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ABSTRACT

This preliminary report ascertains trends in state funding in higher education based on questionnaire responses of 42 of the 50 states. A more complete analysis is expected to be available at a later date. Initial results indicate (1) total state revenue increased for a 5-year period, 1967-68 through 1971-73, by approximately 67%; (2) appropriation for education at all levels by these states did not rise as rapidly during that same period of time, increasing 59%; (3) education's share of total state revenue dropped from 53 to 51% despite an enrollment increase at the elementary-secondary level of 5%, and approximately a 1/3 increase in institutions of higher education; (4) public institutions increased these appropriations by 83% with an enrollment increase of 40% while the share of total state revenue rose slightly from 14 to 15%; and (5) the private institutions share increased better than 3 times which, when combined with an enrollment increase of less than 10%, resulted in an increase to .63% from .32% their share of total state revenue. (MJM)

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TRENDS IN STATE FUNDING IN HIGHER EDUCATION:  
A Preliminary Report

LYMAN A. GLENNY  
JAMES R. KIDDER

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In 1972 a study to ascertain trends in state funding in higher education was commenced by the staff of the Center for Research and Development in Higher Education (University of California, Berkeley), in cooperation with the Education Commission of the States (ECS) and the State Higher Education Executive Officers Association (SHEEO). Questionnaires were mailed to each state and by the end of November 1972 replies had been received from 42 of the 50 states. Although the data and analyses are initial and incomplete, ECS and the Center have had much interest expressed by state and national policymakers in receiving this preliminary material. Therefore Dr. Lyman A. Glenny, Director of the Center, and James R. Kidder, Associate Specialist, prepared this short article at the request of ECS and SHEEO. During the first 4-5 months of 1973, the data will be returned to the states for rechecking and addition of 1972-1973 fiscal data, and more complete analyses, together with tables, will be made available.

The report contained herein was tentatively scheduled to be published in the November 1972 issue of the *ECS Higher Education in the States*. However, the delay in obtaining the data from several states did not permit the Center to complete the report by the deadline and it was necessary to cancel that issue. The report is being published as a separate document to expedite distribution to interested persons.

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## TRENDS IN STATE FUNDING OF HIGHER EDUCATION

As institutions of higher education find their enrollments rising and their costs skyrocketing, they have turned ever-increasingly to the public sector for funding. State financing of higher education, long a source of funds for public institutions, has become a source for the private sector as well, and the federal government is being encouraged to pump greater sums into all facets of higher education, both public and private. The increase in state financial assistance to higher education has seen a commensurate growth in state participation in the budgetary processes of institutions in the form of controls over the content of funded programs and conditions for their expenditure of funds. These controls have manifested themselves in program budget requirements, unit cost projections, cost benefit analyses, and in various forms of program-planning-budgeting systems. As legislatures are asked to allocate larger and larger amounts of public funds to higher education, they increase demands to know how these funds are being used.

Public commitment to financially support elementary and secondary education has been generally accepted in the 20th century, but as late as 1939-1940, close to half of the one and a half million students enrolled in American colleges were in private institutions. This distribution between the public and private colleges and universities has substantially shifted towards the public sector during the past 30 years as private institutions have found it difficult, if not impossible, to keep pace with the accelerating increase in the number of applicants seeking admission to some form of higher education. By the end of the last decade less than 30 per cent of the approximately seven million students were enrolled in private institutions. Moreover, private institutions accounted for only 19 per cent in the 15 leading industrial states and 13 per cent in the 13 Western states. Various projections indicate a continuing downward trend in the proportion of the total student population enrolled in private institutions.

These enrollment changes between the public and private sectors, as well as by type of institution, have also created shifts in funding patterns. An investigation into these changes at the state level is currently being conducted by the authors. Statewide higher education coordinating or governing boards (through the auspices of the national State Higher Education Executive Officers Association—SHEEO), were provided with a questionnaire covering the fiscal years 1962-1963 and 1967-1968 through 1971-1972 and state general revenue and appropriation data as well as enrollment data were obtained on a

sector basis by institutional type, i.e., advanced graduate and research universities, other universities and colleges, and two-year colleges, within each sector.

Data have been collected from 42 of the 50 states, edited, keypunched, and placed on tape for computer use. A program has been developed and a machine analysis completed of state funding patterns over various time frames: ten years (1962-1963 through 1971-1972); five years (1962-1963 through 1967-1968 and 1967-1968 through 1971-1972); and three years (1969-1970 through 1971-1972). The data are arrayed within these periods of time, as well as by each fiscal year, by the basic category in which it was collected, e.g., *Total State General Revenue*, *Total State Appropriations for all Education*, and *Total State Appropriations for Institutions of Higher Education*. The array emphasizes differentiation by sector and by type of institution and is stratified nationally by state, by region (East, South, Central, and West), by subregion, and by type of statewide board. Tables compare, within the specified time frames, gross figures, percentage changes, and various ratios not only within the area of appropriations and the area of enrollments, but between them as well. Data which were either omitted or incomplete are carried as empty cells and are excluded from calculations, while data which had a true value of zero are shown as "0" and included in all calculations.

