# Center for Higher Education College of Education Illinois State University, Normal, Illinois 61761-6901

Grapeviņe

**SINCE** 1958

Number 343

December 1987

29th YEAR

Page 2157

#### 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

Rankings of the states on appropriations per capita and per \$1,000 personal income 2158
Measurements of effort must be placed in context to avoid unfounded conclusions 2159
Revenues from state and local appropriations and from tuition and fees as percentages of educational revenues
Massachusetts and Missouri tabulations for FY1988 · · · · 216
"What the Figures Are Intended to Mean," the guidelines for GRAPEVINE data 2162

\* \* \* \* \* \*

Now Available: APPROPRIATIONS OF STATE TAX FUND FOR ANNUAL OPERATING EXPENSES OF HIGHER EDUCATION. This annual summary contains a tabulation for each of the states which shows the appropriations figures for FY1988 and the updated figures for FY1987, as well as commentary on higher education financing in 1987, a map of percentages of two-year gains and a table of statewide and nationwide totals for fiscal years 1988, 1986, and 1978, with ten-year and two-year gains. Copies may be obtained from the National Association of State Universities and Land-Grant Colleges, One Dupont Circle, Washington, DC 20036. Cost: \$3.50 (prepaid preferred) from non-members of the Association.

\* \* \* \* \*

Table 60. RANKINGS OF THE STATES ON APPROPRIATIONS PER CAPITA AND PER \$1,000 PERSONAL INCOME, FISCAL YEAR 1987-88.

