

DOCUMENT RESUME

ED 094 669

HE 005 793

AUTHOR Stewart, William L.; And Others
TITLE Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1972. A Report to the President and Congress.
INSTITUTION National Science Foundation, Washington, D.C. Div. of Science Resources Studies.
REPORT NO NSF-74-305
PUB DATE Feb 74
NOTE 149p.
AVAILABLE FROM Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (Stock No. 3800-00180, \$2.45)

EDRS PRICE MF-\$0.75 HC-\$6.60 PLUS POSTAGE
DESCRIPTORS Annual Reports; Colleges; *Educational Finance; *Federal Aid; *Financial Support; *Higher Education; *Science Activities; Science Education; Sciences; Scientific Research; Universities

ABSTRACT

This report is the fifth in a series of annual reports to the President and Congress on the magnitude and characteristics of federal funding of research, development, and other science-related activities at universities, colleges, and other nonprofit institutions. The report analyzes current patterns of federal higher education support in terms of types of activities, agency sources of funds, fields of science, geographic locality, and institutional distribution. In addition, it provides information on federally supported research development activities at other selected nonprofit institutions. (Author)

A REPORT TO THE PRESIDENT AND CONGRESS

Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1972

ED 094 669

U. S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRO-
DUCED EXACTLY AS RECEIVED FROM
THE PERSON OR ORGANIZATION ORIGIN-
ATING IT. POINTS OF VIEW OR OPINIONS
STATED DO NOT NECESSARILY REPRESENT
OFFICIAL NATIONAL INSTITUTE OF
EDUCATION POSITION OR POLICY.

HM 005 793

LETTER OF TRANSMITTAL

Washington, D.C.

DEAR MR. PRESIDENT:

I have the honor to transmit to you this report, *Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1972*, as required by the National Science Foundation Act as amended through August 1968.

Respectfully,

H. GUYFORD STEVER
Director
National Science Foundation

The Honorable
The President of the United States

Identical letters have been sent to:
The President of the Senate
The Speaker of the House of Representatives

General notes

- The Federal obligations in this study were reported by 14 agencies that accounted for more than 95 percent of all Federal support to universities and colleges.
- The Federal obligations shown in this report for the 85 selected nonprofit research institutes and 22 Federally Funded Research and Development Centers (FFRDC's) administered by nonprofit institutions comprised approximately 85 percent of total Federal support to all research institutes and FFRDC's managed by nonprofit institutions.
- Hospitals, professional and technical societies, academies of science, museums, and philanthropic foundations are not included in this study. These types of organizations account for approximately 40 percent of total Federal R&D support to nonprofit institutions other than universities and colleges.
- Federal obligations are reported for the Federal fiscal year, ending June 30 of the year shown.
- Educational data on degrees awarded are from the U.S. Office of Education and cover the academic year 1970-71.

acknowledgments

This report was developed in the R&D Economic Studies Section, Division of Science Resources Studies, under special guidance of William Stewart, Head. The survey was conducted and the report prepared under the direction of Richard M. Berry, Study Director, Universities and Nonprofit Institutions Studies Group. The data were compiled and the report written by Suzanne H. Sale.

FOREWORD

This report is the fifth in a series of annual reports to the President and Congress on the magnitude and characteristics of Federal funding of research, development, and other science-related activities at universities, colleges, and other nonprofit institutions, as required by the 1968 amendment to the National Science Foundation Act of 1950. The report analyzes current patterns of Federal higher education support in terms of types of activities, agency sources of funds, fields of science, geographic locality, and institutional distribution. In addition, it provides information on federally supported R&D activities at other selected nonprofit institutions. The source of the information is the Government-wide data system originally established under the auspices of the Committee on Academic Science and Engineering (CASE).

We extend our appreciation to staff members of the cooperating agencies, without whose help this compilation would be impossible. The analysis and preparation of the report were carried out by the Division of Science Resources Studies, Charles E. Falk, Director. The Management Information Office, George Pilarinos, Management Information Officer, was responsible for processing the data.

H. Guyford Stever
Director
National Science Foundation

February 1974

CONTENTS

	Page
HIGHLIGHTS	viii
INTRODUCTION	x
PART I. FEDERAL SUPPORT TO UNIVERSITIES AND COLLEGES	
Section 1. Total, Academic Science, and R&D Activities	2
Total Federal Support	2
Trends	2
Agency distribution	4
Geographic distribution	5
Institutional distribution	6
Control of institution	7
Academic Science Support	8
R&D Support	9
Field of science	10
Geographic distribution	11
Institutional distribution	12
R&D plant	13
Section 2. Science Education Activities	14
Fellowships, Traineeships, and Training Grants	14
Agency distribution	14
Field of science	15
Geographic distribution	16
Institutional distribution	16
General Support for Science	18
Agency distribution	18
Institutional distribution	18
Facilities and Equipment for Instruction in Science and Engineering	
Section 3. Federally Funded Research and Development Centers Administered by Universities and Colleges	
PART II. FEDERAL SUPPORT TO SELECTED NONPROFIT INSTITUTIONS	
Section 1. Federal Support to Independent Research Institutions	
Agency Distribution	
Research and development	
R&D plant	
Institutional Distribution	
Section 2. Federally Funded Research and Development Centers	
APPENDIXES:	
A. Technical Notes	
B. Statistical Tables	

HIGHLIGHTS

TOTAL FEDERAL OBLIGATIONS

- Total Federal obligations (exclusive of loans) to universities and colleges showed substantial gains in both current dollars (\$643 million constant dollars (\$416 million) from fiscal year 1971 to fiscal year 1972. The 1971-72 current-dollar increase was the largest single-year gain since 1965-66, when a 1-year jump of \$704 million was reported.
- Nearly all of the increase occurred in R&D and nonscience program gains of 19 percent and 34 percent, respectively. Other program areas as "fellowships, traineeships, and training grants" and "general support science" dropped below 1971 levels.
- In 1972, as in previous years, the Department of Health, Education and Welfare led all other Federal agencies in total funding to universities and colleges with \$2.828 billion, up 25 percent over the 1971 level.
- In 1972 the first 100 universities and colleges in total Federal funding received \$2.670 billion, some \$257 million more than in 1971. Their total funds to all institutions, however, declined from 69 percent in 1971 to 65 percent in 1972.

ACADEMIC SCIENCE OBLIGATIONS

- Federal academic science funding increased by \$256 million, or 11 percent, to a level of \$2,599 million, but continued to decline as a percentage of total Federal obligations. In 1964 academic science made up 94 percent of the total; by 1972 this proportion dropped to 63 percent. In this period, nonscience support increased sixteenfold from \$96 million to \$1,532 million.
- Federal obligations for academic research and development amounted to \$1,853 million in 1972—\$302 million higher than the total reported for 1971. This increase may be traced to HEW—up \$184 million, and the National Science Foundation—up \$118 million.
- The life sciences received \$896 million in Federal academic R&D obligations in 1972—21 percent, or \$154 million more than in 1971. Other significant R&D gains occurred in the environmental sciences which increased by \$51 million to \$187 million and in engineering which went up by \$35 million to \$193 million.
- In 1972 R&D plant funding rose \$7 million, or 23 percent—the first increase in this category since 1965.
- Federal funds for fellowships, traineeships, and training grants in the sciences and engineering declined by \$33 million to \$388 million in 1972. Dollar reductions ranging from \$5 million to \$14 million were reported by the Environmental Protection Agency, the Social and Rehabilitation Service, the Office of Education, and the National Science Foundation.

