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ABSTRACT

This digest summarizes and condenses some of the information about higher education in the United States provided by the U. S. Office of Education and other public and private educational organizations. Eleven tables with accompanying texts cover areas of higher education: number of institutions, enrollment, public/private ratios, 4-year/2-year ratios, instructional staff and student/faculty ratios, faculty salary levels, faculty salaries and the cost of living, current fund expenditures, purposes of current fund expenditures, current fund revenues, and sources of current fund expenditures. This digest is felt to be of particular interest to Teachers Insurance and Annuity Association-College Retirement Equities Fund Participating institutions and policyholders.

(Author/PG)

**DIGEST OF STATISTICS ON HIGHER EDUCATION  
IN THE UNITED STATES, 1968-69-1972-73**

This digest summarizes and condenses some of the information about higher education in the United States provided by the U. S. Office of Education and other public and private educational organizations.

Eleven tables with accompanying texts cover areas of higher education that we feel are of particular interest to TIAA-CREF participating institutions and policyholders. A table of contents is shown below.

**TABLE**

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Educational Research Division

**TEACHERS INSURANCE AND ANNUITY ASSOCIATION • COLLEGE RETIREMENT EQUITIES FUND**

730 Third Avenue, New York, New York, 10017



TABLE 1

- Number of Institutions -

The information shown in Table 1 was obtained from directories of colleges and universities published by the U.S. Office of Education and the American Association of Community and Junior Colleges.

The number of all colleges and universities increased by 8 per cent between Fall 1968 and Fall 1972, 16 per cent for public institutions and 1 per cent for private.

During this four-year period, the number of public 2-year colleges rose by 23 per cent while the number of private 2-year colleges diminished by 7 per cent, giving an overall growth of 15 per cent for 2-year colleges. At the same time, the number of all 4-year colleges and universities increased by 4 per cent, 6 per cent for public institutions and 3 per cent for private.

TABLE -1

Number of United States Institutions of Higher Education,  
Fall 1968–Fall 1972, by Type and Control

| Fall Of: | All Institutions |        |         | 2-Year Institutions |        | 4-Year Institutions |       |        |         |
|----------|------------------|--------|---------|---------------------|--------|---------------------|-------|--------|---------|
|          | Total            | Public | Private | Total               | Public | Private             | Total | Public | Private |
| 1968     | 2,743            | 1,249  | 1,494   | 993                 | 739    | 254                 | 1,750 | 510    | 1,240   |
| 1969     | 2,798            | 1,309  | 1,489   | 1,038               | 794    | 244                 | 1,760 | 515    | 1,245   |
| 1970     | 2,850            | 1,360  | 1,490   | 1,070               | 830    | 240                 | 1,780 | 530    | 1,250   |
| 1971     | 2,903            | 1,411  | 1,492   | 1,114               | 876    | 238                 | 1,789 | 535    | 1,254   |
| 1972     | 2,958            | 1,448  | 1,510   | 1,143               | 906    | 237                 | 1,815 | 542    | 1,273   |

Sources: *Higher Education Directory*, United States Office of Education/National Center for Educational Statistics, 1968–69 – 1972–73 issues.

*1972 Junior College Directory*, American Association of Community and Junior Colleges.

**TABLE 2**

**- Enrollment -**

Each fall the U.S. Office of Education surveys colleges and universities to determine, among other things, their enrollments. The American Association of Community and Junior Colleges conducts similar surveys of enrollments at member institutions. Table 2 shows combined information from both of these sources.

Opening fall enrollment at all colleges and universities increased by 23 per cent between Fall 1968 and Fall 1972, 30 per cent at public institutions and 5 per cent at private.

During this four-year period, enrollment at public 2-year colleges grew by 45 per cent but declined by 9 per cent at private 2-year colleges which, combined, give an overall growth of 41 per cent for 2-year colleges. At the same time, enrollment at all 4-year colleges and universities rose by 16 per cent, 22 per cent at public institutions and 6 per cent at private.

TABLE 2

Enrollment In United States Institutions Of Higher Education,  
 Fall 1968–Fall 1972, by Type and Control  
 (000's Omitted)

| Fall Of: | <i>All Institutions</i> |        | <i>2-Year Institutions</i> |        | <i>4-Year Institutions</i> |        |
|----------|-------------------------|--------|----------------------------|--------|----------------------------|--------|
|          | Total                   | Public | Total                      | Public | Total                      | Public |
| 1968     | 7,513                   | 5,431  | 2,082                      | 1,954  | 1,811                      | 143    |
| 1969     | 8,005                   | 5,897  | 2,108                      | 2,216  | 2,081                      | 135    |
| 1970     | 8,498                   | 6,371  | 2,127                      | 2,400  | 2,270                      | 130    |
| 1971     | 9,025                   | 6,846  | 2,179                      | 2,604  | 2,474                      | 130    |
| 1972     | 9,214                   | 7,037  | 2,177                      | 2,755  | 2,625                      | 130    |

Note: Figures include students enrolled in both degree and nondegree programs.

Sources: Annual surveys of Fall enrollments by the United States Office of Education/  
 National Center for Educational Statistics, 1968 - 1970.

*Projections of Educational Statistics To 1980-81*, United States Office of Education/  
 National Center for Educational Statistics.