(1) (2) (3) (4) (5) (6)  (in \$1,000) (5) (5) (5)  Alabama (570,537 140,80 22 12.42 11  Alaska 157,157 294,30 1 16.55 2  Arizona 491,912 148.21 17 11.00 17  Arkansas 279,105 117.67 39 10.63 22  California 4,748,158 175.98 6 10.41 22  Colorado 441,021 134,99 26 8.86 37  Connecticut 409,549 128.43 33 6.55 44  Delaware 101,339 160.09 10 10.67 16  Florida 1,365,759 116,98 42 7,99 42  Georgia 759,404 124.41 36 9.25 35  Hawaii 254,672 239.80 2 16.10 4  Idaho 139,136 138.86 23 12.37 12  Idaho 139,136 138.86 23 12.37 12  Indiana 704,703 128.03 35 9.75 29  Inwa 441,458 154.84 12 11.60 15  Kansas 363,924 147.94 18 10.10 27  Kentucky 499,526 133.96 27 11.92 13  Louisiana 514,517 114.31 45 10.21 25  Maire 140,645 119.90 38 9.37 34  Maryland 614,657 137.72 25 8.17 44  Massachusetts 895,300 153.52 15 8.66 39  Mississippi 362,036 137.92 24 14.20 60  Missouri 503,190 99.33 47 7.20 45  Minesota 809,963 192.21 5 12.82 10  Missouri 503,190 99.33 47 7.20 45  Montana 105,106 128.33 34 10.87 18  New Jarsey 1.013,299 133.00 30 7.14 66  North Dakota 18,174 74,04 7 13.95 83  North Dakota 74,041 104.88 46 8.85 38  Tomboth Dakota 74,041 104.88 46 8.85 38  South Dakota 74,041 104.88 46	Adaptive and the second					
(1) (2) (3) (4) (5) (6)  (a) \$1,000) (5) (5) (5)  Alabama 570,537 140.80 22 12.42 11  Alaska 157,157 294.30 1 16.55 2  Arizona 491,912 148.21 17 11.00 17  Arkansas 279,105 117.67 39 10.63 26  California 4,748,158 175.98 6 10.41 22  Colorado 441,021 134.99 26 8.86 37  Connecticut 409,549 128.43 33 6.55 44  Connecticut 409,549 128.43 33 6.55 44  Delaware 101,339 160.09 10 10.67 16  Florida 1,365,759 116.98 42 7,99 42  Georgia 759,404 124.41 36 9.25 33  Hawaii 254,672 239.80 2 16.10 4  Illinois 1,331,564 115.27 44 7.40 44  Indiana 704,703 128.03 35 9.75 29  Illinois 1,331,564 154.84 12 11.60 15  Kansas 363,924 147.94 18 10.10 27  Kentucky 499,326 133.96 27 11.92 13  Louisiana 514,517 114.31 45 10.21 25  Maine 140,645 119.90 38 9.37 34  Massachusetts 895,300 153.52 15 8.66 39  Michigan 1,313,048 143.58 20 9.72 31  Minesota 80,963 192.21 5 12.82 10  Minesota 80,963 197.27 25 8.17 41  Massachusetts 899,300 153.52 15 8.66 39  Michigan 1,313,048 143.58 20 9.72 31  Minesota 80,963 197.27 25 8.17 40  Massachusetts 899,300 153.52 15 8.66 39  Michigan 1,313,048 143.58 20 9.72 31  Minesota 80,963 197.27 25 8.17 40  Massachusetts 899,300 153.52 15 8.66 39  Mississippi 362,036 137.92 24 14.20 6  Mississippi 362,036 137.92 24 14.20 6  Missouri 503,190 99.33 47 7.20 45  Montana 105,106 128.33 34 10.87 18  New Hampshire 66,901 65.14 50 4.09 50  New Jersey 1,013,299 133.00 30 7.14 46  New Jersey 1,013,299 133.00 30 7.14 46  New Jersey 1,013,299 133.00 30 7.14 46  New Hampshire 66,901 65.14 50 4.09 50  North Dakota 118,174 174.04 7 13.95 88  Morth Dakota 118,174 174.04 7 13.95 88  South Dakota 74,041 104.88 46 8.85 38  Mode Island 126,185 129.42 32 8.88  South Dakota 74,041 104.88 46 8.85 38  Tennessee 639,237 133.09 29 11.09 16  Texas 2,231,785 133.76 28 9.92 28  Washington 678,482 152.06 16 10.13 26  West Virginia 236,565 123.34 37 11.66 14  West Virginia 236,565 123.34 37 11.66 144  West Ourisina 236,565 123.34 37 11.66 144	, , , , , , , , , , , , , , , , , , ,	Appropriation				•
(in \$1,000) (\$) (\$) (\$)  Alabama 570,537 140,880 22 12.42 11 Alaska 157,157 294.30 1 16.55 2 Arizona 491,912 148.21 17 11.00 17 Arkansas 279,105 117.67 39 10.63 20 California 4,748,158 175.98 6 10.41 22 Colorado 441,021 134.99 26 8.86 32 Comecticut 409,549 128.43 33 6.55 46 Delaware 101,339 160.09 10 10.67 15 Florida 1,365,759 116.98 42 7.99 42 Georgia 759,404 124.41 36 9.25 38 Hawaii 254,672 239.80 2 16.10 4 Idaho 139,136 138.86 23 12.37 12 Illinois 1,331,564 115.27 44 7.40 44 Indiana 704,703 128.03 35 9.75 29 Iowa 441,458 154.84 12 11.60 15 Iowa 441,458 154.84 12 11.60 15 Iowa 441,458 154.84 12 11.60 12 Kentucky 499,526 133.96 27 11.92 13 Louisiana 514,517 114.31 45 10.21 Maine 140,645 119.90 38 9.37 34 Maryland 614,657 137.72 25 8.17 41 Marsachusetts 895,300 153.52 15 8.66 39 Michigan 1,313,048 143.58 20 9.72 31 Minnesota 809,63 132.22 4 14.20 6 Missouri 503,190 99.33 47 7.20 6 Missouri 503,190 99.31 47.43 99.52 33 Michigan 1,313,048 143.58 20 9.72 31 Morth Dakota 118,174 174.04 7 13.95 8 Michigan 34,25,25 91 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 1					Per \$1,000**	Rank
Alabama 570,537 140,80 22 12.42 11 Alashas 157,157 294.30 1 16.55 01 Arizona 491,912 148.21 17 11.00 17 Arkansas 279,105 117.67 39 10.63 27 California 4,748,158 175.98 6 10.41 22 Colorado 441,021 134.99 26 8.86 37 Connecticut 409,549 128.43 33 6.55 47 Delaware 101,339 160.09 10 10.67 19 Florida 1,365,759 116.98 42 7.99 26 Georgia 759,404 124.41 36 9.25 33 Hawaii 254,672 239.80 2 16.10 4 Idaho 139,136 138.86 23 12.37 1 Idaho 139,136 138.86 23 12.37 1 Idaho 139,136 138.86 23 12.37 1 Idaho 14,458 154.84 12 11.60 15 Kansas 363,924 147.94 18 10.10 27 Kentucky 499,526 133.96 27 11.92 13 Louisiana 514,517 114.31 45 10.21 25 Maire 140,645 119.90 38 9.37 34 Maryland 614,657 137.72 25 8.17 41 Massachusetts 895,300 153.52 15 8.66 39 Michigan 1,313,108 143.58 20 9.72 31 Minnesota 809,963 192.21 5 12.82 10 Mississippi 362,036 137.92 24 14.20 45 Montana 105,106 128.33 34 10.87 138 New Hampshire 66,001 65.14 50 4.09 13.30 New Hampshire 66,001 65.14 50 4.09 13.30 New Hampshire 66,001 65.14 50 4.09 13.30 New Jersey 1.013.299 133.00 30 7.14 46 New Hampshire 66,001 65.14 50 4.09 13.30 New Jersey 1.013.299 133.00 30 7.14 46 New Hampshire 66,001 65.14 50 4.09 13.30 New Jersey 1.013.299 133.00 30 7.14 46 New Hampshire 66,001 65.14 50 4.09 13.30 New Jersey 1.013.299 133.00 30 7.14 46 New Hampshire 66,001 65.14 50 4.09 13.30 New Jersey 1.013.299 133.00 30 7.14 46 New Hampshire 66,001 65.14 50 4.09 13.30 New Jersey 1.013.299 133.00 30 7.14 46 New Jersey 1.013.299 130.00 30 7.14 46 New Jersey 1.013.29	(1)			(4)		(6)
Alaska 157,157 294.30 1 16.55 1 Arizona 491,912 148.21 17 11.00 13 Arkansas 279,105 117.67 39 10.63 27 California 4,748,158 175.98 6 10.41 California 4,748,158 175.98 6 10.41 California 4,748,158 175.98 6 10.41 Colorado 441,021 134.99 26 8.86 37 Connecticut 409,549 128.43 33 6.55 46 Delaware 101,339 160.09 10 10.67 99 42 Florida 1,365,759 116.98 42 7.99 42 Georgia 759,404 124.41 36 9.25 33 Hawaii 254,672 239.80 2 16.10 4 Idaho 139,136 138.86 23 12.37 12 Illinois 1,331,564 115.27 44 7.40 44 Indiana 704,703 128.03 35 9.75 42 Iwa 441,458 154.84 12 11.60 15 Kansas 363,924 147.94 18 10.10 15 Kansas 363,924 147.94 18 10.10 15 Kentucky 499,526 133.96 27 11.92 13 Louisiana 514,517 114.31 45 10.21 25 Maine 140,645 119.90 38 9.37 34 Maryland 614,657 137.72 25 8.17 41 Massachusetts 895,300 153.52 15 8.66 32 Michigan 1,313,048 143.58 20 9.72 31 Minnesota 809,963 192.21 5 12.82 Mississippi 362,036 137.92 24 14.20 6 Missouri 503,190 99.33 47 7.20 45 Mississippi 362,036 137.92 24 14.20 6 Missouri 503,190 99.33 47 7.20 45 Mississippi 362,036 137.92 24 14.20 6 Missouri 503,190 99.33 47 7.20 45 Montana 105,106 128.33 34 10.87 18 Nebraska 227,203 142.18 21 10.35 23 New Ada 112,730 117.06 41 7.58 49 New Hampshire 66,901 65.14 50 4.09 30 New Hampshi	A 1 1					
Arizona 491,912 148.21 17 11.00 17 Arkansas 279,105 117.67 39 10.63 27 California 4,748,158 175.98 6 10.41 22 Colorado 441,021 134.99 26 8.86 33 Connecticut 409,549 128.43 33 6.55 45 Delaware 101,339 160.09 10 10.67 15 Florida 1,365,759 116.98 42 7.99 42 Georgia 759,404 124.41 36 9.25 33 Hawaii 254,672 239.80 2 16.10 4 Hadaho 139,136 138.86 23 12.37 4 Hadaho 144,458 154.84 12 11.60 15 Kansas 363,924 147.94 18 10.10 27 Lowa 441,458 154.84 12 11.60 15 Kansas 363,924 147.94 18 10.10 22 Lowisiana 514,517 114.31 45 10.21 25 Maine 140,645 119.90 38 9.37 3 Maryland 614,657 137.72 25 8.17 41 Massachusetts 895,300 153.52 15 8.66 39 Michigan 1,313,048 143.58 20 9.72 31 Minnesota 809,963 192.21 5 12.82 10 Minssouri 503,190 99.33 47 7.20 45 Mississippi 362,036 137.92 24 14.20 6 Mississippi 362,036 137.92 24 12.82 10 Mississippi 362,036 137.92 24 12.83 10.87 12.83 10.83 12.83					12.42	11
Arkansas 279,105 117.67 39 10.63 20 California 4,748,158 175.98 6 10.41 22 Colorado 441,021 134,99 26 8.86 37 Connecticut 409,549 128.43 33 6.55 49 Delaware 101,339 160.09 10 10.67 19 Florida 1,365,759 116.98 42 7.99 42 Georgia 759,404 124.41 36 9.25 35 Hawaii 254,672 239.80 2 161.10 4 134 134 135 135 138.86 23 12.37 12 Hawaii 1 254,672 239.80 2 161.10 4 134 134 135 135 138.86 23 12.37 12 Haining 1 131,331,564 115.27 44 7.40 7.40 14 136 138.86 13					16.55	2
California 4,748,158 175.98 6 10.41 22 Colorado 441,021 134,99 26 8.86 37 Connecticut 409,549 128.43 33 6.55 44 Delaware 101,339 160.09 10 10.67 15 Florida 1,365,759 116.98 42 7.99 42 Gorgia 759,404 124.41 36 9.25 35 Hawaii 254,672 239,80 2 160.10 4 136.10 139,136 138.86 23 12.37 12 Hawaii 1,331,564 115.27 44 7.40 44 1.458 154.88 12 11.60 15 Kansas 363,924 147.94 18 10.10 27 Kentucky 499,526 133.96 27 11.92 13 Louisiana 514,517 114.31 45 10.21 25 Maive 140,645 119,90 38 9.37 34 Maryland 614.657 137.72 25 8.17 41 Massachusetts 895,300 153.52 15 8.66 39 Michigan 1,313,048 143.58 20 9.72 31 Missoria 809,963 192.21 5 12.82 10 Missoria 300,704 170.00		· · · · · · · · · · · · · · · · · · ·		17	11.00	17
Colorado 441,021 134,99 26 8,86 37 Connecticut 409,549 128.43 33 6.55 45 Delaware 101,339 160.09 10 10.67 15 Florida 1,365,759 116.98 42 7.99 42 Georgia 759,404 124.41 36 9.25 35 Hawaii 254,672 239,80 2 161.00 4 Idaho 139,136 138.86 23 12.37 12 Illinois 1,331,564 115.27 44 7.40 44 Indiana 704,703 128.03 35 9.75 29 Iowa 441,458 154.84 12 11.60 15 Kansas 363,924 147.94 18 10.10 27 Kentucky 499,526 133.96 27 11.92 13 Louisiana 514,517 114.31 45 10.21 Kentucky 499,526 133.96 27 11.92 13 Maine 140,645 119.90 38 9.37 34 Maryland 614,657 137.72 25 8.17 41 Massachusetts 895,300 153.52 15 8.66 39 Michigan 1,313,048 143.58 20 9.72 31 Minnesota 809,963 192.21 5 12.82 10 Mississippi 362,036 137.92 24 14.20 6 Mississippi 362,036 137.92 24 14.20 6 Missisuri 503,190 99.33 47 7.20 45 Montana 105,106 128.33 34 10.87 18 Nebraska 227,203 142.18 21 10.35 23 Nevada 112,730 117.06 41 7.58 43 New Hampshire 66,901 65.14 50 40.99 10.89 New Jersey 1,013,299 133.00 30 7.14 46 New Mexico 242,798 164.16 9 14.37 5 New Hampshire 66,901 65.14 50 4.09 50 New York 2,936,954 165.26 8 9.66 32 North Dakota 118,174 174,04 7 13.95 8 North Dakota 118,174 174,04 7 13.95 8 Nowl Alanda 386,266 116.87 43 9.52 33 Oregon 349,939 129,70 31 9.73 30			117.67	39	10.63	20