- The life sciences, with \$224 million in fellowship and training obligations accounted for 58 percent of total training funds in 1972, an increase in percentage points over the 1971 share. At the same time, the commission share of the physical sciences and engineering fell by 4 percentage points reflecting the reduction in NSF training support.

- During 1972 Federal funding of general support for science activities declined by \$16 million to a level of \$83 million. The 1971-72 decrease attributable primarily to the phasing out of the Science Development Program of the National Science Foundation.

FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS (FFRDC's)

- Federal support to university-based FFRDC's passed the billion-dollar level in 1972. The 1972 total of \$1,077 million represented an increase of 10 percent over the amount provided in 1971, the largest annual increase in the last decade. More than 56 percent of the Federal total came from the Atomic Energy Commission which distributed \$609 million among 11 centers.

SELECTED NONPROFIT INSTITUTIONS

- During 1972 the 85 independent, nonprofit research organizations in the study received \$241 million for R&D activities. In 1972, for the first time, the Department of Health, Education, and Welfare and the Department of Defense administered nearly equal shares (40 percent) of the total for the sector.
- In addition, Federally Funded Research and Development Centers managed by nonprofit institutions were awarded \$221 million in 1972, an increase of \$5 million over the 1971 total.

INTRODUCTION

Background

This report constitutes the fifth in a series of annual reports to the President and Congress, authorized by Section 3(a) (7) of the National Science Foundation Act of 1950, as amended in 1968, on Federal obligations for research and development and R&D plant at institutions of higher education and selected other nonprofit organizations. This report also represents the seventh annual report on Federal obligations for academic science and other educational activities. This latter responsibility was undertaken by the National Science Foundation (NSF) on behalf of the Federal Council for Science and Technology (FCST) which, in 1965, established the data collection system that now serves both reports.

A major portion of the report focuses on Federal obligations to universities and colleges for research and development, R&D facilities, and science education. The report examines science education in terms of three broad areas of support: fellowships, traineeships, and training grants; general support for science; and facilities and equipment for instruction in science and engineering. Data on Federal funding of nonscience activities are also given to provide a total picture of Federal support of higher education. In addition to analyses by type of activity, data are included on fields of science, agency sources of support, and geographic and institutional distribution of Federal funds.

Another part of the report, more limited in scope, contains data on Federal obligations to selected nonprofit institutions for the support of research and construction and operation of research facilities.

Scope and Limitations of Data

Data included in this report for fiscal year 1972 were reported by the following 14 Federal agencies listed by their acronyms and abbreviations used throughout this report:

AEC—Atomic Energy Commission
 AID—Agency for International Development
 Commerce—Department of Commerce
 DOD—Department of Defense
 DOT—Department of Transportation
 EPA—Environmental Protection Agency
 HEW—Department of Health, Education, and Welfare

HUD—Department of Housing and Urban Development
 Interior—Department of the Interior
 Labor—Department of Labor
 NASA—National Aeronautics and Space Administration
 NSF—National Science Foundation
 OEO—Office of Economic Opportunity
 USDA—Department of Agriculture

Excluding AEC, which reported in terms of costs, dollar amount represent actual obligations incurred by the agencies during a fiscal year regardless of when the funds were expended. Funds from the respective agencies comprised more than 95 percent of all Federal support going to institutions covered by this study. Part I of this report includes data on universities and colleges and 31 academically associated FFRDC's. Part II includes information on 85 selected research performing organizations (RPO's) managed by nonprofit institutions.

Obligations data for universities and colleges include Federal support awarded directly to individual institutions. Excluded are loans, funds for general employee training, and funds obligated to State agencies for support of higher education. This report covers total funds obligated by Federal agencies during the Government's fiscal year, beginning July 1 and ending June 30. The date of award as recorded by a Federal agency may differ from the date of award as received or accepted by an institution. For this reason, there may be strict comparability between totals reported by Federal agencies and totals computed by institutions themselves.

Other differences between Federal agency and individual institution records occur for institutions comprising university systems. In instances an agency cannot report an award in terms of the individual institution receiving the funds and, consequently, must include the award under a systemwide entry entitled "central system" or "system." "Central system" totals in this report amounted to \$51 million obligated in fiscal year 1972.¹ Although these total obligations represent 10 percent of Federal obligations to all U.S. institutions of higher education, undistributed obligations may be substantial in relation to individual institutions. The effect on some individual institutional totals can be significant since obligations reported for member institutions of a system are stated to the extent that "central system" obligations work down to

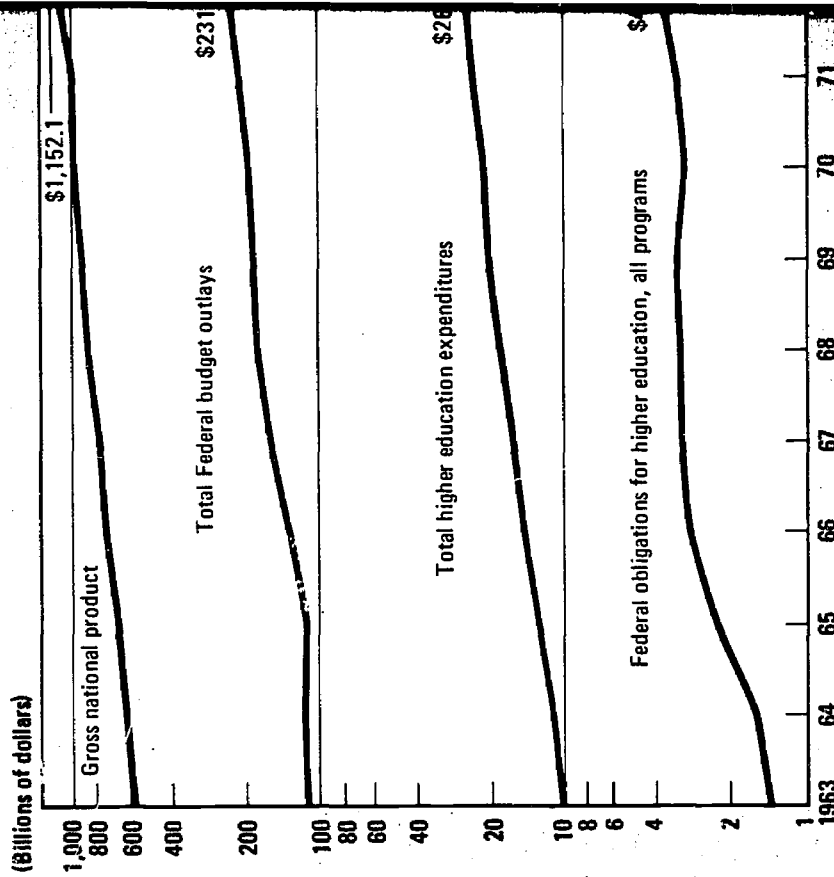
¹ A list of the 27 systems receiving obligations in fiscal year 1972 can be found in the technical appendix A, p. 38. Dollar amounts are shown in appendix tables B-28, B-29, and B-30.