The authors are revealing in this short article only a few findings based upon initial and incomplete analyses. Nevertheless, the interest expressed by state and national policymakers in this study induced them to provide early results as quickly as possible. More intensive and critical analyses will follow as 1972 data are added and all data validated. The text furnishes only a few of the comparisons which may be drawn from the tables.

During the five-year period 1967-1968 through 1971-1972, total state revenue\* increased, for the 42 reporting states, by approximately 67 per cent (Table I), although, of course, much of this increase can be attributed directly to inflation. Appropriations for education at all levels by these states did not, however, rise as rapidly during that same period of time, increasing 59 per cent (Table II). Education's share of total state revenue dropped from 53 per cent to 51 per cent (Table III) despite an enrollment increase at the elementary-secondary level of 5 per cent, and approximately a one-third increase in institutions of higher education.

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\*Defined as that portion of total state revenue whose disposition and use is not restricted by statute, except that state-restricted funds for education were included and funds for capital projects excluded. Funds generated by institutions of higher education, including tuition, fees, royalties, patents, auxiliary enterprises, etc., were omitted in order to reflect only state-generated funds and restricted funds for education.

Table I

**TOTAL STATE GENERAL REVENUE**  
(percentage change from one year to the next)

|               | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1962-71</u> | <u>1962-67</u> | <u>1967-71</u> |
|---------------|-------------|-------------|-------------|-------------|----------------|----------------|----------------|
| Regions: East | 20%         | 15%         | 14%         | 7%          | 188%           | 73%            | 67%            |
| South         | 15          | 17          | 9           | 13          | 183            | 70             | 66             |
| Central       | 26          | 10          | 24          | 10          | 205            | 53             | 92             |
| West          | 11          | 8           | 8           | 14          | 166            | 80             | 48             |
| United States | 18          | 13          | 14          | 10          | 184            | 70             | 67             |

Table II

**TOTAL STATE APPROPRIATIONS FOR ALL EDUCATION**  
(percentage change from one year to the next)

|               | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1962-71</u> | <u>1962-67</u> | <u>1967-71</u> |
|---------------|-------------|-------------|-------------|-------------|----------------|----------------|----------------|
| Regions: East | 19%         | 13%         | 10%         | 6%          | 93%            | 87%            | 57%            |
| South         | 20          | 12          | 12          | 7           | 176            | 71             | 62             |
| Central       | 29          | 11          | 17          | 10          | 194            | 57             | 86             |
| West          | 9           | 14          | 7           | 4           | 135            | 71             | 38             |
| United States | 19          | 12          | 11          | 7           | 176            | 72             | 59             |

Institutions of higher education, however, do not seem to have fared badly as their appropriations increased by 87 per cent (Table IV).

Table IV

**TOTAL STATE APPROPRIATIONS FOR INSTITUTIONS OF HIGHER EDUCATION**  
(percentage change from one year to the next)

|               | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1962-71</u> | <u>1962-67</u> | <u>1967-71</u> |
|---------------|-------------|-------------|-------------|-------------|----------------|----------------|----------------|
| Regions: East | 23%         | 23%         | 15%         | 8%          | 384%           | 163%           | 84%            |
| South         | 26          | 16          | 17          | 11          | 314            | 117            | 90             |
| Central       | 42          | 12          | 17          | 11          | 284            | 86             | 106            |
| West          | 17          | 19          | 11          | 8           | 243            | 102            | 67             |
| United States | 27          | 17          | 15          | 10          | 300            | 113            | 87             |

This represented an increase in their share of total state appropriations from 14 per cent to 16 per cent (Table V), and an increase from 27 per cent to 31 per cent of their share of the total state appropriations to all education (Table VI).