*Digest of Educational Statistics*, United States Office of Education/National Center  
 for Educational Statistics, 1971 edition.

*1972 Junior College Directory*. American Association of Community and Junior  
 Colleges.

**TABLE 3**

**- Public/Private Ratios -**

Combined statistics from Tables 1 and 2 show a decline in the private sector of higher education between Fall 1968 and Fall 1972 in the number of institutions and enrollment.

Both the proportion of all colleges and universities which are private and the proportion of all students who are enrolled at private institutions decreased steadily during this period. The pattern remains when 2-year and 4-year colleges and universities are analyzed separately.

TABLE 3

Public/Private Ratios for Number of United States Institutions of  
Higher Education and Their Enrollment, Fall 1968–Fall 1972, by Type

| Fall Of: | All Institutions       |            | 2-Year Institutions    |            | 4-Year Institutions    |            |
|----------|------------------------|------------|------------------------|------------|------------------------|------------|
|          | Number of Institutions | Enrollment | Number of Institutions | Enrollment | Number of Institutions | Enrollment |
| 1968     | 46/54                  | 72/28      | 74/26                  | 93/07      | 29/71                  | 65/35      |
| 1969     | 47/53                  | 74/26      | 76/24                  | 94/06      | 29/71                  | 66/34      |
| 1970     | 48/52                  | 75/25      | 78/22                  | 95/05      | 30/70                  | 67/33      |
| 1971     | 49/51                  | 76/24      | 79/21                  | 95/05      | 30/70                  | 68/32      |
| 1972     | 49/51                  | 76/24      | 79/21                  | 95/05      | 30/70                  | 68/32      |

Source: Constructed from data in Tables 1 and 2.

TABLE 4

- Four-Year/Two-Year Ratios -

Combined statistics from Tables 1 and 2 show that between Fall 1968 and Fall 1972 public 2-year colleges grew faster than public 4-year colleges and universities in number and enrollment while the opposite occurred in the private sector.

Both the proportion of all colleges and universities which are 2-year and the proportion of all students who are enrolled at 2-year colleges rose steadily during this period. The growth, however, was only in the public sector. In the private sector, 4-year colleges and universities increased slightly their proportionate share of all institutions and total enrollment.

TABLE 4

Four-Year/Two-Year Ratios for Number of United States Institutions of Higher Education and Their Enrollment, Fall 1968–Fall 1972, by Control

| Fall Of: | All Institutions       |            | Public Institutions    |            | Private Institutions   |            |
|----------|------------------------|------------|------------------------|------------|------------------------|------------|
|          | Number of Institutions | Enrollment | Number of Institutions | Enrollment | Number of Institutions |            |
|          |                        |            |                        |            | Enrollment             | Enrollment |
| 1968     | 64/36                  | 74/26      | 41/59                  | 67/33      | 83/17                  | 93/07      |
| 1969     | 63/37                  | 72/28      | 39/61                  | 65/35      | 84/16                  | 94/07      |
| 1970     | 62/38                  | 72/28      | 39/61                  | 64/36      | 84/16                  | 94/06      |
| 1971     | 62/38                  | 71/29      | 38/62                  | 64/36      | 84/16                  | 94/06      |
| 1972     | 61/39                  | 70/30      | 37/63                  | 63/37      | 84/16                  | 94/06      |

Source: Constructed from data in Tables 1 and 2.

TABLE 5

- Instructional Staff and Student/Faculty Ratios -

Information regarding the size and composition of instructional staffs at colleges and universities is collected by the U.S. Office of Education, but not on an annual basis and rarely by a survey of all institutions. Since instructional staff information in Table 5 is based on Office of Education reports, it is mostly estimated.

Student/faculty ratios in Table 5 were calculated by dividing instructional staff totals in the various categories into number of student totals in matching categories, using enrollment data from Table 2.

The size of the instructional staff at all colleges and universities increased by 14 per cent between Fall 1968 and Fall 1972, 19 per cent at public institutions and 2 per cent at private.

During this four-year period, the instructional staff at public 2-year colleges expanded by 34 per cent but diminished by 10 per cent at private 2-year colleges which, combined, give an overall growth of 30 per cent for 2-year colleges. At the same time, the instructional staff at all 4-year institutions grew by 11 per cent, 16 per cent at public institutions and 3 per cent at private.

Between Fall 1968 and Fall 1972 the growth rate for enrollment exceeded that for size of instructional staff at 2-year and 4-year colleges and universities in both the public and private sectors. This trend is reflected in rises in the student/faculty ratios at all these institutions during this period.