Part I

FEDERAL SUPPORT TO UNIVERSITIES AND COLLEGES

Section 1. TOTAL, ACADEMIC SCIENCE, AND R&D ACTIVITIES

Trends in Federal support of higher education compared with other economic variables, FY 1963-72



Economic indicator	Average annual growth (Percent)		
	1963-67	1967-70	1970-71
Gross national product	8	7	8
Total Federal budget outlays	9	8	8
Total higher education expenditures	15	14	13
Federal obligations for higher education, all programs	24	-1	8

SOURCES: Department of Commerce; National Science Foundation; Office of Education; and Office of Management and Budget.

This section of the report is organized in three parts corresponding to three levels of Federal funding: (1) total Federal support; (2) Federal funding of academic science activities; and (3) Federal support for academic research and development. The detail covers trends in Federal higher education support, agency sources of support, and geographic and institutional support patterns. In addition, field of science information is provided for R&D activities.

Total Federal Support

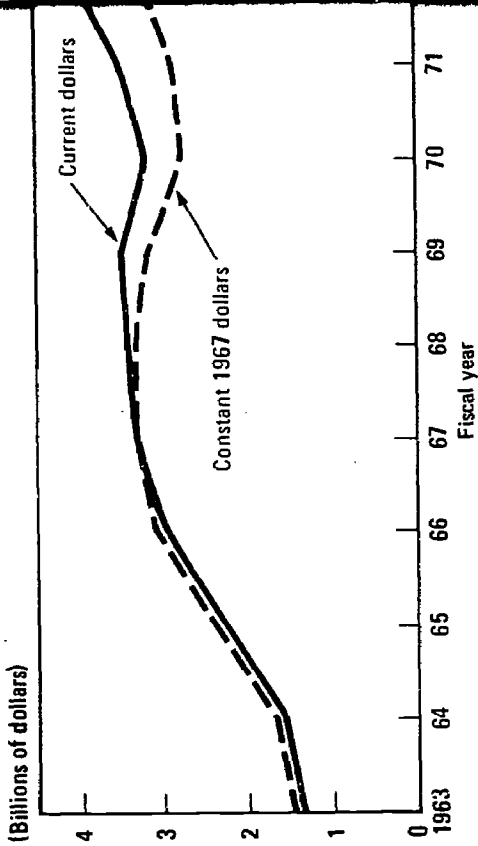
TRENDS

Total Federal funds to universities and colleges increased nearly threefold in the last nine years, from \$1.4 billion in 1963 to \$4.1 billion in 1972.¹

The accompanying chart presents comparisons of annual growth between Federal funding of higher education and various other economic indicators from 1963-72, including gross national product (GNP), total Federal budget outlays, and total higher education expenditures. In the 1963-67 period—and again between 1971 and 1972—Federal support to academic institutions grew somewhat faster than any of these other indicators. Over the 1967-70 period, however, Federal academic funding showed an average annual decline of 1 percent while other indicators were rising at an annual rate of 7 percent to 14 percent.

¹ Data are based on obligations from Federal agencies in each indicated year, including funds which may be expended in future years. In this regard, it should be noted that some \$460 million in 1972 obligations to academic institutions reported by the Office of Education (OE) for College Work Study and Educational Opportunity Grants represented initial "forward funding," i.e., funds obligated in 1972 but designated for use in 1973. Since both of these programs are classified as nonscience activities, none of the academic science increases are affected by the first time "forward funding" of these two programs. Also, one should note that 1971-72 dollar changes for research and development, academic science, and total obligations to academic institutions cited in this report are based, in part, on 1971 figures that are \$7.2 million higher than those previously published. This results from an adjustment in the 1971 Department of Defense report for the Massachusetts Institute of Technology.

Federal obligations to universities and colleges

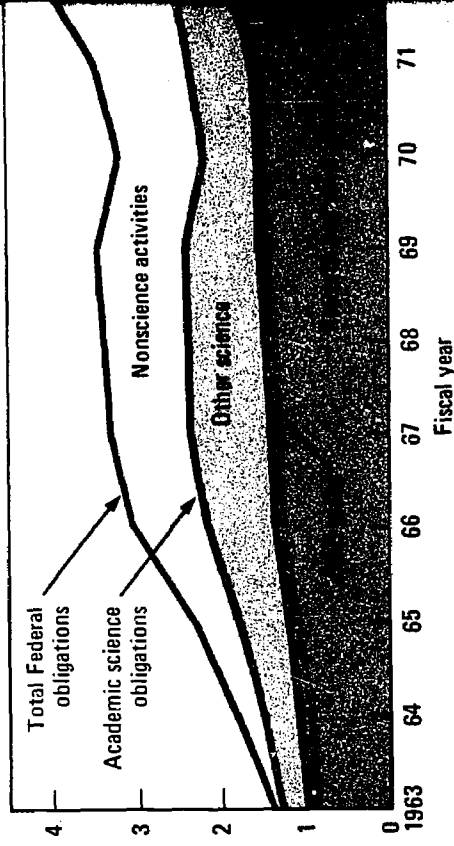


Of particular importance is the relationship of the level of Federal funding of universities and colleges to the level of total expenditures by institutions of higher education. Over the 1963-72 period total higher education expenditures rose from \$8.2 billion in 1963 to an estimated \$26.4 billion in 1972. During this period the share of Federal funding increased from 17 percent in 1963 to 24 percent in 1966; fell to less than 15 percent by 1971; and rose slightly to 16 percent in 1972—still below the 1963 proportion.

From 1963-72 the trend in total Federal support for higher education may be viewed in three stages: (1) a period of rapid growth between 1963 and 1967; (2) a period of stabilization or slight decline from 1967-70; and (3) accelerated growth between 1970 and 1972. In current dollars the period 1970-71 to 1971-72 shows yearly gains of 8 percent and 18 percent, respectively.

Similar trends may be noted for the two largest components of total funding, research and development, and nonscience activities.

Growth by type of program



Type of program	Average annual growth (Percent)		Percent change 1970-71	Percent change 1971-
	1963-67	1967-70		
Total	+24	- 1	+ 8	+18
Academic science	+15	- 2	+ 7	+11
Research and development	+12	+ 4	+ 7	+19
R&D plant	+ 1	-26	-33	+23
Other science	+23	- 8	+ 9	- 7
Nonscience activities	+84	+ 2	+10	+34

SOURCE: National Science Foundation

AGENCY DISTRIBUTION

The Department of Health, Education, and Welfare (HEW), the principal Federal sponsor of higher education programs, awarded \$2,828 million to universities and colleges in 1972—25 percent more than the 1971 total. The 1972 increase of \$565 million continued an upward funding trend that began in 1970 and is, in part, attributable to the “forward funding” of certain Office of Education (OE) programs as previously noted. The two major constituent agencies within HEW—the National Institutes of Health (NIH) and OE, with respective obligations of \$1,356 million and \$999 million—reported 1971-72 increases of \$202 million (17 percent) and \$301 million (43 percent), respectively. The National Cancer Institute received nearly one-third of the NIH dollar increase, the largest 1972 increment among the 10 component institutes of NIH.