Table III

*TOTAL STATE APPROPRIATIONS FOR ALL EDUCATION AS A PERCENTAGE  
OF TOTAL STATE GENERAL REVENUE*

|                | <u>1962</u> | <u>1967</u> | <u>1968</u> | <u>1969</u> | <u>1970</u>       | <u>1971</u> |
|----------------|-------------|-------------|-------------|-------------|-------------------|-------------|
| ALABAMA        | 73%         | 83%         | 83%         | 81%         | 80%               | 79%         |
| ARIZONA        | 55          | 66          | 66          | 74          | 69                | 72          |
| ARKANSAS       | 57          | 67          | 66          | 65          | 64                | 60          |
| CALIFORNIA     | 62          | 53          | 52          | 55          | 55                | 46          |
| COLORADO       | 54          | 55          | 53          | 51          | 57                | 64          |
| CONNECTICUT    | 30          | 42          | 38          | 37          | 34                | 32          |
| FLORIDA        | 66          | 69          | 80          | 75          | 76                | 68          |
| GEORGIA        |             | 61          | 64          | 66          | 64                | 64          |
| HAWAII         | 41          | 48          | 46          | 46          | 44                | 49          |
| ILLINOIS       | 44          | 53          | 53          | 50          | 45                | 48          |
| INDIANA        | 73          | 68          | 76          | 72          | 62                | 68          |
| IOWA           | 41          | 45          | 51          | 51          | 52                | 52          |
| KANSAS         | 52          | 64          | 64          | 63          | 63                | 61          |
| KENTUCKY       | 61          | 65          | 66          | 64          | 67                | 69          |
| LOUISIANA      | 93          | 90          | 84          | 84          | 100 <sup>15</sup> | 85          |
| MAINE          | 36          | 40          | 47          | 43          | 46                | 43          |
| MARYLAND       | 59          | 54          | 52          | 48          | 52                | 47          |
| MASSACHUSETTS  |             |             |             |             |                   |             |
| MICHIGAN       |             | 34          | 33          | 36          | 36                | 34          |
| MISSISSIPPI    | 70          |             | 64          | 46          | 49                | 63          |
| MISSOURI       |             |             | 58          | 58          | 57                | 57          |
| NEBRASKA       | 22          | 17          | 29          | 35          | 32                | 30          |
| NEVADA         | 71          | 74          | 65          | 69          | 65                | 69          |
| NEW JERSEY     | 22          | 27          | 30          | 29          | 30                | 28          |
| NEW MEXICO     |             |             | 73          | 74          | 73                | 71          |
| NEW YORK       | 48          | 49          | 50          | 47          | 45                | 46          |
| NORTH CAROLINA | 64          | 62          | 61          | 62          | 62                | 64          |
| NORTH DAKOTA   | 70          | 54          | 60          | 60          | 54                | 54          |
| OHIO           | 47          | 51          | 51          | 52          | 50                | 50          |
| OKLAHOMA       | 71          | 67          | 67          | 68          | 68                | 71          |
| OREGON         | 59          | 59          | 59          | 56          | 56                | 58          |

Table III Continued

|                | <u>1962</u> | <u>1967</u> | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| PENNSYLVANIA   | 46 %        | 51 %        | 47 %        | 52 %        | 51%         | 51%         |
| RHODE ISLAND   | 28          | 34          | 32          | 35          | 38          | 48          |
| SOUTH CAROLINA | 59          | 61          | 59          | 60          | 56          | 55          |
| SOUTH DAKOTA   | 38          | 57          | 52          | 54          | 49          | 52          |
| TENNESSEE      | 78          | 79          | 80          | 76          | 79          | 78          |
| TEXAS          |             |             |             |             |             |             |
| UTAH           | 64          | 58          | 61          | 55          | 58          | 60          |
| VERMONT        | 39          | 42          | 52          | 52          | 45          | 46          |
| VIRGINIA       | 63          | 71          | 92          | 73          | 73          | 69          |
| WASHINGTON     |             | 62          | 61          | 68          | 64          | 64          |
| WEST VIRGINIA  | 56          | 48          | 53          | 55          | 59          | 51          |

Table III continued on Page 6.