Colorado 441,021 134,99 26 8,86 37 Connecticut 409,549 128,43 33 6.55 45 Delaware 101,339 160.09 10 10.67 15 Florida 1,365,759 116.98 42 7.99 42 Georgia 759,404 124,41 36 9.25 35 Hawaii 254,672 239,80 2 16.10 44 Indian 139,136 138.86 23 12.37 12 Illinois 1,331,564 115.27 44 7.40 44 Indiana 704,703 128.03 35 9.75 29 Lowa 441,458 154.84 12 11.60 15 Kansas 363,924 147.94 18 10.10 27 Kentucky 499,526 133.96 27 11.92 13 Louisiana 514,517 114.31 45 10.21 25 Maine 140,645 119,90 38 9.37 34 Maryland 614,657 137.72 25 8.17 41 Massachusetts 895,300 153.52 15 8.66 39 Michigan 1,313,048 143.58 20 9.72 31 Minnesota 809,963 192.21 5 12.82 10 Mississippi 362,036 137.92 24 14.20 60 Missouri 503,190 99.33 47 7.20 45 Montana 105,106 128.33 34 10.87 18 Nebraska 227,203 142.18 21 10.35 23 New Hampshire 66,901 65.14 50 4.09 50 New Jersey 1.013,299 133.00 30 7.14 46 New Mexico 242,798 164.16 9 14.37 5 New Mort Carolina 1,284,076 20.27 6 4 16.30 3 North Dakota 118,174 174.04 7 13.95 8 North Carolina 521,016 154.28 14 13.66 9 North Carolina 521		4,748,158	175.98	6	10.41	22
Connecticut 409,549 128,43 33 6.55 49 Delaware 101,339 160.09 10 10.67 19 Florida 1,365,759 116.98 42 7.99 42 Georgia 759,404 124,41 36 9.25 35 Hawaii 254,672 239,80 2 16.10 4 Idaho 139,136 138.86 23 12.37 12 Ililinois 1,331,564 115.27 44 7.40 44 Ililinois 1,331,564 115.27 44 7.40 14 Indiana 704,703 128.03 35 9.75 29 Iowa 441,458 154.84 12 11.60 15 Kansas 363,924 147.94 18 10.10 27 Kentucky 499,526 133.96 27 11.92 13 Louisiana 514,517 114.31 45 10.21 25 Maine 140,645 119,90 38 9.37 34 Maryland 614,657 137.72 25 8.17 41 Massachusetts 895,300 153.52 15 8.66 39 Michigan 1,313,048 143.58 20 9.72 31 Minnesota 809,963 192.21 5 12.82 10 Mississippi 362,036 137.92 24 14.20 6 Mississippi 362,036 137.92 24 14.20 6 Missouri 503,190 99,33 47 7.20 45 Montana 105,106 128.33 34 10.87 18 New Hampshire 66,901 65.14 50 4.09 50 New Jersey 1,013,299 133.00 30 7.14 46 New Maxico 242,798 164,16 9 14.37 5 New Hampshire 66,901 65.14 50 4.09 50 North Carolina 1,284,076 202.76 4 16.30 3 North Dakota 118,174 174.04 7 13.95 87 New Garon 349,939 129,70 31 9.73 30 Oregon 349,939 129,70 31 9.73 30 Orego	Colorado	441,021	134.99	26		37
Delaware         101,339         160.09         10         10.67         19           Florida         1,365,759         116.98         42         7.99         42           Georgia         759,404         124.41         36         9.25         35           Hawaii         254,672         239.80         2         16.10         4           Idaho         139,136         138.86         23         12.37         12           Illinois         1,331,564         115.27         44         7.40         44           Indiana         704,703         128.03         35         9.75         29           Indiana         704,703         128.03         35         9.75         29           Kansas         363,924         147.94         18         10.10         27           Kentucky         499,526         133.96         27         11.92         13           Kentucky         499,526         133.96         27         11.92         13           Maine         140,645         119.90         38         9.37         34           Maryland         614,657         137.72         25         8.17         41           M	Connecticut	409,549	128.43	33		49
Florida 1,365,759 116.98 42 7.99 42 Georgia 759,404 124.41 36 9.25 35 Hawaii 254,672 239.80 2 16.10 4 Idaho 139,136 138.86 23 12.37 12 Illinois 1,331,564 115.27 44 7.40 44 Indiana 704,703 128.03 35 9.75 29 Iowa 441,458 154.84 12 11.60 15 Kansas 363,924 147.94 18 10.10 27 Kentucky 499,526 133.96 27 11.92 13 Louisiana 514,517 114.31 45 10.21 25 Maine 140,645 119.90 38 9.37 34 Maryland 614,657 137.72 25 8.17 41 Massachusetts 895,300 153.52 15 8.66 39 Michigan 1,313,048 143.58 20 9.72 31 Mississippi 362,036 137.92 24 14.20 66 Mississippi 362,036 137.92 24 14.20 66 Missouri 503,190 99.33 47 7.20 45 Montana 105,106 128.33 34 10.87 18 Nebraska 227,203 142.18 21 10.35 23 New Hampshire 66,901 65.14 50 4.09 50 New Jersey 1,013,299 133.00 30 7.14 46 New Mexico 242,798 164.16 9 14.37 58 New George 1,013,299 133.00 30 7.14 46 New Mexico 242,798 164.16 9 14.37 58 New York 2,936,954 165.26 8 9.66 32 North Dakota 18,174 174.04 7 13,95 8 North Dakota 18,174 174.04 7 13,95 8 North Dakota 1,284,076 202.76 4 16.30 3 Pennsylvania 1,176,066 98.93 48 6.94 48 Rhode Island 126,185 129.42 32 8.88 36 North Dakota 74,041 104.58 46 8.85 38 Tennessee 639,237 133.09 99.13 14.07 7 New South Dakota 74,041 104.58 46 8.85 38 Tennessee 639,237 133.09 99.13 14.07 7 New Tewas 2,231,785 133.76 28 9.92 28 Utah 257,389 154.59 13 14.07 7 New Tewas 2,231,785 133.76 28 9.92 28 Utah 257,389 154.59 13 14.07 7 New South Dakota 74,041 104.58 46 8.85 38 Tennessee 639,237 133.09 99.10 10.00 47 New South Dakota 74,041 104.58 46 8.85 38 Tennessee 639,237 133.09 99.34 7 New Tewas 2,231,785 133.76 28 9.92 28 Utah 257,389 154.59 13 14.07 7 New South Dakota 74,041 104.58 46 8.85 38 Tennessee 639,237 133.09 99.10 10.00 47 New South Dakota 74,041 104.58 46 8.85 38 Tennessee 639,237 133.09 99.10 10.00 47 New South Dakota 74,041 104.58 46 8.85 38 Tennessee 639,237 133.09 99.10 99.10 10.00 47 New South Dakota 74,041 104.58 46 8.85 38 Tennessee 639,237 133.09 99.10 99.10 10.00 47 New South Dakota 74,041 104.58 46 8.85 38 Tennessee 639,237 133.09 14.07 7 Texas 9.92 14.00 1	Delaware	101,339				19
Georgia         759,404         124.41         36         9.25         35           Hawaii         254,672         239,80         2         16.10         4           Idaho         139,136         138.86         23         12.37         12           Illinois         1,331,564         115.27         44         7.40         44           Indiana         704,703         128.03         35         9.75         29           Iowa         441,458         154.84         12         11.60         15           Kansas         363,924         147.94         18         10.10         27           Kentucky         499,526         133.96         27         11.92         13           Louisiana         514,517         114.31         45         10.21         25           Maine         140,645         119.90         38         9.37         34           Maryland         614,657         137.72         25         8.17         41           Massachusetts         895,300         153.52         15         8.66         39           Michigan         1,313,048         143.58         20         9.72         31           <	Florida					42
Hawaii         254,672         239.80         2         16.10         4           Idaho         139,136         138.86         23         12.37         12           Illinois         1,331,564         115.27         44         7.40         44           Indiana         704,703         128.03         35         9.75         29           Lowa         441,458         154.84         12         11.60         15           Kansas         363,924         147.94         18         10.10         27           Kentucky         499,526         133.96         27         11.92         13           Louisiana         514,517         114.31         45         10.21         25           Maine         140,645         119.90         38         9.37         34           Maryland         614,657         137.72         25         8.17         41           Massachusetts         895,300         153.52         15         8.66         39           Michigan         1,313,048         143.58         20         9.72         31           Minnesota         809,963         192.21         5         12.82         10	Georgia					
Idaho         139,136         138.86         23         12.37         12           Illinois         1,331,564         115.27         44         7.40         44           Indiana         704,703         128.03         35         9.75         29           Lowa         441,458         154.84         12         11.60         15           Kansas         363,924         147.94         18         10.10         27           Kentucky         499,526         133.96         27         11.92         13           Louisiana         514,517         114.31         45         10.21         25           Maine         140,645         119.90         38         9.37         34           Maryland         614,657         137.72         25         8.17         41           Massachusetts         895,300         153.52         15         8.66         39           Michigan         1,313,048         143.58         20         9.72         31           Mississippi         362,036         137.92         24         14.20         6           Mississippi         362,036         137.92         24         14.20         6	Hawaii					4
Tillinois	Idaho					
Indiana						
Iowa         441,458         154.84         12         11.60         15           Kansas         363,924         147.94         18         10.10         27           Kentucky         499,526         133.96         27         11.92         13           Louisiana         514,517         114.31         45         10.21         25           Maine         140,645         119.90         38         9.37         34           Maryland         614,657         137.72         25         8.17         41           Massachusetts         895,300         153.52         15         8.66         39           Michigan         1,313,048         143.58         20         9.72         31           Minnesota         809,963         192.21         5         12.82         10           Mississisppi         362,036         137.92         24         14.20         6           Mississisppi         362,036         137.92         24         14.20         6           Mississippi         362,036         137.92         24         14.20         6           Mortana         105,106         128.33         34         10.87         18						