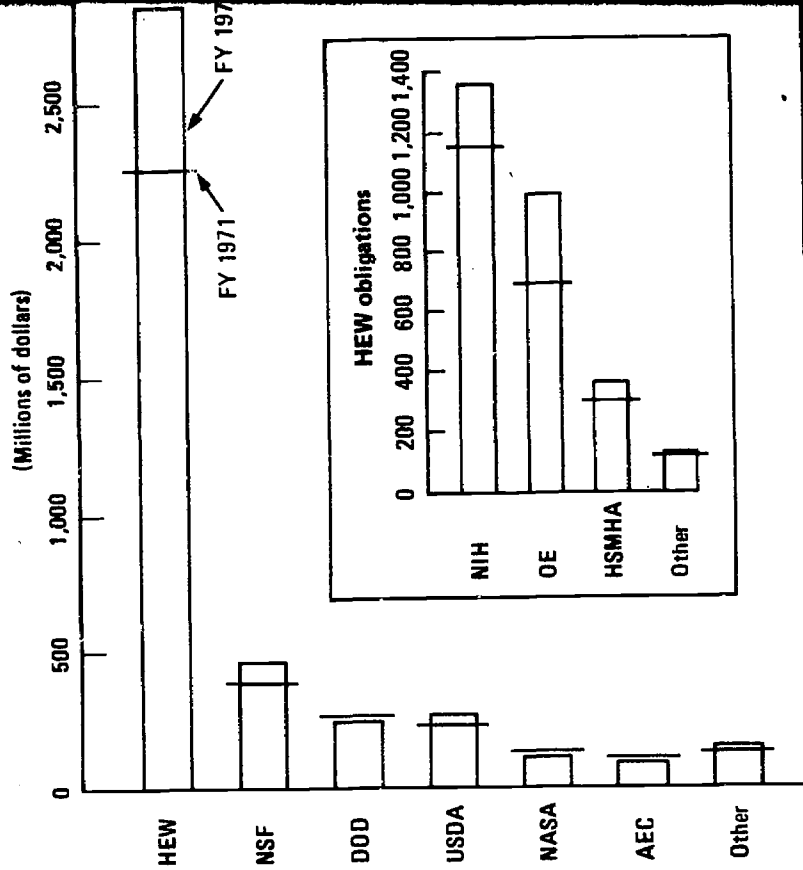
Obligations by NSF, which ranks second in academic support, increased in 1972 by \$71 million (18 percent) to \$459 million—the largest yearly increase for the Foundation in the 1963-72 period in both absolute and relative terms.

The 1972 HEW and NSF funding increases brought the combined share of these two agencies from 76 percent of the Federal total in 1971 to 80 percent in 1972.

Three of the four other major support agencies reported lower totals in 1972: The Department of Defense (DOD), the National Aeronautics and Space Administration (NASA), and the Atomic Energy Commission (AEC). These three showed a combined decrease of \$31 million, or 6 percent. Since 1969 there has been a continuous decline in both DOD and AEC support.

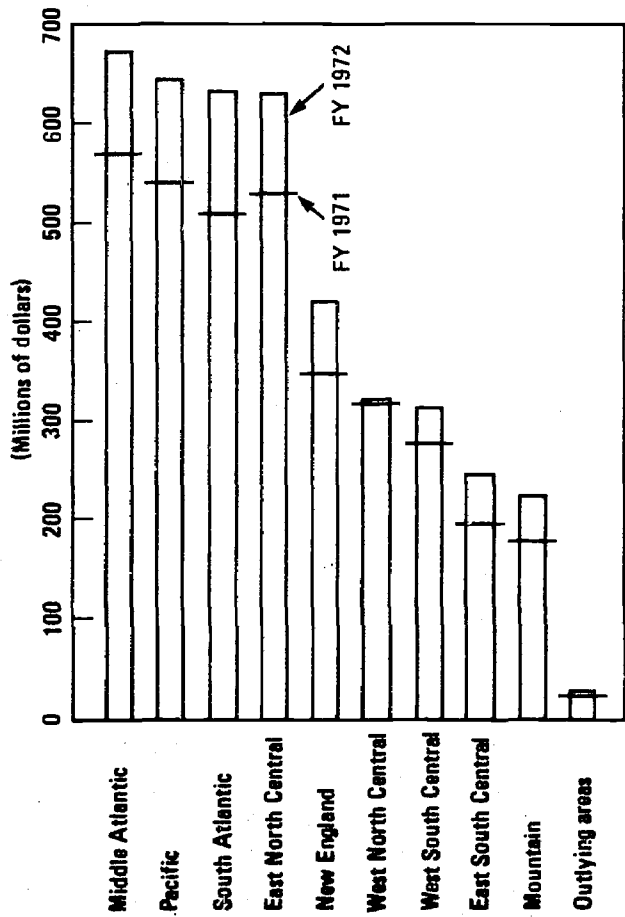
The Department of Agriculture (USDA), fourth in total obligations to universities and colleges with \$239 million, evidenced a \$24 million gain, or 11 percent, in 1972.

Total Federal obligations to universities and colleges, by agency



SOURCE: National Science Foundation

Total Federal obligations to universities and colleges, by geographic division



SOURCE: National Science Foundation

GEOGRAPHIC DISTRIBUTION

The concentration of Federal higher education funds within the two leading geographic divisions did not change measurably during the 1971-72 period. The proportion of total support accounted for by the two divisions receiving the largest amounts—the Middle Atlantic and Pacific—remained at 32 percent from 1971-72, with each receiving approximately 16 percent of the total.

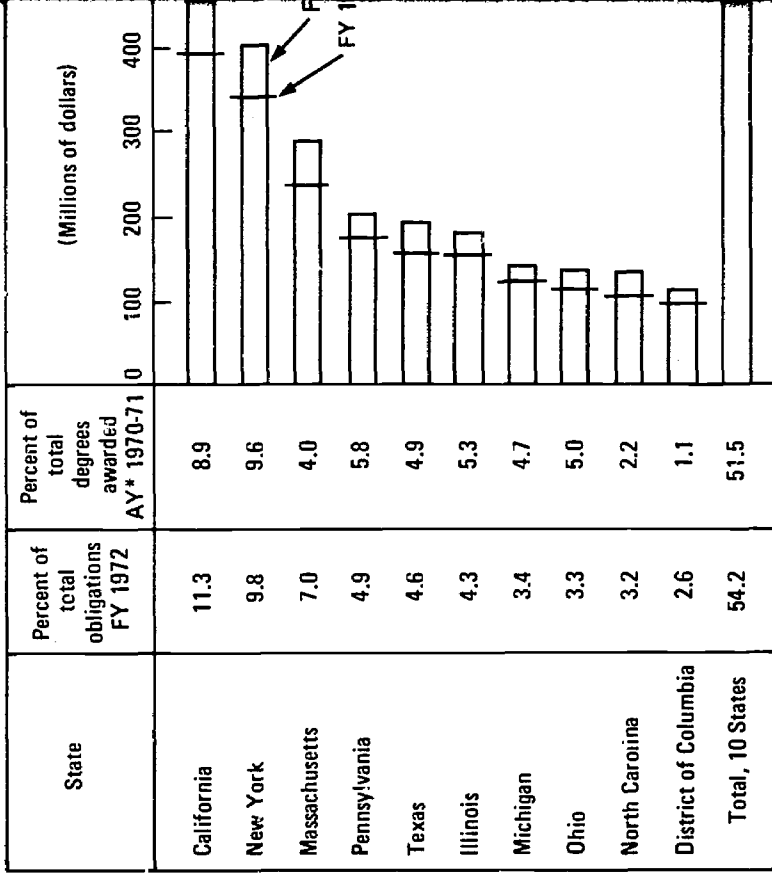
Slight changes in the national distribution occurred among some of the other divisions. The West North Central division, which showed the slowest divisional growth rate during 1971-72, evidenced a small decline of its share of the national total. The South Atlantic division increased its share of total support with a \$124 million increase in 1972 funds, the largest dollar gain among the nine divisions.