Table III, continued

|                                  | <u>1962</u>              | <u>1967</u> | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> |
|----------------------------------|--------------------------|-------------|-------------|-------------|-------------|-------------|
| WEST <sup>1</sup>                | 61%<br>(7) <sup>14</sup> | 55%<br>(8)  | 55%<br>(9)  | 58%<br>(9)  | 57%<br>(9)  | 52%<br>(9)  |
| CENTRAL                          | 50<br>(9)                | 48<br>(10)  | 49<br>(11)  | 50<br>(11)  | 47<br>(11)  | 47<br>(11)  |
| SOUTH <sup>2</sup>               | 67<br>(12)               | 67<br>(12)  | 70<br>(13)  | 67<br>(13)  | 68<br>(13)  | 65<br>(13)  |
| EAST <sup>4</sup>                | 42<br>(7)                | 45<br>(7)   | 45<br>(7)   | 44<br>(7)   | 43<br>(7)   | 43<br>(7)   |
| NORTHEAST <sup>5</sup>           | 31<br>(4)                | 40<br>(4)   | 39<br>(4)   | 38<br>(4)   | 37<br>(4)   | 37<br>(4)   |
| MID-ATLANTIC <sup>6</sup>        | 43<br>(3)                | 46<br>(3)   | 46<br>(3)   | 45<br>(3)   | 44<br>(3)   | 43<br>(3)   |
| EAST NORTH CENTRAL               | 50<br>(3)                | 47<br>(4)   | 48<br>(4)   | 48<br>(4)   | 45<br>(4)   | 45<br>(4)   |
| WEST NORTH CENTRAL               | 43<br>(5)                | 48<br>(5)   | 53<br>(6)   | 54<br>(6)   | 53<br>(6)   | 52<br>(6)   |
| SOUTH ATLANTIC <sup>9</sup>      | 62<br>(6)                | 62<br>(7)   | 67<br>(7)   | 64<br>(7)   | 64<br>(7)   | 61<br>(7)   |
| EAST SOUTH CENTRAL <sup>10</sup> | 71<br>(4)                | 75<br>(3)   | 74<br>(4)   | 70<br>(4)   | 72<br>(4)   | 73<br>(4)   |
| WEST SOUTH CENTRAL <sup>11</sup> | 80<br>(3)                | 80<br>(3)   | 76<br>(3)   | 76<br>(3)   | 83<br>(3)   | 76<br>(3)   |
| MOUNTAIN <sup>12</sup>           | 59<br>(4)                | 60<br>(4)   | 62<br>(5)   | 63<br>(5)   | 64<br>(5)   | 67<br>(5)   |
| PACIFIC <sup>13</sup>            | 61<br>(3)                | 55<br>(4)   | 53<br>(4)   | 57<br>(4)   | 56<br>(4)   | 49<br>(4)   |
| UNITED STATES                    | 53<br>(35)               | 53<br>(37)  | 54<br>(40)  | 53<br>(40)  | 52<br>(40)  | 51<br>(40)  |

<sup>1</sup>Alaska,\* Arizona, California, Colorado, Hawaii, Idaho,\* Montana,\* Nevada, New Mexico, Oregon, Utah, Washington, Wyoming\*

<sup>2</sup>Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota,\* Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Wisconsin\*

<sup>3</sup>Alabama, Arkansas, Delaware,\* Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, South Carolina, Tennessee, Texas, Virginia, West Virginia

<sup>4</sup>Connecticut, Maine, Massachusetts, New Hampshire,\* New Jersey, New York, Pennsylvania, Rhode Island, Vermont

<sup>5</sup>Connecticut, Maine, Massachusetts, New Hampshire,\* Rhode Island, Vermont

<sup>6</sup>New Jersey, New York, Pennsylvania

<sup>7</sup>Illinois, Indiana, Michigan, Ohio, Wisconsin\*

<sup>8</sup>Iowa, Kansas, Minnesota,\* Missouri, Nebraska, North Dakota, South Dakota

<sup>9</sup>Delaware,\* Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia

<sup>10</sup>Alabama, Kentucky, Mississippi, Tennessee

<sup>11</sup>Arkansas, Louisiana, Oklahoma, Texas

<sup>12</sup>Arizona, Colorado, Idaho,\* Montana,\* Nevada, New Mexico, Utah, Wyoming\*

<sup>13</sup>Alaska,\* California, Hawaii, Oregon, Washington

<sup>14</sup>Number of states that responded for that particular year

<sup>15</sup>Computations checked and correct: original data checked and suspect.