TABLE 5

Instructional Staff and Student/Faculty Ratios at United States Institutions of Higher Education,  
 Fall 1968–Fall 1972, by Type and Control  
 (000's Omitted for Instructional Staff)

| Fall Of: | All Institutions |               |                   |        |               |                   | 2-Year Institutions |               |                   |       |               |                   | 4-Year Institutions |               |                   |         |               |                   |
|----------|------------------|---------------|-------------------|--------|---------------|-------------------|---------------------|---------------|-------------------|-------|---------------|-------------------|---------------------|---------------|-------------------|---------|---------------|-------------------|
|          | Total            |               |                   | Public |               |                   | Private             |               |                   | Total |               |                   | Public              |               |                   | Private |               |                   |
|          | Total S/F        | Faculty Ratio | S/F Faculty Ratio | S/F    | Faculty Ratio | S/F Faculty Ratio | S/F                 | Faculty Ratio | S/F Faculty Ratio | S/F   | Faculty Ratio | S/F Faculty Ratio | S/F                 | Faculty Ratio | S/F Faculty Ratio | S/F     | Faculty Ratio | S/F Faculty Ratio |
| 1968     | 747              | 10.0          | 505               | 10.8   | 242           | 8.6               | 100                 | 19.5          | 90                | 20.1  | 10            | 14.3              | 647                 | 8.6           | 415               | 8.7     | 232           | 8.4               |
| 1969     | 781              | 10.2          | 539               | 10.9   | 242           | 8.7               | 108                 | 20.5          | 99                | 21.0  | 9             | 15.0              | 673                 | 8.6           | 440               | 8.7     | 233           | 8.5               |
| 1970     | 802              | 10.6          | 559               | 11.4   | 243           | 8.8               | 114                 | 21.1          | 105               | 21.6  | 9             | 14.4              | 688                 | 8.9           | 454               | 9.0     | 234           | 8.5               |
| 1971     | 835              | 10.8          | 589               | 11.6   | 246           | 8.8               | 123                 | 21.2          | 114               | 21.7  | 9             | 14.4              | 712                 | 9.0           | 475               | 9.2     | 237           | 8.6               |
| 1972     | 850              | 10.8          | 603               | 11.7   | 247           | 8.8               | 130                 | 21.2          | 121               | 21.7  | 9             | 14.4              | 720                 | 9.0           | 482               | 9.2     | 238           | 8.6               |

Note: Figures in this table are in terms of positions, not persons. They include instructional staff for resident degree and nondegree programs; extension courses; instruction by mail, radio, or t.v.; short courses; individual lessons; and organized research. Excluded are professional staff concerned with general administration, student personnel service, and libraries.

Source: *Projections of Educational Statistics to 1980-81*, adjusted, United States Office of Education/National Center for Educational Statistics.

TABLE 6  
— Faculty Salary Levels —

Information about faculty salaries at colleges and universities is collected annually by the American Association of University Professors (AAUP) and reported in summer issues of the *AAUP Bulletin*. Table 6 data, obtained from this source, show the weighted average salaries of four faculty ranks between academic years 1968-69 and 1972-73.

The AAUP reports did not distinguish between 4-year colleges offering baccalaureate degrees only and other 4-year colleges in 1968-69 and 1969-70. In some categories, private independent and church-related 2-year institutions for example, very few institutions submitted data and these institutions were not always the same from year to year. Consequently, salary figures for these categories may not be wholly representative.

Faculty salaries increased regularly during this period, with the four-year rate of increase varying by type of institution but being fairly independent of academic rank and institutional control. The rate of increase was around 20 per cent for universities and 2-year institutions and 25 per cent for 4-year colleges, although considerably lower for those offering baccalaureate degrees only. There were very small rank and control differences in the rate of increase, with instructors and private institutions having slight edges.

TABLE 6

**Weighted Average Faculty Salaries at United States Institutions of Higher Education,  
Academic Years 1968-69-1972-73, by Academic Rank, Type and Control**