In 1972, as in the previous year, universities and colleges in the 10 largest recipient States accounted for 54 percent of total Federal funding. From 1971 to 1972 the composition as well as the rank order of States within the leading 10 group remained the same.

All 10 States registered gains in this period, ranging from nearly 25 percent in the District of Columbia to 25 percent in North Carolina. In all terms, the largest increases were reported for the three highest ranking States—California, New York, and Massachusetts.

In the total for the 10 leading States, the flow of funds and the distribution for degree production follow the same pattern, with a variance in individual States. Institutions in the first 10 States which received 54 percent of total Federal obligations awarded 52 percent of academic degrees during 1970-71. Also eight of the first 10 States in terms of degrees granted rank among the first 10 States in terms of total Federal aid. Only two of the States, California and Massachusetts, evidenced a difference of over 2 percentage points between their total support and earned proportions.

Total Federal obligations to universities and colleges in the 10 States receiving the largest amounts compared to total degrees awarded



* Academic year
SOURCE: National Science Foundation

INSTITUTIONAL DISTRIBUTION

Federal obligations to universities and colleges continue to be highly concentrated, with 4 percent of the institutions receiving 67 percent of the funds in 1972. From 1971-72, however, there was notable upward movement of the lowest ranking institutions. The number of institutions receiving less than \$100,000 declined by 31 percent, from 1,028 in 1971 to 706 in 1972, while the number of institutions in the \$100,000 to \$499,000 size class increased by 29 percent, from 800 in 1971 to 1,031 in 1972. Much of this growth may be attributed to exceptionally high funding levels for nonscience activities, part of which consisted of initial "forward funding" in the educational opportunity grants and college work-study programs administered by OE.

Number of universities and colleges receiving Federal obligations, ranked by size of Federal program: fiscal year 1972.

[Dollars in thousands]

Size of Federal program	Total obligations		Institutions	
	Amount	Percent distribution	Number	Percent distribution
Total	\$4,079,899 ¹	100.00	2,413	100.00
\$10 million or more	2,721,300	66.70	105	4.35
\$5 million to \$9.9 million	384,537	9.43	54	2.24
\$1 million to \$4.9 million	509,823	12.50	261	10.82
\$500,000 to \$999,000	182,986	4.49	256	10.61
\$100,000 to \$499,000	247,531	6.07	1,031	42.73
Less than \$100,000	33,722	.83	706	29.26

¹Does not include \$50,662,000 reported under central offices of university systems (central systems); these funds could not be tabulated for individual member institutions and, therefore, were excluded from this table.

Source: National Science Foundation.

The 100 academic institutions receiving the largest amounts of Federal funding in 1972 accounted for \$2,670 million. Although the first-100 total went up by 11 percent in 1972, their share of total funding declined from 69 percent in 1971 to 65 percent in 1972. Of the \$257 million increase in obligations to the first 100 institutions, \$78 million, or 30 percent, went to the first 10 universities.

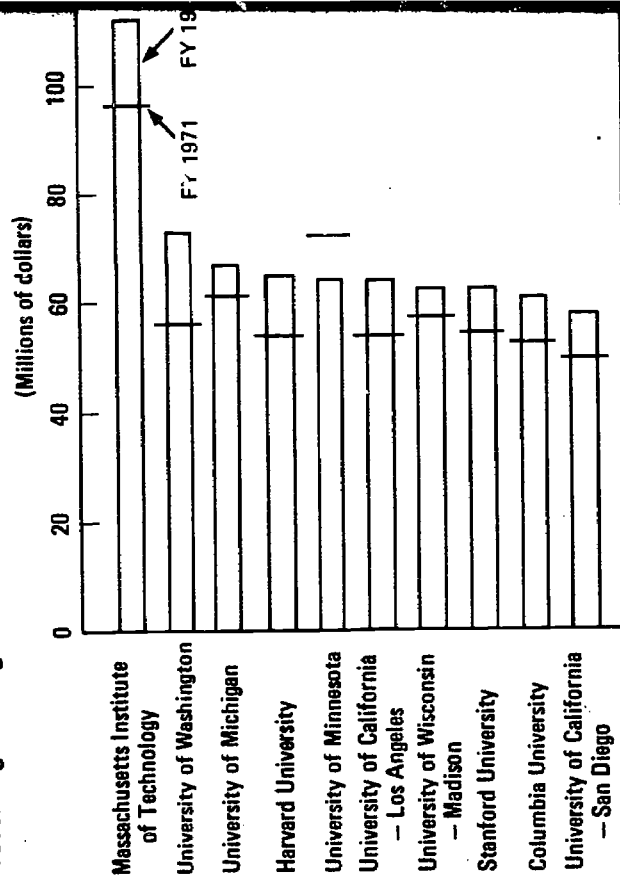
Nine of the leading 10 academic institutions showed increased support from 1971 to 1972 with the largest gains reported for the University of Washington (\$17 million) and the Massachusetts Institute of Technology (\$16 million).

The \$8 million decline in University of Minnesota funds reflects a move to a more typical support level from the unusually high level of funding in 1971 that was attributable to a large health science facilities construction award.

When the distribution of Federal funds to universities and colleges is compared with the distribution of other variables, such as number of degrees awarded, the first 100 universities and colleges in Federal funding show a wide gap. For example, the first 10, 50, and 100 institutions account for 17, 48, and 65 percent, respectively, of total obligations, and only 5, 23, and 32 percent of total degrees conferred.

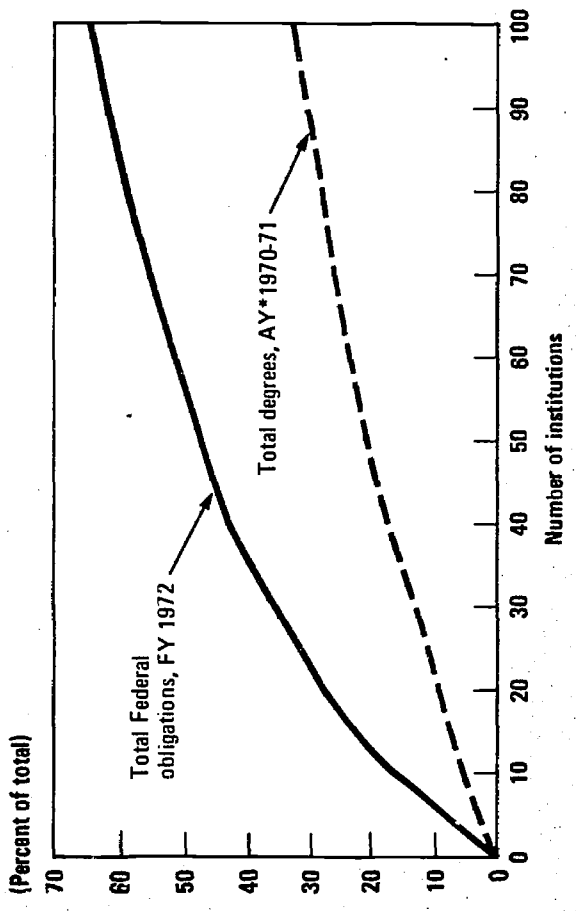
² Bachelor's degrees, or higher, academic year 1970-71.