\* Nonrespondent

Table V

*TOTAL STATE APPROPRIATIONS FOR ALL INSTITUTIONS OF HIGHER EDUCATION  
AS A PERCENTAGE OF TOTAL STATE GENERAL REVENUE*

|                | <u>1962</u> | <u>1967</u> | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ALABAMA        | 12%         | 19%         | 19%         | 18%         | 18%         | 21%         |
| ARIZONA        | 16          | 25          | 27          | 23          | 25          | 27          |
| ARKANSAS       | 14          | 17          | 17          | 17          | 18          | 17          |
| CALIFORNIA     | 16          | 15          | 16          | 19          | 20          | 17          |
| COLORADO       | 21          | 23          | 25          | 25          | 26          | 30          |
| CONNECTICUT    | 6           | 12          | 11          | 12          | 11          | 10          |
| FLORIDA        | 14          | 20          | 18          | 19          | 21          | 19          |
| GEORGIA        | 9           | 8           | 12          | 12          | 13          | 14          |
| HAWAII         | 8           | 11          | 10          | 12          | 12          | 14          |
| ILLINOIS       | 16          | 21          | 23          | 21          | 17          | 18          |
| INDIANA        | 20          | 19          | 22          | 21          | 20          | 21          |
| IOWA           | 21          | 24          | 21          | 21          | 22          | 22          |
| KANSAS         | 21          | 23          | 23          | 25          | 23          | 23          |
| KENTUCKY       | 10          | 17          | 18          | 17          | 18          | 19          |
| LOUISIANA      | 15          | 19          | 18          | 18          | 23          | 19          |
| MAINE          |             |             |             |             |             |             |
| MARYLAND       | 18          | 16          | 17          | 17          | 16          | 18          |
| MASSACHUSETTS  |             |             |             |             |             |             |
| MICHIGAN       |             | 14          | 13          | 14          | 14          | 13          |
| MISSISSIPPI    |             |             |             |             |             |             |
| MISSOURI       |             |             | 18          | 19          | 20          | 20          |
| NEBRASKA       | 22          | 17          | 16          | 19          | 19          | 18          |
| NEVADA         | 41          | 41          | 41          | 41          | 41          | 41          |
| NEW JERSEY     | 4           | 6           | 5           | 6           | 6           | 6           |
| NEW MEXICO     |             |             | 15          | 16          | 16          | 17          |
| NEW YORK       | 8           | 12          | 11          | 12          | 13          | 13          |
| NORTH CAROLINA | 7           | 12          | 13          | 15          | 15          | 17          |
| NORTH DAKOTA   | 25          | 24          | 28          | 28          | 25          | 25          |
| OHIO           | 9           | 11          | 14          | 15          | 16          | 16          |
| OKLAHOMA       | 29          | 28          | 30          | 25          | 26          | 29          |
| OREGON         | 20          | 29          | 29          | 28          | 28          | 29          |

Table V, continued

|                | <u>1962</u> | <u>1967</u> | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| PENNSYLVANIA   | 5%          | 9%          | 12%         | 13%         | 13%         | 12%         |
| RHODE ISLAND   | 1           | 1           | 1           | 1           | 1           | 1           |
| SOUTH CAROLINA | 7           | 10          | 10          | 10          | 11          | 12          |
| SOUTH DAKOTA   | 26          | 35          | 32          | 34          | 29          | 29          |
| TENNESSEE      | 12          | 17          | 19          | 19          | 19          | 19          |
| TEXAS          |             |             |             |             |             |             |
| UTAH           | 11          | 16          | 17          | 15          | 16          | 17          |
| VERMONT        | 13          | 13          | 15          | 16          | 12          | 13          |
| VIRGINIA       | 11          | 19          | 24          | 19          | 20          | 19          |
| WASHINGTON     |             | 19          | 19          | 23          | 21          | 21          |
| WEST VIRGINIA  | 11          | 13          | 16          | 17          | 16          | 15          |

Table V continued on Page 10

Table V continued

|                                 | <u>1962</u>               | <u>1967</u> | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> |
|---------------------------------|---------------------------|-------------|-------------|-------------|-------------|-------------|
| WEST <sup>a</sup>               | 16 %<br>(7) <sup>14</sup> | 17 %<br>(8) | 18 %<br>(9) | 19 %<br>(9) | 20 %<br>(2) | 19 %<br>(9) |
| CENTRAL <sup>b</sup>            | 16<br>(9)                 | 17<br>(10)  | 18<br>(11)  | 18<br>(11)  | 17<br>(11)  | 17<br>(11)  |
| SOUTH <sup>c</sup>              | 12<br>(12)                | 16<br>(11)  | 16<br>(12)  | 17<br>(12)  | 17<br>(12)  | 17<br>(12)  |
| EAST <sup>d</sup>               | 7<br>(6)                  | 10<br>(6)   | 10          | 11<br>(6)   | 11<br>(6)   | 11<br>(6)   |
| NORTHEAST <sup>e</sup>          | 5<br>(3)                  | 9<br>(3)    | 9<br>(3)    | 10<br>(3)   | 9<br>(3)    | 9<br>(3)    |
| MID-ATLANTIC <sup>f</sup>       | 7<br>(3)                  | 10<br>(3)   | 10<br>(3)   | 11<br>(3)   | 11<br>(3)   | 11<br>(3)   |
| EAST NORTH CENTRAL <sup>g</sup> | 14<br>(3)                 | 16<br>(4)   | 17<br>(4)   | 17<br>(4)   | 16<br>(4)   | 16<br>(4)   |
| WEST NORTH CENTRAL <sup>h</sup> | 22<br>(5)                 | 23<br>(5)   | 20<br>(6)   | 21<br>(6)   | 21<br>(6)   | 21<br>(6)   |
| SOUTH ATLANTIC <sup>i</sup>     | 11<br>(7)                 | 11<br>(7)   | 16<br>(7)   | 16<br>(7)   | 16<br>(7)   | 17<br>(7)   |
| EAST SOUTH CENTRAL <sup>j</sup> | 11<br>(3)                 | 18<br>(3)   | 18<br>(3)   | 18<br>(3)   | 18<br>(3)   | 20<br>(3)   |
| WEST SOUTH CENTRAL <sup>k</sup> | 18<br>(3)                 | 20<br>(3)   | 20<br>(3)   | 19<br>(3)   | 22<br>(3)   | 20<br>(3)   |
| MOUNTAIN <sup>l</sup>           | 15<br>(4)                 | 20<br>(4)   | 20<br>(4)   | 19<br>(5)   | 20<br>(5)   | 22<br>(5)   |
| PACIFIC <sup>m</sup>            | 16<br>(3)                 | 16<br>(4)   | 17<br>(4)   | 20<br>(4)   | 20<br>(4)   | 18<br>(4)   |
| UNITED STATES                   | 12<br>(31)                | 14<br>(36)  | 15<br>(35)  | 16<br>(38)  | 16<br>(35)  | 16<br>(38)  |