Kansas 363,924 147,94 18 10.10 27 Kentucky 499,526 133,96 27 11.92 13 Louisiana 514,517 114.31 45 10.21 25 Maine 140,645 119.90 38 9.37 34 Maryland 614,657 137.72 25 8.17 41 Massachusetts 895,300 153.52 15 8.66 39 Michigan 1,313,048 143.58 20 9.72 31 Minnesota 809,963 192.21 5 12.82 10 Mississippi 362,036 137.92 24 14.20 6 Missouri 503,190 99.33 47 7.20 45 Montana 105,106 128.33 34 10.87 18 Nebraska 227,203 142.18 21 10.35 23 Nevada 112,730 117.06 41 7.58 43 New Hampshire 66,901 65.14 50 4.09 50 New Jersey 1.013,299 133.00 30 7.14 46 New Mexico 242,798 164.16 9 14.37 5 New York 2,936,954 165.26 8 9.66 32 North Carolina 1,284,076 202.76 4 16.30 3 North Dakota 118,174 174.04 7 13.95 8 North Dakota 1,259,569 117.15 40 8.41 40 Oklahoma 386,266 116.87 43 9.52 33 Oregon 349,939 129.70 31 9.73 30 Pennsylvania 1,176,066 98.93 48 6.94 48 Routh Carolina 521,016 154.28 14 13.66 9 South Dakota 74,041 104.58 46 8.85 38 Fennessee 639,237 133.09 29 11.09 16 Texas 2,231,785 133.76 28 9.92 28 Utah 257,389 154.59 13 14.07 7 Virginia 915,818 158.25 11 10.27 24 West Virginia 915,818 158.25 11 10.27 24 West Virginia 236,565 123.34 37 11.66 14 Wisconsin 705,430 147.43 19 10.60 21						
Kentucky         499,526         133,96         27         11,92         13           Louisiana         514,517         114,31         45         10.21         25           Maine         140,645         119,90         38         9.37         34           Maryland         614,657         137.72         25         8.17         41           Massachusetts         895,300         153.52         15         8.66         39           Michigan         1,313,048         143.58         20         9.72         31           Misnesota         809,963         192.21         5         12.82         10           Mississippi         362,036         137.92         24         14.20         6           Missouri         503,190         99.33         47         7.20         45           Montana         105,106         128.33         34         10.87         18           Nebraska         227,203         142.18         21         10.35         23           Nevada         112,730         117.06         41         7.58         43           New Hampshire         66,901         65.14         50         4.09         50						
Louisiana 514,517 114,31 45 10.21 25 Maine 140,645 119.90 38 9.37 34 Maryland 614,657 137.72 25 8.17 41 Massachusetts 895,300 153.52 15 8.66 39 Michigan 1,313,048 143.58 20 9.72 31 Minnesota 809,963 192.21 5 12.82 10 Mississippi 362,036 137.92 24 14.20 6 Missouri 503,190 99.33 47 7.20 45 Montana 105,106 128.33 34 10.87 18 Nebraska 227,203 142.18 21 10.35 23 Newada 112,730 117.06 41 7.58 43 New Hampshire 66,901 65.14 50 4.09 50 New Jersey 1.013,299 133.00 30 7.14 46 New Mexico 242,798 164.16 9 14.37 5 New York 2,936,954 165.26 8 9.66 32 North Carolina 1,284,076 202.76 4 16.30 3 North Dakota 118,174 174.04 7 13.95 8 North Dakota 118,174 174.04 7 13.95 8 Ohio 1,259,569 117.15 40 8.41 40 Oklahoma 386,266 116.87 43 9.52 33 Oregon 349,939 129.70 31 9.73 30 Pennsylvania 1,176,066 98.93 48 6.94 48 Rhode Island 126,185 129,42 32 8.88 36 South Carolina 521,016 154.28 14 13.66 9 South Dakota 74,041 104.58 46 8.85 38 Tennessee 639,237 133.09 29 11.09 16 Texas 2,231,785 133.76 28 9.92 28 Washington 678,482 152.06 16 10.13 26 West Virginia 915,818 158.25 11 10.27 24 Washington 678,482 152.06 16 10.13 26 West Virginia 236,565 123.34 37 11.66 14 Wisconsin 705,430 147.43 19 10.60 21						
Maine         140,645         119.90         38         9.37         34           Maryland         614,657         137.72         25         8.17         41           Massachusetts         895,300         153.52         15         8.66         39           Michigan         1,313,048         143.58         20         9.72         31           Minnesota         809,963         192.21         5         12.82         10           Mississippi         362,036         137.92         24         14.20         6           Missouri         503,190         99.33         47         7.20         45           Montana         105,106         128.33         34         10.87         18           Nebraska         227,203         142.18         21         10.35         23           New Hampshire         66,901         65.14         50         4.09         50           New Jersey         1,013.299         133.00         30         7.14         46           New York         2,936,954         165.26         8         9.66         32           North Carolina         1,284,076         202.76         4         16.30         3	•					
Maryland         614,657         137.72         25         8.17         41           Massachusetts         895,300         153.52         15         8.66         39           Michigan         1,313,048         143.58         20         9.72         31           Minnesota         809,963         192.21         5         12.82         10           Mississippi         362,036         137.92         24         14.20         6           Missouri         503,190         99.33         47         7.20         45           Montana         105,106         128.33         34         10.87         18           Nebraska         227,203         142.18         21         10.35         23           Nevada         112,730         117.06         41         7.58         43           New Hampshire         66,901         65.14         50         4.09         50           New Hexico         242,798         164.16         9         14.37         5           New York         2,936,954         165.26         8         9.66         32           North Carolina         1,284,076         202.76         4         16.30         3     <						
Massachusetts         895,300         153.52         15         8.66         39           Michigan         1,313,048         143.58         20         9.72         31           Minnesota         809,963         192.21         5         12.82         10           Mississippi         362,036         137.92         24         14.20         6           Missouri         503,190         99.33         47         7.20         45           Montana         105,106         128.33         34         10.87         18           Nebraska         227,203         142.18         21         10.35         23           Nevada         112,730         117.06         41         7.58         43           New Hampshire         66,901         65.14         50         4.09         50           New Mexico         242,798         164.16         9         14.37         5           New Work         2,936,954         165.26         8         9.66         32           North Carolina         1,284,076         202.76         4         16.30         3           North Dakota         118,174         174.04         7         13.95         8						34
Michigan         1,313,048         143.58         20         9.72         31           Minnesota         809,963         192.21         5         12.82         10           Mississippi         362,036         137.92         24         14.20         6           Missouri         503,190         99.33         47         7.20         45           Montana         105,106         128.33         34         10.87         18           Nebraska         227,203         142.18         21         10.35         23           Nevada         112,730         117.06         41         7.58         43           New Hampshire         66,901         65.14         50         4.09         50           New Jersey         1.013,299         133.00         30         7.14         46           New Mexico         242,798         164.16         9         14.37         5           New Hork         2,936,954         165.26         8         9.66         32           North Carolina         1,284,076         202.76         4         16.30         3           North Dakota         118,174         174.04         7         13.95         8						41
Minnesota       809,963       192.21       5       12.82       10         Mississippi       362,036       137.92       24       14.20       6         Missouri       503,190       99.33       47       7.20       45         Montana       105,106       128.33       34       10.87       18         Nebraska       227,203       142.18       21       10.35       23         Nevada       112,730       117.06       41       7.58       43         New Hampshire       66,901       65.14       50       4.09       50         New Hexico       242,798       164.16       9       14.37       5         New York       2,936,954       165.26       8       9.66       32         North Carolina       1,284,076       202.76       4       16.30       3         North Dakota       118,174       174.04       7       13.95       8         Ohio       1,259,569       117.15       40       8.41       40         Oklahoma       386,266       116.87       43       9.52       33         Oregon       349,939       129.70       31       9.73       30      <						39
Mississippi         362,036         137.92         24         14.20         6           Missouri         503,190         99.33         47         7.20         45           Montana         105,106         128.33         34         10.87         18           Nebraska         227,203         142.18         21         10.35         23           Nevada         112,730         117.06         41         7.58         43           New Hampshire         66,901         65.14         50         4.09         50           New Jersey         1,013,299         133.00         30         7.14         46           New York         2,936,954         165.26         8         9.66         32           North Carolina         1,284,076         202.76         4         16.30         3           North Dakota         118,174         174.04         7         13.95         8           Ohio         1,259,569         117.15         40         8.41         40           Oklahoma         386,266         116.87         43         9.52         33           Oregon         349,939         129.70         31         9.73         30						31