| <u>2-Year Institutions</u> |               |                     |                       | <u>4-Year Institutions - Baccalaureate Degree Only</u> |               |                     |                       | <u>Other 4-Year Institutions<sup>1</sup></u> |               |                     |                       | <u>Universities</u> |               |                     |                       |
|----------------------------|---------------|---------------------|-----------------------|--------------------------------------------------------|---------------|---------------------|-----------------------|----------------------------------------------|---------------|---------------------|-----------------------|---------------------|---------------|---------------------|-----------------------|
| <u>All</u>                 | <u>Public</u> | <u>Private Ind.</u> | <u>Church-Related</u> | <u>All</u>                                             | <u>Public</u> | <u>Private Ind.</u> | <u>Church-Related</u> | <u>All</u>                                   | <u>Public</u> | <u>Private Ind.</u> | <u>Church-Related</u> | <u>All</u>          | <u>Public</u> | <u>Private Ind.</u> | <u>Church-Related</u> |
| <b>1968-69</b>             |               |                     |                       |                                                        |               |                     |                       |                                              |               |                     |                       |                     |               |                     |                       |
| Professor                  | \$15,900      | \$16,246            | \$12,693              | \$10,635                                               |               |                     |                       | \$14,728                                     | \$15,263      | \$15,058            | \$12,973              | \$17,600            | \$17,140      | \$19,183            | \$15,946              |
| Associate                  | 12,752        | 12,903              | 10,893                | 9,230                                                  |               |                     |                       | 11,706                                       | 12,131        | 11,644              | 10,554                | 12,907              | 12,864        | 13,241              | 12,228                |
| Assistant                  | 10,665        | 10,776              | 9,170                 | 8,111                                                  |               |                     |                       | 9,778                                        | 10,117        | 9,602               | 8,999                 | 10,534              | 10,562        | 10,552              | 10,910                |
| Instructor                 | 8,750         | 8,863               | 7,501                 | 7,026                                                  |               |                     |                       | 7,862                                        | 8,003         | 7,897               | 7,465                 | 8,092               | 8,052         | 8,334               | 8,078                 |
| <b>1969-70</b>             |               |                     |                       |                                                        |               |                     |                       |                                              |               |                     |                       |                     |               |                     |                       |
| Professor                  | 15,798        | 16,054              | 13,295                | 10,908                                                 |               |                     |                       | 15,892                                       | 16,542        | 15,956              | 13,913                | 18,600              | 18,148        | 20,304              | 16,661                |
| Associate                  | 13,358        | 13,445              | 11,310                | 9,117                                                  |               |                     |                       | 12,556                                       | 13,090        | 12,274              | 11,225                | 13,628              | 13,577        | 14,002              | 12,908                |
| Assistant                  | 11,133        | 11,187              | 9,695                 | 8,443                                                  |               |                     |                       | 10,436                                       | 10,846        | 10,124              | 9,517                 | 11,163              | 11,189        | 11,174              | 10,594                |
| Instructor                 | 9,317         | 9,424               | 7,935                 | 7,243                                                  |               |                     |                       | 8,397                                        | 8,557         | 8,447               | 7,919                 | 8,619               | 8,592         | 8,828               | 8,476                 |
| <b>1970-71</b>             |               |                     |                       |                                                        |               |                     |                       |                                              |               |                     |                       |                     |               |                     |                       |
| Professor                  | 16,920        | 17,100              | 12,620                | 12,140                                                 |               |                     |                       | \$15,700                                     | \$14,280      | \$17,090            | \$17,420              | 19,600              | 19,150        | 21,080              | 18,100                |
| Associate                  | 13,980        | 14,120              | 11,340                | 10,600                                                 |               |                     |                       | 12,590                                       | 12,130        | 11,520              | 13,570                | 13,830              | 13,350        | 14,350              | 13,930                |
| Assistant                  | 11,660        | 11,760              | 9,780                 | 9,290                                                  |               |                     |                       | 10,210                                       | 10,810        | 10,270              | 9,890                 | 11,440              | 10,940        | 11,760              | 11,390                |
| Instructor                 | 9,670         | 9,760               | 8,470                 | 8,200                                                  |               |                     |                       | 8,590                                        | 8,910         | 8,790               | 8,360                 | 9,070               | 8,520         | 9,290               | 9,030                 |
| <b>1971-72</b>             |               |                     |                       |                                                        |               |                     |                       |                                              |               |                     |                       |                     |               |                     |                       |
| Professor                  | 17,810        | 18,060              | 13,780                | 10,970                                                 |               |                     |                       | 15,630                                       | 16,650        | 16,810              | 14,820                | 17,650              | 17,850        | 20,250              | 18,440                |
| Associate                  | 14,410        | 14,570              | 11,300                | 10,370                                                 |               |                     |                       | 12,530                                       | 13,510        | 12,890              | 11,940                | 13,980              | 14,140        | 14,920              | 14,870                |
| Assistant                  | 12,240        | 12,350              | 10,080                | 9,170                                                  |               |                     |                       | 10,640                                       | 11,300        | 10,780              | 10,220                | 11,660              | 10,870        | 12,200              | 12,190                |
| Instructor                 | 10,130        | 10,200              | 8,600                 | 7,810                                                  |               |                     |                       | 9,020                                        | 9,980         | 9,240               | 8,640                 | 9,470               | 9,540         | 9,850               | 9,430                 |
| <b>1972-73</b>             |               |                     |                       |                                                        |               |                     |                       |                                              |               |                     |                       |                     |               |                     |                       |
| Professor                  | 18,750        | 18,860              | 14,790                | 12,140                                                 |               |                     |                       | 16,370                                       | 17,510        | 17,500              | 15,440                | 18,670              | 18,980        | 16,690              | 20,900                |
| Associate                  | 15,110        | 15,250              | 12,090                | 10,850                                                 |               |                     |                       | 13,020                                       | 14,160        | 13,330              | 12,390                | 14,770              | 15,000        | 14,750              | 15,380                |
| Assistant                  | 12,790        | 12,870              | 10,840                | 10,040                                                 |               |                     |                       | 10,990                                       | 11,680        | 11,220              | 10,560                | 12,290              | 12,270        | 12,200              | 12,820                |
| Instructor                 | 10,150        | 10,310              | 7,890                 | 7,500                                                  |               |                     |                       | 9,280                                        | 9,680         | 9,640               | 8,920                 | 10,000              | 10,130        | 9,220               | 9,970                 |

<sup>1</sup>From-year institution salary data was not split into two categories for 1968-69 and 1969-70. Salary data for these two years in the "Other 4-Year Institutions" column is for all 4-year institutions.

Source: *AUP Bulletin*, American Association of University Professors, 1969-73 summer issues.

TABLE 7

- Faculty Salaries and the Cost of Living -

Table 7 shows the average annual percentage increase in salaries by academic rank of all full-time faculty members in all colleges and universities surveyed by the American Association of University Professors between academic years 1968-69 and 1972-73 and the value of the salary increases in purchasing power. The institutions surveyed were not always the same from year to year and, thus, the percentage increases for the different ranks may not be wholly representative.