Total Federal obligations to the 10 universities receiving the largest amounts

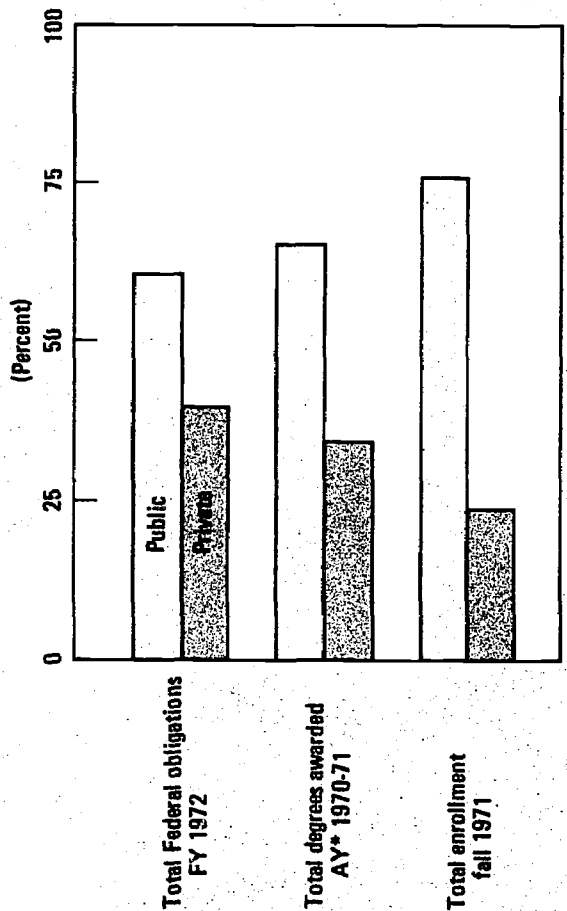


SOURCE: National Science Foundation

Distribution of total Federal obligations to the 100 universities and colleges receiving the largest compared to total degrees awarded



Federal obligations to universities and colleges compared to total degrees awarded and total enrollment, by type of control



*Academic Year
SOURCE: National Science Foundation; Office of Education

As shown below, the funding pattern for the leading 100 institutions closely parallels the output of Ph.D. degrees in the sciences and engineering than total degrees in all fields, indicating their extensive involvement in research and graduate science education.

	First 10	First 50	First 100
Percent of total obligations, FY 1972	17	48	65
Percent of S&E doctorate degrees, academic year 1970-71	18	58	80

The distribution of nonscience support, however, is closely allied to degree production. The first 10 institutions in terms of total funds accounted for 5 percent of both nonscience support and total degrees conferred. For the first 100 institutions, the proportions were 37 percent of science obligations and 32 percent of total degrees granted.

CONTROL OF INSTITUTION

In 1972 institutions under public control received 60 percent of total obligations. Public institutions also dominate in terms of higher education enrollment and earned degrees, accounting for 76 percent of the total enrollment and 65 percent of all degrees conferred during 1970-71. The same pattern of support concentration characterizes the leading recipients of Federal support. In 1972 the 66 public institutions in the top 100 group accounted for 59 percent of the funds awarded to the first recipients.

During 1972 the 1,267 private universities and colleges receiving Federal funds were awarded \$1,643 million, a 19-percent increase over the 1971. Public institutions, numbering 1,146, received \$2,487 million in 1972, a 18 percent. Both groups also evidenced an increase in recipient population. From 1971 to 1972 the number of private institutions participating in Federal support programs increased by 25, while the number of public institutions participants increased by 20.

Although private institutions receiving Federal support in 1972 numbered public institutions, 38 percent of the private institutions awarded less than \$100,000. In contrast, less than 20 percent of the institutions fall within the lowest support class. Moreover, 69 public institutions received over \$10 million in 1972, nearly double the number of private universities and colleges in that size category.

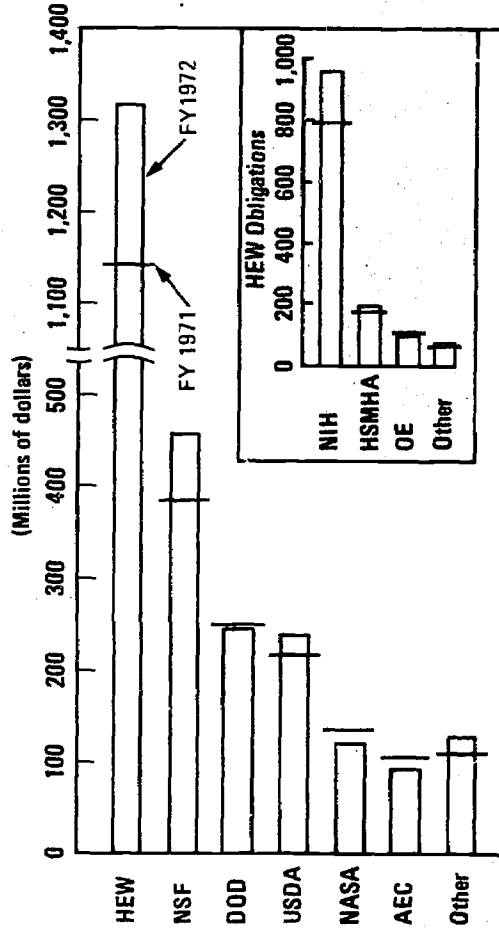
Academic Science Support

Federal academic science funding increased by 11 percent from 1971-72 to \$2,599 million. Despite this sizable dollar gain the relative level of academic science funding declined for the eighth consecutive year—from a high of 94 percent of total Federal support in 1964 to 63 percent in 1972. Over this period nonscience funding expanded from \$96 million to \$1,532 million, or from 6 percent to 37 percent of total Federal support to institutions of higher education. Much of the growth in nonscience support may be traced to the rise in funding for OE student assistance and institutional development programs, which traditionally have been considered to be outside the sphere of academic science activities.

HEW continued to be the leading source of academic science funds, obligating \$1,318 million in 1972. Of this amount, NIH contributed \$962 million, or 73 percent of the HEW academic science total. OE, by contrast, obligated \$92 million, or 7 percent of the HEW academic science amount. The variance in the degree to which these agencies are "science" oriented is demonstrated by the fact that 71 percent of NIH's funds are reported under academic science categories while only 9 percent of OE's obligations are classified in this area.