Missouri       503,190       99.33       47       7.20       45         Montana       105,106       128.33       34       10.87       18         Nebraska       227,203       142.18       21       10.35       23         Nevada       112,730       117.06       41       7.58       43         New Hampshire       66,901       65.14       50       4.09       50         New Jersey       1.013,299       133.00       30       7.14       46         New Mexico       242,798       164.16       9       14.37       5         New York       2,936,954       165.26       8       9.66       32         North Carolina       1,284,076       202.76       4       16.30       3         North Dakota       118,174       174.04       7       13.95       8         Ohio       1,259,569       117.15       40       8.41       40         Oklahoma       386,266       116.87       43       9.52       33         Oregon       349,939       129.70       31       9.73       30         Pennsylvania       1,176,066       98.93       48       6.94       48						10
Montana         105,106         128.33         34         10.87         18           Nebraska         227,203         142.18         21         10.35         23           Nevada         112,730         117.06         41         7.58         43           New Hampshire         66,901         65.14         50         4.09         50           New Jersey         1.013.299         133.00         30         7.14         46           New Mexico         242,778         164.16         9         14.37         5           New York         2,936,954         165.26         8         9.66         32           North Carolina         1,284,076         202.76         4         16.30         3           North Dakota         118,174         174.04         7         13.95         8           Ohio         1,259,569         117.15         40         8.41         40           Oklahoma         386,266         116.87         43         9.52         33           Oregon         349,939         129.70         31         9.73         30           Pennsylvania         1,176,066         98.93         48         6.94         48 <td></td> <td></td> <td></td> <td></td> <td></td> <td> 6</td>						6
Nebraska         227,203         142.18         21         10.35         23           Nevada         112,730         117.06         41         7.58         43           New Hampshire         66,901         65.14         50         4.09         50           New Jersey         1.013,299         133.00         30         7.14         46           New Mexico         242,798         164.16         9         14.37         5           New York         2,936,954         165.26         8         9.66         32           North Carolina         1,284,076         202.76         4         16.30         3           North Dakota         118,174         174.04         7         13.95         8           Ohio         1,259,569         117.15         40         8.41         40           Oklahoma         386,266         116.87         43         9.52         33           Oregon         349,939         129.70         31         9.73         30           Pennsylvania         1,176,066         98.93         48         6.94         48           South Carolina         521,016         154.28         14         13.66         9				47	7.20	45
Nevada         112,730         117.06         41         7.58         43           New Hampshire         66,901         65.14         50         4.09         50           New Jersey         1.013,299         133.00         30         7.14         46           New Mexico         242,798         164.16         9         14.37         5           New York         2,936,954         165.26         8         9.66         32           North Carolina         1,284,076         202.76         4         16.30         3           North Dakota         118,174         174.04         7         13.95         8           Ohio         1,259,569         117.15         40         8.41         40           Oklahoma         386,266         116.87         43         9.52         33           Oregon         349,939         129.70         31         9.73         30           Pennsylvania         1,176,066         98.93         48         6.94         48           Rhode Island         126,185         129.42         32         8.88         36           South Dakota         74,041         104.58         46         8.85         38			128.33	34	10.87	18
New Hampshire         66,901         65.14         50         4.09         50           New Jersey         1,013,299         133.00         30         7.14         46           New Mexico         242,798         164.16         9         14.37         5           New York         2,936,954         165.26         8         9.66         32           North Carolina         1,284,076         202.76         4         16.30         3           North Dakota         118,174         174.04         7         13.95         8           Ohio         1,259,569         117.15         40         8.41         40           Oklahoma         386,266         116.87         43         9.52         33           Oregon         349,939         129.70         31         9.73         30           Pennsylvania         1,176,066         98.93         48         6.94         48           Rhode Island         126,185         129.42         32         8.88         36           South Dakota         74,041         104.58         46         8.85         38           Tennessee         639,237         133.09         29         11.09         16 <td></td> <td></td> <td>142.18</td> <td>21</td> <td>10.35</td> <td>23</td>			142.18	21	10.35	23
New Jersey         1,013,299         133.00         30         7.14         46           New Mexico         242,798         164.16         9         14.37         5           New York         2,936,954         165.26         8         9.66         32           North Carolina         1,284,076         202.76         4         16.30         3           North Dakota         118,174         174.04         7         13.95         8           Ohio         1,259,569         117.15         40         8.41         40           Oklahoma         386,266         116.87         43         9.52         33           Oregon         349,939         129.70         31         9.73         30           Pennsylvania         1,176,066         98.93         48         6.94         48           Rhode Island         126,185         129.42         32         8.88         36           South Carolina         521,016         154.28         14         13.66         9           South Dakota         74,041         104.58         46         8.85         38           Tennessee         639,237         133.09         29         11.09         16	Nevada	112,730	117.06	41	7.58	43
New Mexico       242,798       164.16       9       14.37       5         New York       2,936,954       165.26       8       9.66       32         North Carolina       1,284,076       202.76       4       16.30       3         North Dakota       118,174       174.04       7       13.95       8         Ohio       1,259,569       117.15       40       8.41       40         Oklahoma       386,266       116.87       43       9.52       33         Oregon       349,939       129.70       31       9.73       30         Pennsylvania       1,176,066       98.93       48       6.94       48         Rhode Island       126,185       129.42       32       8.88       36         South Carolina       521,016       154.28       14       13.66       9         South Dakota       74,041       104.58       46       8.85       38         Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7     <	New Hampshire	66,901	65.14	50	4.09	50
New Mexico       242,798       164.16       9       14.37       5         New York       2,936,954       165.26       8       9.66       32         North Carolina       1,284,076       202.76       4       16.30       3         North Dakota       118,174       174.04       7       13.95       8         Ohio       1,259,569       117.15       40       8.41       40         Oklahoma       386,266       116.87       43       9.52       33         Oregon       349,939       129.70       31       9.73       30         Pennsylvania       1,176,066       98.93       48       6.94       48         Rhode Island       126,185       129.42       32       8.88       36         South Carolina       521,016       154.28       14       13.66       9         South Dakota       74,041       104.58       46       8.85       38         Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7     <	New Jersey	1,013,299	133.00	30	7.14	46
New York       2,936,954       165.26       8       9.66       32         North Carolina       1,284,076       202.76       4       16.30       3         North Dakota       118,174       174.04       7       13.95       8         Ohio       1,259,569       117.15       40       8.41       40         Oklahoma       386,266       116.87       43       9.52       33         Oregon       349,939       129.70       31       9.73       30         Pennsylvania       1,176,066       98.93       48       6.94       48         Rhode Island       126,185       129.42       32       8.88       36         South Carolina       521,016       154.28       14       13.66       9         South Dakota       74,041       104.58       46       8.85       38         Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7         Vermont       50,555       93.45       49       7.00       47	New Mexico	242,798	` 164.16	9	14.37	5