The annual rate of salary increase was fairly uniform across the four ranks in each of the five years, particularly for professors and associate professors. The percentages were lower in 1971-72 and 1972-73 than in the preceding three years reflecting, no doubt, the effect of wage controls.

  
The annual rate of purchasing power change indicates that in the aggregate faculty members have had little real gain from salary increases during this period.

The CPI of Table 7 is The U.S. Consumer Price Index for all items computed by The Bureau of Labor Statistics of The U.S. Department of Labor.

TABLE 7

Average Annual Percentage Increase in Faculty Salaries at United States Institutions of Higher Education,  
Academic Years 1968-69-1972-73, by Academic Rank, with Increases Related to Purchasing Power

|                | % Increase in Salary<br>Over Preceding Year | % Increase in CPI<br>Over Preceding Year <sup>1</sup> | % Change in Purchasing<br>Power Over Preceding Year |
|----------------|---------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|
| <b>1968-69</b> |                                             |                                                       |                                                     |
| Professor      | 6.3%                                        | 5.1%                                                  | 1.2%                                                |
| Associate      | 6.6                                         | 5.1                                                   | 1.5                                                 |
| Assistant      | 6.5                                         | 5.1                                                   | 1.4                                                 |
| Instructor     | 6.1                                         | 5.1                                                   | 1.0                                                 |
| <b>1969-70</b> |                                             |                                                       |                                                     |
| Professor      | 6.5                                         | 5.9                                                   | 0.6                                                 |
| Associate      | 6.3                                         | 5.9                                                   | 0.4                                                 |
| Assistant      | 8.7                                         | 5.9                                                   | 2.8                                                 |
| Instructor     | 6.6                                         | 5.9                                                   | 0.7                                                 |
| <b>1970-71</b> |                                             |                                                       |                                                     |
| Professor      | 5.4                                         | 4.9                                                   | 0.5                                                 |
| Associate      | 5.6                                         | 4.9                                                   | 0.7                                                 |
| Assistant      | 3.0                                         | 4.9                                                   | -1.9                                                |
| Instructor     | 6.4                                         | 4.9                                                   | 1.5                                                 |
| <b>1971-72</b> |                                             |                                                       |                                                     |
| Professor      | 3.3                                         | 3.4                                                   | -0.1                                                |
| Associate      | 3.4                                         | 3.4                                                   | 0.0                                                 |
| Assistant      | 3.7                                         | 3.4                                                   | 0.3                                                 |
| Instructor     | 4.8                                         | 3.4                                                   | 1.4                                                 |
| <b>1972-73</b> |                                             |                                                       |                                                     |
| Professor      | 4.4                                         | 4.5                                                   | -0.1                                                |
| Associate      | 4.4                                         | 4.5                                                   | -0.1                                                |
| Assistant      | 4.5                                         | 4.5                                                   | 0.0                                                 |
| Instructor     | 3.7                                         | 4.5                                                   | -0.8                                                |

<sup>1</sup>Obtained from *Federal Reserve Bulletin*, with September figures used to compute annual percentage increases.

Source: AAUP Bulletin, American Association of University Professors, 1969-73 summer issues.

TABLE 8

- Current Fund Expenditures -

Information in Table 8 comes from data reported by the U.S. Office of Education based on answers to expenditure questions in their annual Higher Education General Information Survey of colleges and universities. The latest expenditure data released by the Office of Education is current through fiscal year 1970-71, so Table 8 entries for 1971-72 and 1972-73 are estimates.

Current fund expenditures of all colleges and universities increased by \$8.72 billion between fiscal years 1968-69 and 1972-73, a growth of 47 per cent. During this period, current fund expenditures rose by 55 per cent in public institutions and 34 per cent in private. The proportion of total current fund expenditures disbursed by public institutions grew steadily, from 62 per cent in 1968-69 to 65 per cent in 1972-73.

Total current fund expenditures of colleges and universities continued to comprise an increasingly larger percentage of Gross National Product, rising from 1.99 per cent in 1968-69 to 2.32 per cent in 1970-71 before dropping to 2.26 per cent in 1972-73.

\* TABLE 8

Current Fund Expenditures of United States Institutions of Higher Education, Fiscal Years 1968-69-1972-73,  
by Control, with Total Current Fund Expenditures Shown as A Percentage of Gross National Product (GNP)