\*See numbers 1-14 on page 7

Table VI

TOTAL STATE APPROPRIATIONS FOR ALL INSTITUTIONS OF HIGHER EDUCATION  
AS A PERCENTAGE OF TOTAL STATE APPROPRIATIONS FOR ALL EDUCATION

|                | <u>1962</u>       | <u>1967</u>       | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> |
|----------------|-------------------|-------------------|-------------|-------------|-------------|-------------|
| ALABAMA        | 16 %              | 23%               | 22%         | 22%         | 22%         | 26%         |
| ARIZONA        | 29                | 38                | 41          | 31          | 36          | 37          |
| ARKANSAS       | 25                | 25                | 26          | 26          | 27          | 28          |
| CALIFORNIA     | 25                | 28                | 32          | 34          | 36          | 38          |
| COLORADO       | 39                | 43                | 46          | 48          | 46          | 47          |
| CONNECTICUT    | 19                | 29                | 30          | 32          | 33          | 33          |
| FLORIDA        | 21                | 29                | 23          | 26          | 27          | 28          |
| GEORGIA        |                   | 13                | 18          | 18          | 20          | 21          |
| HAWAII         | 19                | 23                | 22          | 26          | 27          | 29          |
| ILLINOIS       | 36                | 41                | 43          | 43          | 39          | 38          |
| INDIANA        | 27                | 28                | 28          | 29          | 32          | 32          |
| IOWA           | 51                | 54                | 41          | 41          | 42          | 42          |
| KANSAS         | 41                | 35                | 36          | 39          | 36          | 38          |
| KENTUCKY       | 16                | 27                | 27          | 27          | 26          | 28          |
| LOUISIANA      | 16                | 21                | 22          | 21          | 23          | 22          |
| MAINE          |                   |                   |             |             |             |             |
| MARYLAND       | 30                | 30                | 32          | 35          | 32          | 38          |
| MASSACHUSETTS  |                   |                   |             |             |             |             |
| MICHIGAN       | 26                | 41                | 40          | 40          | 38          | 39          |
| MISSISSIPPI    |                   |                   |             |             |             |             |
| MISSOURI       |                   |                   | 31          | 33          | 35          | 34          |
| NEBRASKA       | 100 <sup>15</sup> | 100 <sup>15</sup> | 56          | 54          | 58          | 61          |
| NEVADA         | 41                | 41                | 41          | 41          | 41          | 41          |
| NEW JERSEY     | 20                | 22                | 18          | 20          | 21          | 23          |
| NEW MEXICO     |                   |                   | 21          | 21          | 22          | 23          |
| NEW YORK       | 17                | 24                | 23          | 26          | 28          | 29          |
| NORTH CAROLINA | 11                | 20                | 22          | 24          | 24          | 27          |
| NORTH DAKOTA   | 36                | 45                | 47          | 46          | 47          | 47          |
| OHIO           | 18                | 21                | 27          | 29          | 31          | 31          |
| OKLAHOMA       | 40                | 42                | 44          | 37          | 39          | 40          |
| OREGON         | 34                | 49                | 49          | 50          | 50          | 49          |

Table VI, continued

|                | <u>1962</u> | <u>1967</u> | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| PENNSYLVANIA   | 11%         | 18%         | 25%         | 25%         | 24%         | 22%         |
| RHODE ISLAND   | 3           | 3           | 2           | 2           | 2           | 1           |
| SOUTH CAROLINA | 12          | 16          | 16          | 18          | 19          | 21          |
| SOUTH DAKOTA   | 68          | 61          | 62          | 62          | 58          | 56          |
| TENNESSEE      | 16          | 21          | 23          | 25          | 24          | 25          |
| TEXAS          |             |             |             |             |             |             |
| UTAH           | 17          | 29          | 28          | 27          | 28          | 28          |
| VERMONT        | 32          | 30          | 29          | 31          | 27          | 28          |
| VIRGINIA       | 22          | 27          | 26          | 26          | 27          | 28          |
| WASHINGTON     |             | 31          | 31          | 33          | 33          | 33          |
| WEST VIRGINIA  | 25          | 27          | 29          | 30          | 27          | 28          |

Table VI continued on Page 13.