North Carolina       1,284,076       202.76       4       16.30       3         North Dakota       118,174       174.04       7       13.95       8         Ohio       1,259,569       117.15       40       8.41       40         Oklahoma       386,266       116.87       43       9.52       33         Oregon       349,939       129.70       31       9.73       30         Pennsylvania       1,176,066       98.93       48       6.94       48         Rhode Island       126,185       129.42       32       8.88       36         South Carolina       521,016       154.28       14       13.66       9         South Dakota       74,041       104.58       46       8.85       38         Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7         Vermont       50,555       93.45       49       7.00       47         Virginia       915,818       158.25       11       10.27       24	New York	2,936,954	165.26	8		32
North Dakota       118,174       174.04       7       13.95       8         Ohio       1,259,569       117.15       40       8.41       40         Oklahoma       386,266       116.87       43       9.52       33         Oregon       349,939       129.70       31       9.73       30         Pennsylvania       1,176,066       98.93       48       6.94       48         Rhode Island       126,185       129.42       32       8.88       36         South Carolina       521,016       154.28       14       13.66       9         South Dakota       74,041       104.58       46       8.85       38         Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7         Vermont       50,555       93.45       49       7.00       47         Virginia       915,818       158.25       11       10.27       24         Washington       678,482       152.06       16       10.13       26	North Carolina					3
Ohio       1,259,569       117.15       40       8.41       40         Oklahoma       386,266       116.87       43       9.52       33         Oregon       349,939       129.70       31       9.73       30         Pennsylvania       1,176,066       98.93       48       6.94       48         Rhode Island       126,185       129.42       32       8.88       36         South Carolina       521,016       154.28       14       13.66       9         South Dakota       74,041       104.58       46       8.85       38         Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7         Vermont       50,555       93.45       49       7.00       47         Virginia       915,818       158.25       11       10.27       24         Washington       678,482       152.06       16       10.13       26         West Virginia       236,565       123.34       37       11.66       14	North Dakota					
Oklahoma       386,266       116.87       43       9.52       33         Oregon       349,939       129.70       31       9.73       30         Pennsylvania       1,176,066       98.93       48       6.94       48         Rhode Island       126,185       129.42       32       8.88       36         South Carolina       521,016       154.28       14       13.66       9         South Dakota       74,041       104.58       46       8.85       38         Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7         Vermont       50,555       93.45       49       7.00       47         Virginia       915,818       158.25       11       10.27       24         Washington       678,482       152.06       16       10.13       26         West Virginia       236,565       123.34       37       11.66       14         Wisconsin       705,430       147.43       19       10.60       21 </td <td>Ohio</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Ohio					
Oregon       349,939       129.70       31       9.73       30         Pennsylvania       1,176,066       98.93       48       6.94       48         Rhode Island       126,185       129.42       32       8.88       36         South Carolina       521,016       154.28       14       13.66       9         South Dakota       74,041       104.58       46       8.85       38         Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7         Vermont       50,555       93.45       49       7.00       47         Virginia       915,818       158.25       11       10.27       24         Washington       678,482       152.06       16       10.13       26         West Virginia       236,565       123.34       37       11.66       14         Wisconsin       705,430       147.43       19       10.60       21	Oklahoma					
Pennsylvania       1,176,066       98.93       48       6.94       48         Rhode Island       126,185       129.42       32       8.88       36         South Carolina       521,016       154.28       14       13.66       9         South Dakota       74,041       104.58       46       8.85       38         Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7         Vermont       50,555       93.45       49       7.00       47         Virginia       915,818       158.25       11       10.27       24         Washington       678,482       152.06       16       10.13       26         West Virginia       236,565       123.34       37       11.66       14         Wisconsin       705,430       147.43       19       10.60       21						
Rhode Island       126,185       129.42       32       8.88       36         South Carolina       521,016       154.28       14       13.66       9         South Dakota       74,041       104.58       46       8.85       38         Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7         Vermont       50,555       93.45       49       7.00       47         Virginia       915,818       158.25       11       10.27       24         Washington       678,482       152.06       16       10.13       26         West Virginia       236,565       123.34       37       11.66       14         Wisconsin       705,430       147.43       19       10.60       21	_					
South Carolina         521,016         154.28         14         13.66         9           South Dakota         74,041         104.58         46         8.85         38           Tennessee         639,237         133.09         29         11.09         16           Texas         2,231,785         133.76         28         9.92         28           Utah         257,389         154.59         13         14.07         7           Vermont         50,555         93.45         49         7.00         47           Virginia         915,818         158.25         11         10.27         24           Washington         678,482         152.06         16         10.13         26           West Virginia         236,565         123.34         37         11.66         14           Wisconsin         705,430         147.43         19         10.60         21						
South Dakota       74,041       104.58       46       8.85       38         Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7         Vermont       50,555       93.45       49       7.00       47         Virginia       915,818       158.25       11       10.27       24         Washington       678,482       152.06       16       10.13       26         West Virginia       236,565       123.34       37       11.66       14         Wisconsin       705,430       147.43       19       10.60       21						
Tennessee       639,237       133.09       29       11.09       16         Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7         Vermont       50,555       93.45       49       7.00       47         Virginia       915,818       158.25       11       10.27       24         Washington       678,482       152.06       16       10.13       26         West Virginia       236,565       123.34       37       11.66       14         Wisconsin       705,430       147.43       19       10.60       21						
Texas       2,231,785       133.76       28       9.92       28         Utah       257,389       154.59       13       14.07       7         Vermont       50,555       93.45       49       7.00       47         Virginia       915,818       158.25       11       10.27       24         Washington       678,482       152.06       16       10.13       26         West Virginia       236,565       123.34       37       11.66       14         Wisconsin       705,430       147.43       19       10.60       21	_					
Utah     257,389     154.59     13     14.07     7       Vermont     50,555     93.45     49     7.00     47       Virginia     915,818     158.25     11     10.27     24       Washington     678,482     152.06     16     10.13     26       West Virginia     236,565     123.34     37     11.66     14       Wisconsin     705,430     147.43     19     10.60     21						
Vermont       50,555       93.45       49       7.00       47         Virginia       915,818       158.25       11       10.27       24         Washington       678,482       152.06       16       10.13       26         West Virginia       236,565       123.34       37       11.66       14         Wisconsin       705,430       147.43       19       10.60       21						
Virginia       915,818       158.25       11       10.27       24         Washington       678,482       152.06       16       10.13       26         West Virginia       236,565       123.34       37       11.66       14         Wisconsin       705,430       147.43       19       10.60       21						
Washington       678,482       152.06       16       10.13       26         West Virginia       236,565       123.34       37       11.66       14         Wisconsin       705,430       147.43       19       10.60       21						
West Virginia 236,565 123.34 37 11.66 14 Wisconsin 705,430 147.43 19 10.60 21	<del>-</del>					
Wisconsin 705,430 147.43 19 10.60 21	<del>-</del>					
· · · · · · · · · · · · · · · · · · ·	_					
	Wyoming	114,188	225.22	3	17.61	1
United States 34,042,052 141.58 9.68  *State appropriations divided by the U.S. Census Bureau's civilian population				<del></del>		