| <u>Current Fund Expenditures<br/>(in billions of current dollars)</u> |       |       | <u>% Increase of Current Fund<br/>Expenditures Over Preceding Year</u> | <u>% Total Current Fund<br/>Expenditures Is of GNP<sup>1</sup></u> |
|-----------------------------------------------------------------------|-------|-------|------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>1968-69</b>                                                        |       |       |                                                                        |                                                                    |
| Public                                                                | 11.43 | (62%) | 14.0%                                                                  |                                                                    |
| Private                                                               | 7.05  | (38)  | 9.3                                                                    |                                                                    |
| Total                                                                 | 18.48 | (100) | 12.1                                                                   | 1.99%                                                              |
| <b>1969-70</b>                                                        |       |       |                                                                        |                                                                    |
| Public                                                                | 13.35 | (63)  | 16.8                                                                   |                                                                    |
| Private                                                               | 7.81  | (37)  | 10.8                                                                   |                                                                    |
| Total                                                                 | 21.16 | (100) | 14.5                                                                   | 2.22                                                               |
| <b>1970-71</b>                                                        |       |       |                                                                        |                                                                    |
| Public                                                                | 15.08 | (64)  | 13.0                                                                   |                                                                    |
| Private                                                               | 8.42  | (36)  | 7.8                                                                    |                                                                    |
| Total                                                                 | 23.50 | (100) | 11.1                                                                   | 2.32                                                               |
| <b>1971-72</b>                                                        |       |       |                                                                        |                                                                    |
| Public                                                                | 16.53 | (65)  | 9.6                                                                    |                                                                    |
| Private                                                               | 8.96  | (35)  | 6.4                                                                    |                                                                    |
| Total                                                                 | 25.49 | (100) | 8.5                                                                    | 2.31                                                               |
| <b>1972-73<sup>2</sup></b>                                            |       |       |                                                                        |                                                                    |
| Public                                                                | 17.75 | (65)  | 7.4                                                                    |                                                                    |
| Private                                                               | 9.45  | (35)  | 5.5                                                                    |                                                                    |
| Total                                                                 | 27.20 | (100) | 6.7                                                                    | 2.26                                                               |

<sup>1</sup>Computed after adjusting Bureau of the Census annual GNP figures to a fiscal year basis.

<sup>2</sup>Estimated.

Source: *Projections of Educational Statistics to 1980-81*, adjusted, United States Office of Education/National Center for Educational Statistics.

TABLE 9

- Purposes of Current Fund Expenditures -

The U.S. Office of Education uses fifteen categories of disbursements to report current fund expenditures of colleges and universities. These have been collapsed into five categories for Table 9: student education, organized research, major public service and related activities (hospitals, clinics, etc.), auxiliary enterprises (dormitories, dining halls, athletic programs, etc.), and student aid.

Changes were minor in the proportion of total current fund expenditures disbursed for each of the five purposes between fiscal year 1968-69 and 1972-73. The proportion spent for student education rose 2 per cent, while that expended for major public service and related activities declined by the same amount. The other proportions did not vary by more than 1 per cent during the period.

There were differences between public and private institutions regarding the proportion of total current fund expenditures going for each purpose. Public institutions spent proportionately more funds on student education, but less on the other purposes than private institutions. However, changes in the proportion spent for each purpose within the public and private groups over the five years were minimal.

TABLE 9

Current Fund Expenditures of United States Institutions of Higher Education,  
Fiscal Years 1968-69-1972-73, by Control and Purpose  
(in billions of current dollars)

|         | <u>Student Education</u>           | <u>Organized Research</u> | <u>Major Public Service and Related Activities</u> | <u>Auxiliary Enterprises</u> | <u>Student Aid</u> | <u>Total</u>  |
|---------|------------------------------------|---------------------------|----------------------------------------------------|------------------------------|--------------------|---------------|
|         | <b><u>1968-69</u></b>              |                           |                                                    |                              |                    |               |
| Public  | 7.4<br>(65%)                       | 1.2<br>(11)               | 1.0<br>(9)                                         | 1.4<br>(12)                  | 0.4<br>(3)         | 11.4<br>(100) |
| Private | 3.9<br>(55%)                       | 0.8<br>(11)               | 0.8<br>(11)                                        | 1.1<br>(16)                  | 0.5<br>(7)         | 7.1<br>(100)  |
| Total   | 11.3<br>(61%)                      | 2.0<br>(11)               | 1.8<br>(10)                                        | 2.5<br>(13)                  | 0.9<br>(5)         | 18.5<br>(100) |
|         | <b><u>1969-70</u></b>              |                           |                                                    |                              |                    |               |
| Public  | 8.7<br>(65%)                       | 1.3<br>(10)               | 1.2<br>(9)                                         | 1.7<br>(12)                  | 0.5<br>(4)         | 13.4<br>(100) |
| Private | 4.3<br>(55%)                       | 0.9<br>(12)               | 0.9<br>(12)                                        | 1.2<br>(15)                  | 0.5<br>(6)         | 7.8<br>(100)  |
| Total   | 13.0<br>(61%)                      | 2.2<br>(10)               | 2.1<br>(10)                                        | 2.9<br>(14)                  | 1.0<br>(5)         | 21.2<br>(100) |
|         | <b><u>1970-71</u></b>              |                           |                                                    |                              |                    |               |
| Public  | 9.8<br>(65%)                       | 1.5<br>(10)               | 1.3<br>(9)                                         | 1.9<br>(12)                  | 0.6<br>(4)         | 15.1<br>(100) |
| Private | 4.7<br>(56%)                       | 1.0<br>(12)               | 0.9<br>(11)                                        | 1.3<br>(15)                  | 0.5<br>(6)         | 8.4<br>(100)  |
| Total   | 14.5<br>(62%)                      | 2.5<br>(11)               | 2.2<br>(9)                                         | 3.2<br>(14)                  | 1.1<br>(5)         | 23.5<br>(100) |
|         | <b><u>1971-72</u></b> <sup>1</sup> |                           |                                                    |                              |                    |               |
| Public  | 10.9<br>(66%)                      | 1.6<br>(10)               | 1.3<br>(8)                                         | 2.1<br>(13)                  | 0.6<br>(3)         | 16.5<br>(100) |
| Private | 5.0<br>(56%)                       | 1.1<br>(12)               | 0.9<br>(10)                                        | 1.4<br>(15)                  | 0.6<br>(7)         | 9.0<br>(100)  |
| Total   | 15.9<br>(62%)                      | 2.7<br>(10)               | 2.2<br>(9)                                         | 3.5<br>(14)                  | 1.2<br>(5)         | 25.5<br>(100) |
|         | <b><u>1972-73</u></b> <sup>1</sup> |                           |                                                    |                              |                    |               |
| Public  | 11.8<br>(66%)                      | 1.7<br>(10)               | 1.3<br>(7)                                         | 2.3<br>(13)                  | 0.7<br>(4)         | 17.8<br>(100) |
| Private | 5.3<br>(56%)                       | 1.1<br>(12)               | 0.9<br>(10)                                        | 1.4<br>(15)                  | 0.7<br>(7)         | 9.4<br>(100)  |
| Total   | 17.1<br>(63%)                      | 2.8<br>(10)               | 2.2<br>(8)                                         | 3.7<br>(14)                  | 1.4<br>(5)         | 27.2<br>(100) |