See footnote 15, page 7.

Table VI continued

|                        | <u>1962</u>              | <u>1967</u> | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> |
|------------------------|--------------------------|-------------|-------------|-------------|-------------|-------------|
| WEST*                  | 26%<br>(7) <sup>14</sup> | 30%<br>(8)  | 32%<br>(9)  | 34%<br>(9)  | 35%<br>(9)  | 36%<br>(9)  |
| CENTRAL*               | 31<br>(10)               | 36<br>(10)  | 36<br>(11)  | 37<br>(11)  | 37<br>(11)  | 37<br>(11)  |
| SOUTH*                 | 18<br>(11)               | 23<br>(12)  | 23<br>(12)  | 25<br>(12)  | 25<br>(12)  | 27<br>(12)  |
| EAST*                  | 16<br>(6)                | 22<br>(6)   | 23<br>(6)   | 25<br>(6)   | 26<br>(6)   | 26<br>(6)   |
| NORTHEAST*             | 17<br>(3)                | 24<br>(3)   | 25<br>(3)   | 26<br>(3)   | 26<br>(3)   | 25<br>(3)   |
| MID-ATLANTIC*          | 16<br>(3)                | 22<br>(3)   | 23<br>(3)   | 25<br>(3)   | 26<br>(3)   | 26<br>(3)   |
| EAST NORTH CENTRAL* 27 | (4)                      | 34<br>(4)   | 35<br>(4)   | 36<br>(4)   | 36<br>(4)   | 36<br>(4)   |
| WEST NORTH CENTRAL* 51 | (5)                      | 48<br>(5)   | 38<br>(6)   | 39<br>(6)   | 40<br>(6)   | 41<br>(6)   |
| SOUTH ATLANTIC*        | 19<br>(6)                | 23<br>(7)   | 23<br>(7)   | 25<br>(7)   | 26<br>(7)   | 27<br>(7)   |
| EAST SOUTH CENTRAL* 16 | (3)                      | 24<br>(3)   | 24<br>(3)   | 24<br>(3)   | 24<br>(3)   | 26<br>(3)   |
| WEST SOUTH CENTRAL* 22 | (3)                      | 26<br>(3)   | 26<br>(3)   | 26<br>(3)   | 27<br>(3)   | 27<br>(3)   |
| MOUNTAIN*              | 25<br>(4)                | 33<br>(1)   | 32<br>(5)   | 30<br>(5)   | 32<br>(5)   | 33<br>(5)   |
| PACIFIC*               | 26<br>(3)                | 30<br>(1)   | 32<br>(4)   | 34<br>(4)   | 36<br>(4)   | 37<br>(4)   |
| UNITED STATES          | 22<br>(34)               | 27<br>(36)  | 28<br>(38)  | 29<br>(38)  | 30<br>(38)  | 31<br>(38)  |

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\*See numbers 1-14 on page 7.

The sector breakdowns show that public institutions increased their appropriations by 83 per cent (Table VII), with an enrollment increase of 40 per cent (Table VIII), while their share of total state revenue rose slightly from 14 per cent to 15 per cent (Table IX).

Table VII

*TOTAL STATE APPROPRIATIONS FOR PUBLIC INSTITUTIONS  
OF HIGHER EDUCATION*

*(percentage change from one year to the next)*

|               | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1962-71</u> | <u>1962-67</u> | <u>1967-71</u> |
|---------------|-------------|-------------|-------------|-------------|----------------|----------------|----------------|
| Regions: East | 21%         | 20%         | 17%         | 6%          | 407%           | 182%           | 80%            |
| South         | 21          | 17          | 17          | 14          | 319            | 124            | 87             |
| Central       | 10          | 11          | 15          | 10          | 260            | 83             | 97             |
| West          | 18          | 18          | 12          | 8           | 240            | 99             | 67             |
| United States | 26          | 16          | 15          | 9           | 295            | 114            | 83             |

Table VIII

*TOTAL ENROLLMENTS IN INSTITUTIONS OF PUBLIC HIGHER EDUCATION*

*(percentage change from one year to the next)*

|               | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1962-71</u> | <u>1962-67</u> | <u>1967-71</u> |
|---------------|-------------|-------------|-------------|-------------|----------------|----------------|----------------|
| Regions: East | 12%         | 10%         | 14%         | 9%          | 176%           | 81%            | 53%            |
| South         | 10          | 8           | 9           | 8           | 157            | 84             | 39             |
| Central       | 12          | 9           | 8           | 4           | 147            | 84             | 37             |
| West          | 10          | 9           | 10          | 4           | 135            | 72             | 37             |
| United States | 11          | 9           | 10          | 7           | 152            | 80             | 40             |