The overall academic science increase during 1972 resulted primarily from higher HEW- and NSF-support levels. In the 1971-72 period, these two agencies registered respective gains of \$176 million and \$71 million.

Federal obligations for academic science, by agency



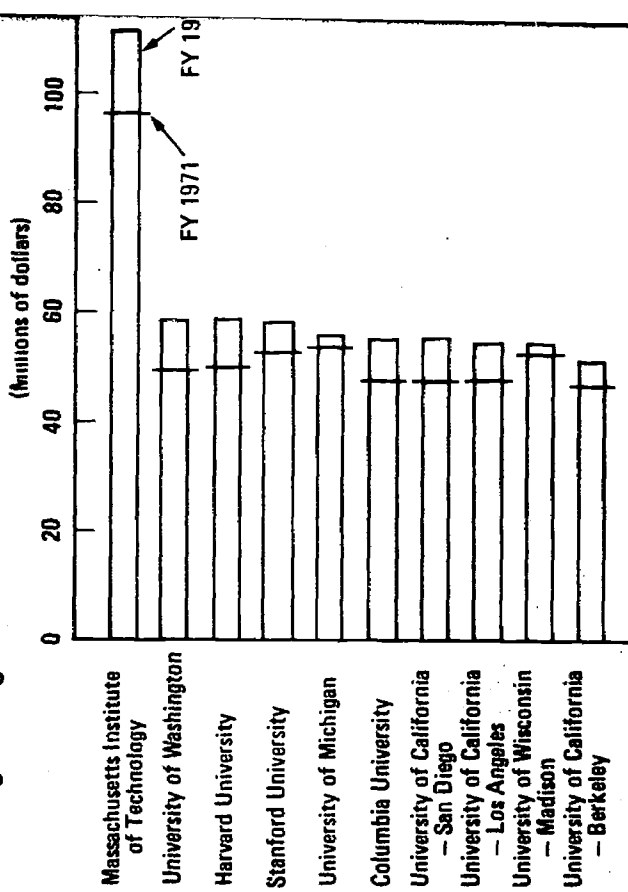
SOURCE: National Science Foundation

Institutions granting Ph.D. degrees in the sciences and engineering awarded 92 percent of the academic science obligation total in fiscal 1972. The Ph.D. granting recipients of academic science support numbered 239 in 1972, representing 17 percent of the 1,413 universities and colleges receiving funds for academic science activities. Interestingly, in that year 50 percent of Federal nonscience total was obligated to Ph.D. granting institutions.

In 1972 support levels for each of the top-10 recipients of academic science funding were higher than the totals reported for 1971. Massachusetts Institute of Technology, the leading recipient since this began in 1963, evidenced the largest dollar gain in 1972, increasing by a million to \$112 million, nearly 90 percent above the amount for the University of Washington which ranked second at a level of \$59 million. Washington's 1972 total represented an increase of 19 percent over 1971, the greatest relative gain within the leading-10 group.

HEW was the primary funding source for eight of the leading-10 institutions. The two exceptions were MIT which received 42 percent of its academic science support from DOD and the University of California at San Diego which received 40 percent of such support from NSF.

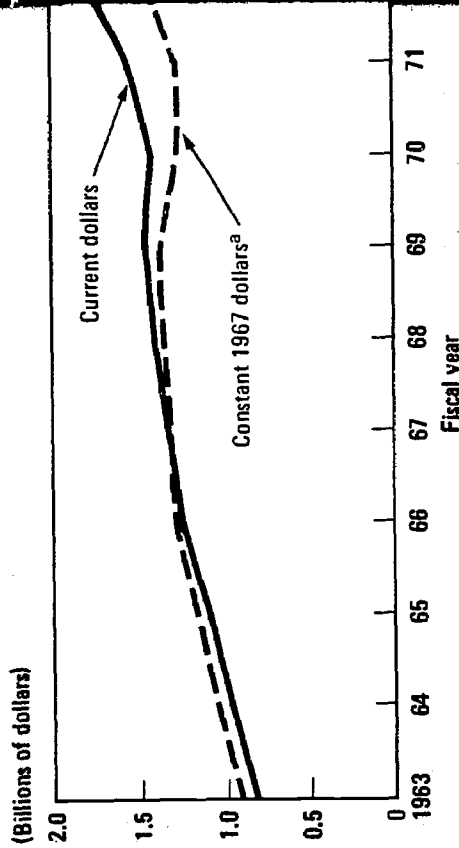
Federal obligations for academic science to the 10 universities receiving the largest amounts



SOURCE: National Science Foundation

Federal R&D obligations to universities and colleges

Trends



In 1972 Federal support of academic research and development reached \$1,853 million, a \$302 million, or 19-percent increase over the amount invested in 1971. When measured in constant 1967 dollars, the 1972 R&D total represents a 15-percent increase over 1971, and is 9 percent above the previous high registered in 1969.

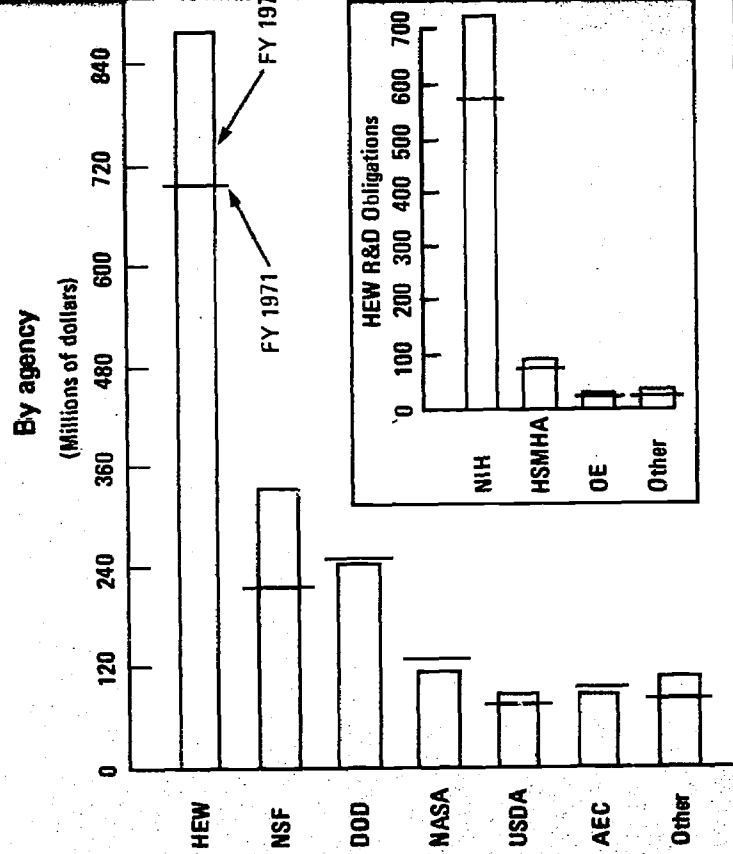
In the 1963-72 period, the university-and-college share of total Federal R&D obligations has risen steadily from 7 percent in 1963 to over 11 percent in 1972, indicating the expanded role of the academic sector in federally sponsored research and development.