<sup>\*</sup>State appropriations divided by the U.S. Census Bureau's civilian population estimates for 1985.

<sup>\*\*</sup>State appropriations divided by personal income as reported by the U.S. Commerce Department,1985.

#### MEASUREMENTS OF EFFORT

"We emphasize that comparisons are of limited usefulness but have value if correctly interpreted." This quotation, which appears at least once a year in GRAPEVINE, is especially true when using the data presented in Table 60. which rank states on measurements such as per capita and per \$1,000 personal income have the advantage of reducing large figures such as billions of dollars to smaller entities, such as "every person in the state pays so many dollars for higher education." Comparisons between states of relative population and wealth are facilitated by these two measures. The obvious limitation is that state appropriations for operating expenses represent only one source of public support for higher education, albeit a very large and important source. "State appropriations account for most of the government appropriations to public institutions. For example, in 4-yr public institutions, more than nine-tenths (94%) of all government appropriations came from state sources. . . In 2-year public colleges, almost three-quarters (72 %) of all government appropriations came from state sources \* It would appear, then, that there is some validity to ranking states on appropriations per capita and per \$1,000 personal income. In instances where it can be clearly shown that a state derives a sizeable amount of support from sources other than state taxes, a better comparison using the per capita and \$1,000 personal income scales might be for that state to look at only its own dollar amounts over time and to determine its effort on the basis of its own wealth and population and the relationship of those amounts to the national averages. Table 61 provides a useful illustration of additional data beyond state tax appropriations which should be considered in a more complete analysis of support for higher education.

Table 61 shows the ratio of revenues from tax sources, State and Local Revenues: state and local, to the total funds from all sources for higher education. While the national average of 58% of total support comes from combined state and local sources, the portions which come from local revenues will vary greatly, from no local revenues in 17 of the states to a sizeable sum in those states with large community college systems which are partially supported by local taxes.\*\*

Tuition: After tax revenues, the second largest source of support for higher education comes from tuition and fees. As Table 61 indicates, there is wide variation among the states on this measure. It could be argued that tuition represents an individual contribution rather than public support, but there does seem to be a relationship between the percentages of support which come from tax sources and those from tuition and fees. An hypothesis which comes immediately to mind is that states with higher percentages of tax support will have lower percentages of support from tuition and fees and that the converse will also be true. The chart below appears to support this hypothesis.

(A)	High appropriations (above 63%)/ Low tuition (below 15%)	Of the 14 states in this category 11 appear in both
(B)	High tuition (23% and above)/ Low appropriations (below 50%)	Of the 11 states in this category 8 appear in both

<sup>\*</sup>U. S. Department of Education. Current Funds Revenues and Expenditures in Institutions of Higher Education, (March 1987) p. 13.

\*\*Halstead, Kent. State Profiles: Financing Public Higher Education, 1978 to 1987, Table 5, pp. 87-99.

#### WHAT THE FIGURES ARE INTENDED TO MEAN

The data for this report are supplied by key persons in each state who report them to the monthly newsletter, <u>Grapevine</u>. The ground rules used to achieve an approach to uniformity of reporting are enumerated below. Diversities of practice among the 50 states make it impossible to eliminate all inconsistencies and to accomplish absolute comparability among states and among institutions. We emphasize that comparisons are of limited usefulness but have value if correctly interpreted.

- 1. Include only sums appropriated for operating expenses. Exclude appropriations for capital outlay.
- Include only sums derived from state tax funds. Exclude funds derived from federal sources, local sources, student fees, or any other source other than state tax funds.
- 3. <u>Include</u> sums destined for higher education but appropriated to some other state agency. (Examples: funds intended for faculty salaries and/or fringe benefits may be appropriated to the state treasurer and disbursed by that office; certain funds for medical and health education may be appropriated to the state department of health and disbursed from that department. Sometimes these sums have to be estimated because the exact amounts disbursed cannot be known until after the end of the fiscal period.)
- 4. <u>Include</u> sums appropriated to statewide coordinating boards or governing boards, either for board expenses or for allocation by the board to other institutions or both.
- 5. Include sums appropriated for state scholarships or other student financial aid.
- Include sums appropriated for state aid to local public community colleges and for operation of state-supported community colleges, and for vocational-technical two-year colleges or institutes which are predominantly for high school graduates and adult students.
- 7. Include appropriations directed to private institutions of higher education at all levels.

Center for Higher Education College of Education Illinois State University, Normal, IL 61761-6901

## Grapevine

Edward Hines, Director and Editor M.M. Chambers, Founding Editor Gwen B. Pruyne, Managing Editor

Responsibility for any 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.

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

#### MASSACHUSETTS

Table 62 Appropriations of state tax funds for operating expenses of higher education, fiscal year 1987-88, in thousands of dollars.

Institutions	Sums	appropriated
(1)		(2)
University of Massach	usetts	
Amherst		166,702
Boston		61,489
Worcester		29,707
President's office		698
Subtotal, U of M,		258,596
University of Lowell		52,407
Southeastern Mass Uni	V	31,217
State Colleges		
Salem		20,474
Bridgewater		19,675
Fitchburg		16,395
Worcester		13,351
Framingham		13,172
Westfield		12,977
North Adams		9,156
Mass Maritime		8,493
Mass College of Art		8,747
Subtotal, S C's,	<del></del>	122,440
Community Colleges		122,770
Springfield		13,657
North Shore		12,789
Massasoit		12,752
Northern Essex		10,945
Bunker Hill		
Holyoke		10,034
Middlesex		9,938
Bristol		8,354
		8,234
Roxbury		8,130
Quinsigamond		7,708
Berkshire		6,818
Mass Bay		6,746
Cape Cod		6,516
Mt Wachusett		6,433
Greenfield		5 <b>,</b> 604
Subtotal, C C's,		134,658
Fringe benefits		132,086
Collective bargaining	<del>«</del>	51,307
Board of Regents		4,159
Scholarships		84,390
Other		24,039
Total		895,300
*The campus appropriat	cions :	include par-

<sup>&</sup>quot;The campus appropriations include partial collective bargaining costs; therefore, comparisons with former years will not be accurate.

#### MISSOURI

Table 63. Appropriations of state tax funds for operating expenses of higher education, <u>fiscal year 1987-88</u>, in thousands of dollars.

Institutions	Sums	appropriated
(1)		(2)
University of Missouri	*	262,509
State Univ & Colleges		
Southwest		41,103
Central		29,796
Southeast		26,978
Northeast		22,641
Northwest		15,653
Western		10,747
Southern		10,742
Lincoln		8,877
Harris-Stowe		4,158
Subtotal, U & C's,		170,695
Aid to public jr colle	ges	56,417
Student aid**	<u> </u>	8,680
Coord Board for Higher	Ed	777
Other		4,111
Total		503,189
*Includes best 1	1 7.	

\*Includes hospital and clinics, Inst of Psychiatry and kidney program.

\*\*Includes the student grant program, prospective teacher loans and adminstration of aid programs.

### STATE POLICY FORMATION IN ILLINOIS HIGHER EDUCATION

A new book by this title has been written by Franklin G. Matsler and Edward R. Hines. It presents a brief history of the politics of higher education in Illinois including the creation of the governing structures (often called a system of systems), the establishment of the senior institutions and new programs, the early development of the community colleges, and the issue of access as it relates to the state scholarship commission. One chapter presents a selected literature and conceptual framework. It may be ordered from the Center for Higher Education, 535 DeGarmo Hall, Illinois State University, Normal, IL 61761. \$7.50, prepaid.