Table IX

*TOTAL STATE APPROPRIATIONS FOR PUBLIC INSTITUTIONS OF HIGHER EDUCATION  
AS A PERCENTAGE OF TOTAL STATE GENERAL REVENUE*

|               | <u>1962</u> | <u>1967</u> | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> |
|---------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Regions: East | 5%          | 9%          | 9%          | 10%         | 10%         | 10%         |
| South         | 11          | 15          | 15          | 15          | 16          | 17          |
| Central       | 16          | 17          | 18          | 18          | 17          | 17          |
| West          | 14          | 15          | 16          | 18          | 18          | 17          |
| United States | 11          | 14          | 14          | 15          | 15          | 15          |

The private institutions' share increased better than three times (on the basis of 29 reporting states and from a small base) (Table X), which when combined with an enrollment increase of less than 10 per cent (Table XI), resulted in an increase to .63 per cent from .32 per cent their share of total state revenue (Table XII).

Table X

*TOTAL STATE APPROPRIATIONS FOR PRIVATE INSTITUTIONS  
OF HIGHER EDUCATION\**

*(percentage change from one year to the next)*

|               | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1962-71</u> | <u>1962-67</u> | <u>1967-71</u> |
|---------------|-------------|-------------|-------------|-------------|----------------|----------------|----------------|
| Regions: East | 47%         | 84%         | 14%         | 21%         | 420%           | 39%            | 275%           |
| South         | 42          | 23          | 30          | 34          | 319            | 39             | 202            |
| Central       | 120         | 51          | 49          | 27          | 27x            | 367            | 526            |
| West          | 79          | 40          | 17          | 28          | 683            | 122            | 253            |
| United States | 62          | 70          | 22          | 23          | 568            | 63             | 314            |

Table XI

*TOTAL ENROLLMENTS IN INSTITUTIONS OF PRIVATE HIGHER EDUCATION*

*(percentage change from one year to the next)*

|               | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1962-71</u> | <u>1962-67</u> | <u>1967-71</u> |
|---------------|-------------|-------------|-------------|-------------|----------------|----------------|----------------|
| Regions: East | 4%          | 2%          | 1%          | 2%          | 40%            | 29%            | 8%             |
| South         | 1           | -1          | 0           | 3           | 27             | 23             | 3              |
| Central       | 1           | -1          | -1          | -1          | 20             | 24             | -2             |
| West          | 8           | 19          | 5           | -5          | 40             | 10             | 28             |
| United States | 3           | 2           | 1           | 0           | 32             | 24             | 6              |

Table XII

*TOTAL STATE APPROPRIATIONS FOR PRIVATE INSTITUTIONS OF HIGHER EDUCATION  
AS A PERCENTAGE OF TOTAL STATE GENERAL REVENUE*

|               | <u>1962</u> | <u>1967</u> | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> |
|---------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Regions: East | .72%        | .58%        | .72%        | 1.16%       | 1.17%       | 1.36%       |
| South         | .07         | .06         | .07         | .07         | .09         | .11         |
| Central       | .12         | .21         | .33         | .46         | .54         | .62         |
| West          | .07         | .08         | .13         | .17         | .16         | .18         |
| United States | .32         | .28         | .37         | .56         | .58         | .63         |

\*See Table XII: total amount in most cases is less than 1 per cent of the total state general revenue

In interpreting data comparisons between tables (e.g., VII on appropriation increases and IX on enrollment increases), the reader should be aware that no correction has been made for inflation which, if made, would greatly reduce the real increases in appropriations and state revenues.

Some interesting questions begin to emerge from the data. For example: (1) have state funding shifts followed federal shifts or has one moved in to fill the void left by the other; (2) have enrollment shifts resulted in comparable appropriation shifts, and (3) does a major change in an appropriation level signify a lessening of a commitment to that sector or institutional type, or is it merely the movement of financial support to an area less capable of generating sources of support? How have appropriations per student fared both in higher and elementary-secondary education? Have actual expenditures per student varied as a result of variance in state funding?

Our present intent is to ask our informants to recheck the data with which they supplied us, fill in missing data, and update all data to include the 1972-1973 fiscal year. Having purified to some extent the basic data and having obtained agreement upon our editing practices, the data bank can then be analyzed with refinements of the present program, and tables generated with data as current as the present fiscal year. Analyses may then be made of the data to determine the trends and patterns to be found in state support of all education and of higher education, as well as some of the relationships between enrollment shifts and state appropriation shifts—not only between the public and private sectors and institutional types, but nationally, by state, and by a number of interesting geographical, economic, and social breakdowns.