<sup>1</sup> Estimated.

Source: *Projection of Educational Statistics to 1980-81*, adjusted, United States Office of Education/National Center for Educational Statistics.

TABLE 10  
- Current Fund Revenues -

Information in Table 10 comes from data reported by the U.S. Office of Education based on answers to revenue questions in their annual Higher Education General Information Survey of colleges and universities. The latest revenue data released by the Office of Education is current through fiscal year 1970-71, so Table 10 entries for 1971-72 and 1972-73 are estimates.

Current fund revenues of all colleges and universities increased by \$9.32 billion between fiscal years 1968-69 and 1972-73, a growth of 49 per cent. During this period, current fund revenues rose by 58 per cent in public institutions and 35 per cent in private. The proportion of total current fund revenues received by public institutions grew steadily, from 62 per cent in 1968-69 to 66 per cent in 1972-73.

TABLE 10

Current Fund Revenues of United States Institutions of Higher Education,  
Fiscal Years 1968-69-1972-73, by Control

|                            | Current Fund Revenues<br>(in billions of current dollars) |       |  | % Increase of Current<br>Fund Revenues Over Preceding Year |
|----------------------------|-----------------------------------------------------------|-------|--|------------------------------------------------------------|
| <b>1968-69</b>             |                                                           |       |  |                                                            |
| Public                     | 11.77                                                     | (62%) |  | 13.8%                                                      |
| Private                    | 7.11                                                      | (38)  |  | 9.6                                                        |
| Total                      | 18.88                                                     | (100) |  | 12.2                                                       |
| <b>1969-70</b>             |                                                           |       |  |                                                            |
| Public                     | 13.75                                                     | (64)  |  | 16.8                                                       |
| Private                    | 7.89                                                      | (36)  |  | 11.0                                                       |
| Total                      | 21.64                                                     | (100) |  | 14.6                                                       |
| <b>1970-71</b>             |                                                           |       |  |                                                            |
| Public                     | 15.53                                                     | (65)  |  | 12.9                                                       |
| Private                    | 8.51                                                      | (35)  |  | 7.9                                                        |
| Total                      | 24.04                                                     | (100) |  | 11.1                                                       |
| <b>1971-72<sup>1</sup></b> |                                                           |       |  |                                                            |
| Public                     | 17.19                                                     | (65)  |  | 10.7                                                       |
| Private                    | 9.09                                                      | (35)  |  | 6.6                                                        |
| Total                      | 26.28                                                     | (100) |  | 9.3                                                        |
| <b>1972-73<sup>1</sup></b> |                                                           |       |  |                                                            |
| Public                     | 18.60                                                     | (66)  |  | 8.5                                                        |
| Private                    | 9.60                                                      | (34)  |  | 5.6                                                        |
| Total                      | 28.20                                                     | (100) |  | 7.5                                                        |

<sup>1</sup>Estimated.

Sources: *Digest of Educational Statistics*, United States Office of Education/National Center for Educational Statistics, 1971 edition.

April 1973 preliminary report on financial statistics of Higher Education, United States Office of Education/National Center for Educational Statistics.

TABLE 11

- Sources of Current Fund Revenues -

The U.S. Office of Education uses ten categories of sources to report current fund revenues of colleges and universities. These have been collapsed into seven categories for Table 11: tuition and fees, Federal funds excluding student assistance, state funds, local funds, endowment earnings, voluntary private support, and a residual category grouping revenue from auxiliary enterprises, public service programs, student-aid grants, and general sources.

Between fiscal years 1968-69 and 1972-73 some changes occurred in the proportion of total current fund revenues derived from each source. For example, the states took on a heavier burden, and student charges rose while Federal support declined proportionately.

There were differences between public and private institutions regarding the proportion of total current fund revenues coming from each source during the period. The largest part of the revenues obtained by public institutions is from state funds, while private institutions get the major part of their income from tuition and fees. On the other hand, public institutions receive small financial support from private gifts and endowment earnings, while private institutions as a group benefit little from state and local tax revenues.