Table 61. REVENUES FROM STATE AND LOCAL APPROPRIATIONS AND TUITION AND FEES AS PERCENTAGES OF EDUCATIONAL AND GENERAL REVENUES IN PUBLIC INSTITUTIONS OF HIGHER EDUCATION, FISCAL YEAR 1985\*

Appropriations	tate a	and Local					Tuition		
Alaska							and Fees		
Alaska	phrobi	riacions					and room	······································	
Alaska	nk S	State	Percent			Rank	State	Percent	
2 District of Columbia 79.5 3 Wyoming 69.8 4 Oklahoma 66.6 5 West Virginia 65.8 5 West Virginia 65.8 7 North Carolina 65.5 8 Montana 65.3 9 Texas 65.2 10 Louislana 64.9 11 Massachusetts 64.9 10 New York 64.9 11 Hode Island 2 14 South Carolina 64.6 15 Caillornia 63.4 16 Kansas 61.7 17 Georgia 61.5 18 New Jersey 81.2 19 Arkansas 60.6 20 Mississippi 60.4 21 Kentucky 60.0 22 Nebraska 59.1 23 Alabama 58.8 24 Connecticut 57.9 25 Illinois 57.8 26 Miscourin 57.4 27 Tennessee 57.2 28 Arizona 56.8 29 Montana 1 30 Alabama 1 31 Alawaii 3 31 Alawaii 3 31 Alawaii 3 32 Alabama 50.6 33 Alabama 1 35 Alabama 1 36 Alabama 1 36 Alabama 1 37 Arizona 1 38 Arizona 1 39 Arkansas 61.7 30 Alabama 1 30 Alabama 1 31 Alawaii 3 31 Alabama 1 32 Alabama 1 33 Alabama 1 34 Alabama 1 35 Alabama 1 36 Alabama 1 37 Arizona 1 38 Arizona 1 39 Arizona 1 30 Alabama 1 30 Alabama 1 30 Alabama 1 31 Alawaii 3 31 Alabama 1 32 Alabama 1 33 Alabama 1 34 Alabama 1 35 Alabama 1 36 Alabama 1 37 Arizona 1 38 Arizona 1 39 Arizona 1 30 Alabama 1 30 Alabama 1 31 Alawaii 3 31 Alabama 1 32 Alabama 1 33 Alabama 1 34 Alabama 1 35 Alabama 1 36 Alabama 1 37 Arizona 1 38 Arizona 1 39 Arizona 1 30 Alabama 1 31 Alawaii 4 30 Alabama 1 31 Alawaii 4 31 Alabama 1 32 Alabama 1 33 Alabama 1 34 Alabama 1 35 Alabama 1 36 Alabama 1 37 Arizona 1 38 Arizona 1 39 Arizona 1 30 Alabama 1 30 Alabama 1 31 Alawaii 4 31 Alabama 1 32 Alabama 1 33 Alabama 1 34 Alabama 1 35 Alabama 1 36 Alabama 1 37 Arizona 1 38 Arizona 1 39 Washington 1 30 Alabama 1 30 Alabama 1 31 Alawaii 4 31 Alabama 1 32 Alabama 1 33 Alabama 1 34 Alabama 1 35 Alabama 1 36 Alabama 1 37 Arizona 1 38 Arizona 1 39 Washington 1 30 Alabama 1 31 Alawaii 4 31 Alabama 1 32 Alabama 1 33 Alabama 1 34 Alabama 1 34 Alabama 1 35 Alabama 1 36 Alabama 1 37 Arizona 1 38 Alabama 1 38 Alabama 1 39 Arizona 1 30 Alabama 1 31 Alabama 1 31 Alabama 1 32 Alabama 1 33 Alabama 1 34 Alabama 1 34 Alabama 1 35 Alabama 1 36 Alabama 1 37 Arizona 1 38 Alabama 1 39 Arizona 1 30 Alabama 1 30 Alabama 1 31 Alabama 1 31 Alabama 1 31 Alabama 1 32 Alabama 1 33 Ala	Alaska		73.6					43.3	
3 Wyoming 69.8 (A) (B) (B) 4 Pennsylvaria 3 Pennsylvaria 3 Pennsylvaria 4 Oklahoma 66.6 (A) (B) 4 Oklahoma 66.5 Florida 65.8 West Virginia 65.8 7 North Carolina 65.5 8 Montana 65.3 9 Texas 65.2 10 Louisiana 64.9 10 Louisiana 64.9 11 Rhode Island 2 12 New Jersey 2 13 Hawaii 64.6 11 Scallfornia 64.1 15 Callfornia 64.1 15								40.2	
4 Oklahoma 66.6   (A) (B) 4 Ornio 2			60.0					33.7	
S   Florida				(	(B)			29.4	
5 West Virginia         65.8 / Colorado         7 Colorado         2 Manyland         2 Colorado         <				•				28.7	
7 North Carolina 65.5 8 Maryland 2 8 Maryland 2 9 Texas 65.2 10 Louisiana 65.3 9 Texas 65.2 10 Louisiana 64.9 10 Massachusetts 64.9 11 Rhode Island 2 11 Rhode Island 3 1								26.6	
8 Montana 65.3 9 Texas 65.2 10 Louisiana 64.9 11 Massachusetts 64.9 11 Massachusetts 64.9 11 Massachusetts 64.9 11 New York 64.9 11 New York 64.9 11 New Jersey 2 11 New Jers								25.5	
South Dakota   South Dakota   South Dakota   South Dakota   South Dakota   South Dakota   South Carolina					,			25.2	
10		· · · ·			/			25.0	
10   New York   64.9   12   New Jersey   2   13   Hawaii   64.6   14   Maine   2   13   Missouri   15   California   63.4   15   California   63.4   15   California   63.4   16   California   63.4   17   Ceorgia   61.7   17   Georgia   61.5   18   New Jersey   61.2   19   Minnesota   19   Minnesota   19   Minnesota   19   Minnesota   19   Minnesota   10   Mississippi   60.4   21   Arizona   11   Arizona   12   Kentucky   60.0   21   Arizona   12   Arizona   13   Alabama   58.6   22   Oregan   14   Arizona   15   Illinois   57.8   25   Tennessee   15   Illinois   57.8   26   Mississippi   10   Arizona   12   Arizona   12   Arizona   12   Arizona   13   Alabama   13   Alab		ana						23.9	
10 New York	Massa	chusetts	64.9					23.6	
13   Hawaii	New Y	/ork	64.9		/			22.4 22.2	
14 South Carolina   64.1   15 Connecticut   2   16 Kansas   61.7   17 Georgia   61.5   18 New Jersey   61.2   18 New Jersey   61.2   19 Minnesota   18 New York   19 Minnesota   19 Minn	Hawaii	i	64.6	/	/			22.1	
15 California   63.4	South	Carolina	64.1					22.0	
16 Kansas 61.7 7 Georgia 61.5 18 New Jersey 61.2 19 Arkansas 60.6 20 Mississippi 60.4 21 Kentucky 60.0 21 Kentucky 60.0 22 Nebraska 59.1 23 Alabama 58.6 24 Connecticut 57.9 25 Wisconsin 57.8 26 Wisconsin 57.8 27 Tennessee 126 Mississippi 10.1 28 Arizona 56.8 29 Misconsin 57.4 20 Mississippi 60.4 21 North Dakota 10.2 22 Ovegan 10.2 23 North Dakota 55.6 24 Mississippi 10.2 25 Misconsin 57.4 26 Wisconsin 57.4 27 Montana 10.2 28 Kansas 10.3 29 Nebraska 10.3 20 Nebraska 10.3 21 North Dakota 55.6 22 Misconsin 55.1 23 North Dakota 54.9 24 North Dakota 54.9 25 Morth Dakota 54.9 26 North Dakota 54.9 27 Montana 10.3 28 Kentucky 10.3 29 North Dakota 54.9 30 Nevada 10.3 30 Nevada 10.3 31 Missouri 55.1 32 Lowa 10.3 33 Nevada 10.3 34 Maryland 54.6 35 Virginia 50.5 36 Nevada 50.2 37 Mashington 51.6 38 Oregon 51.3 39 Indiana 50.4 40 New Mexico 50.2 41 Maine 49.0 42 Utah 48.9 43 Michigan 48.2 44 Minnesota 47.7 45 South Dakota 45.7 46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5	Califor	nia		·/				21.9	
17   Georgia   61.5   18   New York   19   New York   19   New Jersey   61.2   19   Minnesota   12   Illinois   11   Minnesota   12   Illinois   11   Minnesota   12   Illinois   11   Morth Dakota   12   Illinois   17   Morthana   18   Missouri   18   Minnesota	Kansas	S	61.7					19.8	
18 New Jersey       61.2         19 Arkansas       60.6         20 Mississippi       60.4         21 Kentucky       60.0         22 Nebraska       59.1         23 Alabama       58.6         24 Connecticut       57.9         25 Illinois       57.8         26 Wisconsin       57.4         27 Tennessee       17         28 Arizona       56.8         29 Idaho       55.6         30 Rhode Island       55.2         31 Missouri       55.1         32 Iowa       13         34 Maryland       54.6         35 Virginia       53.5         36 Nevada       53.2         37 Washington       51.6         38 Oregon       51.3         39 Indiana       50.4         40 New Mexico       50.2         41 Maine       49.0         42 Utah       48.9         43 Michigan       48.2         44 Minnesota       47.7         45 Ohio       47.7         46 South Dakota       45.7         47 Pennsylvania       43.1         48 Colorado       41.5         49 Delaware       40.2	Georgi	ia						19.7	
19 Arkansas	New J	lersey						19.4	
20 Mississippi	Arkans	sas						19.2	
21   Kentucky   60.0   22   lowa   1   22   Nebraska   59.1   24   North Dakota   1   North Dakota   1   New Mexico   57.8   25   Tennessee   1   New Mexico   1   New Mexico   57.2   28   Kansas   1   New Mexico   New Mexico   1   New Mexic	Missis	sippi						18.5	
Nebraska   59.1   22   Oregan   1   23   Alabama   58.6   24   Connecticut   57.9   25   Tennessee   1   1   1   1   1   1   1   1   1	Kentuc	cky		\ /				18.1	
23 Alabama       58.6         24 Connecticut       57.9         25 Illinois       57.8         26 Wisconsin       57.4         27 Tennessee       57.2         28 Arizona       56.8         29 Idaho       55.6         30 Rhode Island       55.2         31 Missouri       55.1         32 Iowa       54.9         32 North Dakota       54.9         33 Nevada       33 Nevada         34 Maryland       54.6         35 Virginia       53.5         36 Nevada       53.2         37 Washington       51.6         38 Oregon       51.3         39 Indiana       50.4         40 New Mexico       50.2         41 Maine       49.0         42 Utah       48.9         43 Michigan       48.2         44 Minnesota       47.9         45 Ohio       47.7         46 South Dakota       45.7         47 Pennsylvania       43.1         48 Colorado       41.5         49 Delaware       40.2         50 New Hampshire       30.5	Nebras	ska						18.1	
24 Connecticut     57.9       26 Illinois     57.8       26 Wisconsin     57.4       27 Tennessee     57.2       28 Arizona     56.8       29 Idaho     55.6       30 Rhode Island     55.2       31 Missouri     55.1       32 Iowa     54.9       32 North Dakota     54.9       33 Maryland     54.6       35 Virginia     53.5       36 Nevada     53.5       37 Washington     51.6       38 Oregon     51.3       39 Indiana     50.4       40 Nèw Mexico     50.2       41 Maine     49.0       42 Utah     48.9       43 Michigan     48.2       44 Minnesota     47.9       45 Ohio     47.7       46 South Dakota     45.7       47 Pennsylvania     43.1       48 Colorado     41.5       49 Delaware     40.2       50 New Hampshire     30.5				\ /				17.9	
15   Illinois   57.8   26   Mississippi   1   27   Montana   1   27   Montana   1   28   Arizona   56.8   28   Arizona   56.8   28   Nebraska   1   28   Arizona   56.8   28   Nebraska   1   28   Arizona   56.8   28   Nebraska   1   28   Nebrask				\ /				17.8	
26 Wisconsin       57.4       27 Montana       1         27 Tennessee       57.2       28 Kansas       1         28 Arizona       56.8       28 Kansas       1         29 Idaho       55.6       30 Alabama       1         30 Rhode Island       55.2       31 South Carolina       1         31 Missouri       55.1       32 Kentucky       1         32 Iowa       54.9       33 Georgia       1         34 Maryland       54.6       33 Nevada       3         35 Virginia       53.5       36 Idaho       36 Idaho         36 Nevada       53.2       36 Idaho       37 Arkansas       3         37 Washington       51.6       39 Wast Virginia       30 Washington       30 Washington       30 Wast Virginia       30 Wast Virginia       40 West Virginia       40 West Virginia       40 Washington       40 West Virginia       41 Massachusetts       41 Massachusetts       42 Utah       42 Utah       43 Oklahoma       44 California       45 Hawaii       46 New Mexico       47 North Carolina       48 Texas       49 Wyoming       49 Wyoming       50 Delaware       40.2       50								17.5	
27 Tennessee       57.2         28 Arizona       56.8         29 Idaho       55.6         30 Rhode Island       55.2         31 Missouri       55.1         32 Iowa       54.9         32 North Dakota       54.9         33 Nevada       33 Nevada         34 Maryland       54.6         35 Virginia       53.5         36 Nevada       53.2         37 Washington       51.6         38 Oregon       51.3         39 Indiana       50.4         40 New Mexico       50.2         41 Maine       49.0         42 Utah       48.9         43 Michigan       48.2         44 Minnesota       47.9         45 Ohio       47.7         46 South Dakota       45.7         47 Pennsylvania       43.1         48 Colorado       41.5         49 Delaware       40.2         50 New Hampshire       30.5				X				17.4	
28 Arizona 56.8				_ / \				17.2	12 2 34
South Carolina   Sout								17.2	
31 Missouri   55.1   32 Kentucky   32 Kentucky   32 Kentucky   32 Kentucky   32 Kentucky   33 Georgia   33 Nevada   34 Maryland   54.6   35 Louisiana   35 Louisiana   36 Idaho   37 Arkansas   38 Florida   39 Washington   39 Indiana   50.4						30	Alabama	16.5	
Missouri						31		16.4	
32 North Dakota 54.9 34 Maryland 54.6 35 Virginia 53.5 36 Nevada 53.2 37 Washington 51.6 38 Oregon 51.3 39 Indiana 50.4 40 New Mexico 50.2 41 Maine 49.0 42 Utah 48.9 43 Michigan 48.2 44 Minnesota 47.7 46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5		un		/		32	Kentucky	15.8	
32 North Dakota						33		15.5	
35 Virginia 53.5 36 Nevada 53.2 37 Washington 51.6 38 Oregon 51.3 39 Indiana 50.4 40 New Mexico 50.2 41 Maine 49.0 42 Utah 48.9 43 Michigan 48.2 44 Minnesota 47.9 45 Ohio 47.7 46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5				\		33		15.5	
36 Nevada       53.2         37 Washington       51.6         38 Oregon       51.3         39 Indiana       50.4         40 New Mexico       50.2         41 Maine       49.0         42 Utah       48.9         43 Michigan       48.2         44 Minnesota       47.9         45 Ohio       47.7         46 South Dakota       45.7         47 Pennsylvania       43.1         48 Colorado       41.5         49 Delaware       40.2         50 New Hampshire       30.5						35	Louisiana	15.3	
37 Washington 51.6 38 Oregon 51.3 39 Indiana 50.4 40 New Mexico 50.2 41 Maine 49.0 42 Utah 48.9 43 Michigan 48.2 44 Minnesota 47.9 45 Ohio 47.7 46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5				\				15.3	
38				\ \				14.9	
39 Indiana 50.4 40 New Mexico 50.2 41 Maine 49.0 42 Utah 48.9 43 Michigan 48.2 44 Minnesota 47.9 45 Ohio 47.7 46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5								14.8	
40 New Mexico 50.2 41 Maine 49.0 42 Utah 48.9 43 Michigan 48.2 44 Minnesota 47.9 45 Ohio 47.7 46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5  West Vriginia 44 Massachusetts 42 Utah 43 Oklahoma 44 California 45 Hawaii 46 New Mexico 47 North Carolina 48 Texas 49 Wyoming 59 District of Columbia 51 Alaska				\	.			14.7	
41 Maine 49.0 42 Utah 48.9 43 Michigan 48.2 44 Minnesota 47.9 45 Ohio 47.7 46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5				`				14.7	
42 Utah 48.9 43 Michigan 48.2 44 Minnesota 47.9 45 Ohio 47.7 46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5  (B)  (CA)  42 Utah 43 Oklahoma 44 California 45 Hawaii 46 New Mexico 47 North Carolina 48 Texas 49 Wyoming 50 District of Columbia 51 Alaska								13.8	
43 Michigan 48.2 44 Minnesota 47.9 45 Ohio 47.7 46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5  (B)  (A)  44 California 44 California 45 Hawaii 46 New Mexico 47 North Carolina 48 Texas 49 Wyoming 59 District of Columbia 51 Alaska		<del>J</del>			\			12.9	
44 Minnesota 47.9 45 Ohio 47.7 46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5  (B)  (A)  44 Calliothia 45 Hawaii 46 New Mexico 47 North Carolina 48 Texas 49 Wyoming 50 District of Columbia 51 Alaska		gan.						12.6	
45 Ohio 47.7 46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5  (B)  (A)  46 New Mexico 47 North Carolina 48 Texas 49 Wyoming 50 District of Columbia 51 Alaska					•			11.6	
46 South Dakota 45.7 47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5  (B)  (A) 46 New Mexico 47 North Carolina 48 Texas 49 Wyoming 50 District of Columbia 51 Alaska		σουια	177 <b>X</b>					10.3	
47 Pennsylvania 43.1 48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5 43.1 44 Texas 49 Wyoming 50 District of Columbia 51 Alaska		n Dakota		(	(A)			10.0	
48 Colorado 41.5 49 Delaware 40.2 50 New Hampshire 30.5 41.5 42 Hexas 49 Wyoming 50 District of Columbia 51 Alaska				`	·/			9.6	
49 Delaware 40.2 50 New Hampshire 30.5								8.6	
50 New Hampshire 30.5								8.3	
O Aldska									
OI VEHICIL						51	Alaska	6.5	
	A GIIII					_	110	470	
U.S. average U.S. average	118	average	58.0				U.S. average	17.9	

Source for the charts above is the latest edition of State Higher Education Profiles: 1985, published by the Office of Educational Research and Improvement, U.S. Department of Education. Drawn from the HEGIS survey, the data is for 1985, the most recent summary available. The 518 page book is a compendium of higher education statistics covering each of the 50 states and the District of Columbia. It presents data on fall enrollments, full-time faculty, revenues, expenditures, financial indicators, and degrees and other formal awards conferred. As evidenced above, the statistics are indexed to national averages and the states are ranked on selected statistics. Copies of the book are available for \$22.00 (prepaid) from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. (Request stock number 065-000-00313-9.)