2,042
Cochise County	2,016
Yavapai County	1,816
Yuma County	1,738
Mohave County	1,117
Navajo County	877
State Comm College Board	241
Subtotal, c c's - \$37,180	
Total	215,599

\*Five campuses

The total for fiscal year 1977-78 appears to be a gain of 33 per cent over the comparable figure two years earlier.

## IMPORTANT REASONS WHY UNIVERSITY DOCTORAL PROGRAMS SHOULD BE BUILT UP, NOT CUT DOWN

Dated March 1977 is a brief but cogent one-sheet statement issued by the Council of Graduate Schools in the United States, One Dupont Circle, Suite 740, Washington, D. C. 20036. Ph (202) 223-3791.

It is identified as *Special Report No. 9*. It concisely deplores a recent tendency among some states to declare a moratorium on doctoral education, or to curtail or abolish specific doctoral programs; and refutes the reasoning underlying such a trend. Its five points are digested and more or less loosely paraphrased here:

### *Don't Be Naive about Productivity*

The productivity of a doctoral program is not simply a matter of the degrees granted, though it includes them. Program productivity also includes research papers and monographs, expert consultation both within and external to the institution, and instruction for graduate students in other disciplines, as well as many other services.

A quantitative criterion such as the number of degrees granted during a year or even a period of five years may be wholly inadequate as an indicator of value, present or prospective. A program having relatively few students is not *ipso facto* inferior or declining. The opposite may be true.

### *Forecasting "Manpower Needs" Can Lead to Gross and Costly Errors*

Depending upon unpredictable developments in research, and changing national policies, the need for qualified professionals may soon exceed present training capacity.

Many times in recent history the demand for people in particular specialties has been found to have been greatly underestimated. The only safe prediction for the future is that we will need increasing numbers of scholars in every discipline at the highest academic levels.

### *Freedom of Choice in a Free Nation*

Liberty to earn one's livelihood in any lawful occupation is a cardinal right of every person in a free society. So also freedom of choice in the pursuit of knowledge. Individual aspirations must not be lightly frustrated in the name of shaky predictions of social needs.

There can be no unanimity on the assumption underlying any rigid plan of allocating occupational careers or of assigning programs of university study. Informed and forbearant counseling has a place in many instances; but can easily degenerate into ill-informed covert dictation, to the great and lasting disadvantage of many persons.

Graduate schools should offer knowledge for cultural and intellectual enrichment, as well as to satisfy the job market of the immediate future. Most doctoral programs usually satisfy both goals concomitantly.

### *Academic Balance in a University*

The existence of dissertation-oriented scholarly work in a small department may well enrich academic life for traditionally large departments in other disciplines in the same institution, and incite significant improvement in the quality of the cultural and esthetic experiences in the community.

While no university is precisely like another, the name and the idea connote a wide degree of comprehensiveness, and do not embrace an unbalanced lop-sidedness.

### *Doctoral Programs Elevate the Tone of Undergraduate Education*

The presence of doctoral students provides a matchless intellectual stimulus to undergraduates. It raises the center of maturity for the entire campus. It brings to the institution superior professors, better libraries and laboratories, and additional graduate students.

The creative scholars produced by training at the highest academic level are a most important renewable resource for the nation.