TABLE 11

**Current Fund Revenues of United States Institutions of Higher Education,  
Fiscal Years 1968-69-1972-73, by Control and Source  
(in billions of current dollars)**

|                            | <u>Tuition<br/>and Fees</u> | <u>Federal 1</u> | <u>State</u> | <u>Local</u> | <u>Endowment<br/>Earnings</u> | <u>Private<br/>Support</u> | <u>All Other 2</u> | <u>Total</u>  |
|----------------------------|-----------------------------|------------------|--------------|--------------|-------------------------------|----------------------------|--------------------|---------------|
| <b>1968-69</b>             |                             |                  |              |              |                               |                            |                    |               |
| Public                     | 1.5<br>(13%)                | 2.1<br>(17)      | 4.8<br>(41)  | 0.6<br>(5)   | —                             | 0.1<br>(1)                 | 2.7<br>(23)        | 11.8<br>(100) |
| Private                    | 2.4<br>(34%)                | 1.5<br>(21)      | 0.1<br>(1)   | —            | 0.4<br>(6)                    | 0.8<br>(11)                | 1.9<br>(27)        | 7.1<br>(100)  |
| Total                      | 3.9<br>(20%)                | 3.6<br>(19)      | 4.9<br>(26)  | 0.6<br>(3)   | —                             | 0.4<br>(2)                 | 4.6<br>(5)         | 18.9<br>(100) |
| <b>1969-70</b>             |                             |                  |              |              |                               |                            |                    |               |
| Public                     | 1.8<br>(13%)                | 2.1<br>(15)      | 5.7<br>(42)  | 0.6<br>(4)   | —                             | 0.1<br>(1)                 | 3.3<br>(24)        | 13.7<br>(100) |
| Private                    | 2.7<br>(34%)                | 1.5<br>(19)      | 0.1<br>(1)   | —            | 0.5<br>(6)                    | 0.9<br>(12)                | 2.2<br>(28)        | 7.9<br>(100)  |
| Total                      | 4.5<br>(21%)                | 3.6<br>(17)      | 5.8<br>(27)  | 0.6<br>(3)   | —                             | 0.6<br>(3)                 | 5.5<br>(5)         | 21.6<br>(100) |
| <b>1970-71</b>             |                             |                  |              |              |                               |                            |                    |               |
| Public                     | 2.1<br>(14%)                | 2.2<br>(14)      | 6.7<br>(43)  | 0.7<br>(4)   | —                             | 0.1<br>(1)                 | 3.6<br>(23)        | 15.5<br>(100) |
| Private                    | 3.0<br>(35%)                | 1.5<br>(18)      | 0.1<br>(1)   | —            | 0.5<br>(6)                    | 0.9<br>(11)                | 2.5<br>(29)        | 8.5<br>(100)  |
| Total                      | 5.1<br>(21%)                | 3.7<br>(15)      | 6.8<br>(28)  | 0.7<br>(3)   | —                             | 0.6<br>(3)                 | 1.0<br>(4)         | 24.0<br>(25)  |
| <b>1971-72<sup>3</sup></b> |                             |                  |              |              |                               |                            |                    |               |
| Public                     | 2.5<br>(15%)                | 2.2<br>(13)      | 7.4<br>(43)  | 0.8<br>(5)   | —                             | 0.1<br>(1)                 | 4.0<br>(23)        | 17.2<br>(100) |
| Private                    | 3.3<br>(36%)                | 1.4<br>(15)      | 0.1<br>(1)   | —            | 0.6<br>(7)                    | 0.9<br>(10)                | 2.8<br>(10)        | 9.1<br>(100)  |
| Total                      | 5.8<br>(22%)                | 3.6<br>(14)      | 7.5<br>(28)  | 0.8<br>(3)   | —                             | 0.7<br>(3)                 | 1.0<br>(4)         | 26.3<br>(26)  |
| <b>1972-73<sup>3</sup></b> |                             |                  |              |              |                               |                            |                    |               |
| Public                     | 2.8<br>(15%)                | 2.5<br>(13)      | 8.2<br>(44)  | 0.8<br>(4)   | —                             | 0.1<br>(1)                 | 4.1<br>(22)        | 18.6<br>(100) |
| Private                    | 3.5<br>(37%)                | 1.6<br>(17)      | 0.1<br>(1)   | —            | 0.6<br>(6)                    | 0.9<br>(9)                 | 2.9<br>(30)        | 9.6<br>(100)  |
| Total                      | 6.3<br>(22%)                | 4.1<br>(15)      | 8.3<br>(29)  | 0.8<br>(3)   | —                             | 0.7<br>(2)                 | 1.0<br>(4)         | 28.2<br>(25)  |

<sup>1</sup> Excludes student assistance other than fellowships and training grants.

<sup>2</sup> Comprised of revenues from auxiliary enterprises, public service programs, student-aid grants, and other general sources.

<sup>3</sup> Estimated.

Sources: *Digest of Educational Statistics*, United States Office of Education/National Center for Educational Statistics, 1971 edition, *Projections of Educational Statistics to 1980-81*, United States Office of Education/National Center for Educational Statistics, Various articles about college and university revenues appearing in "Higher Education and National Affairs", "The Chronicle of Higher Education", and "The New York Times".