The 1972 rise in Federal R&D obligations to universities and colleges was reflective of accelerated funding on the part of HEW and NSF which reported increases of \$184 million and \$118 million, respectively. Other changes in agency support levels during the 1971-72 period offset each other. The largest decline in R&D obligations was registered by NASA—down \$16 million to \$112 million.

NIH accounted for \$151 million, or 82 percent, of the 1972 increase in HEW funds, reflecting primarily increased support in the areas of cancer and heart and lung research.

The 54-percent increase for NSF in 1972 brought that agency's R&D total to \$335 million. In 1972, for the first time, NSF ranked second among the 14 agencies supporting university research, replacing DOD which had held that position since 1963.

Both HEW and NSF, as a result of their extensive growth during this period, significantly increased their shares of the Federal academic R&D obligations total. HEW's share rose from 45 percent of the total in 1971 to over 47 percent in 1972, while NSF's share climbed by 4 percentage points to 18 percent.



^aThe GNP implicit price deflator was used to convert from current to constant dollars.
SOURCE: National Science Foundation

FIELD OF SCIENCE

Within the academic sector, the life sciences continue to be the largest area of R&D activity. Proportional support to the life sciences remained relatively constant at 48 percent from 1971 to 1972, although the dollar investment in this field increased by 21 percent (\$154 million) to \$896 million. Over 93 percent of the 1971-72 increase in life sciences support was provided by HEW which funds nearly four-fifths of the research in this field.

The physical sciences, second among major fields in R&D funding, received \$279 million during 1972—\$8 million more than in 1971. Because funding of other fields grew more rapidly in this period, the relative support level of the physical sciences fell from 17 percent to 15 percent. Reduced growth in this area can be attributed mainly to a decline in DOD support which partially offset the sizable gain in NSF funds. Included in the 1972 NSF increase are funds for the National Magnet Laboratory at MIT, formerly funded by DOD.

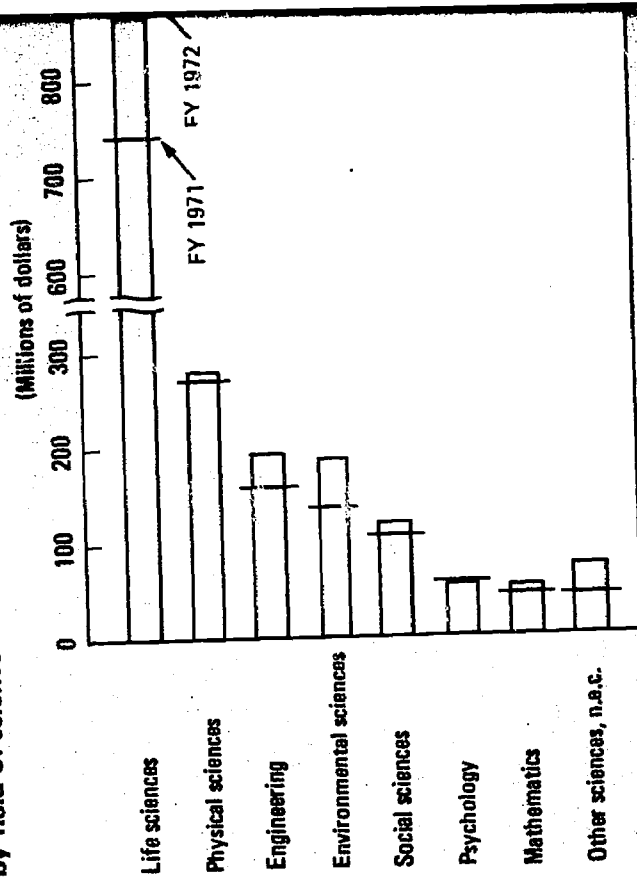
The level of Federal research support in engineering increased from \$158 million in 1971 to \$193 million in 1972. The National Science Foundation evidenced a two-fold increase in engineering funds and accounted for four-fifths of the 1972 gain in engineering support. NSF's higher support level reflects the transfer of 12 Materials Research Laboratories from DOD to the Foundation. Prior to the transfer in 1972, funds for these laboratories had been classified primarily under the physical sciences.

The environmental sciences reflected the largest relative gain from 1971 to 1972, rising by one-third to a level of \$187 million. Increased dollar support in 1972 came primarily from NSF which awarded \$77 million for the support of projects in this field. Two-thirds of NSF's \$33 million increase was directed to expanded research efforts in oceanography.

Obligations to the social sciences amounted to 6 percent of the academic R&D total in 1972, nearly the same proportion as in the previous fiscal year. Both HEW and NSF, the leading sources of support in this field, contributed to the \$14 million increase in social sciences R&D funds.

Psychology and mathematics each represented 3 percent of the R&D total in 1972. While R&D support for mathematics rose by \$9 million, or 21 percent, psychology support dropped by \$1 million. Psychology was the only major field to show a decline during 1972.

Federal R&D obligations to universities and colleges,
by field of science



SOURCE: National Science Foundation

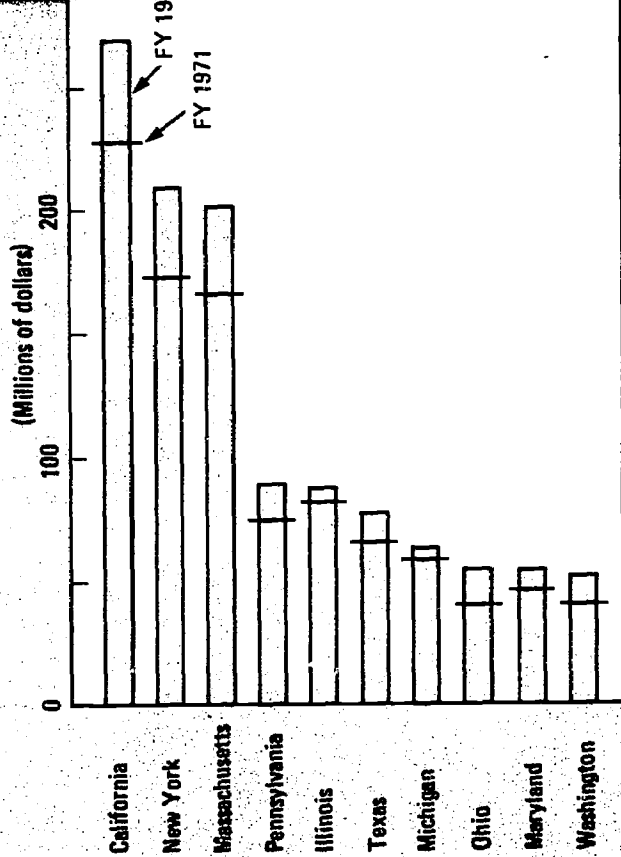
GEOGRAPHIC DISTRIBUTION

The 10 States leading in academic R&D support received \$1,155 million in 1972—62 percent of total funds. Each State within the leading-10 group evidenced a gain from 1971 to 1972 and together these 10 States accounted for over three-fifths of the overall funding increase in 1972.

Eight of the 10 highest-ranking States in 1972 were among the 10 leaders in the previous year. Ohio, which re-entered the leading group in 1972, showed the largest relative increase in Federal R&D funds, rising by one-third to \$54 million in 1972. Washington, which registered a 31-percent increase from 1971 to 1972 (the second largest gain), ranked among the 10 leaders for the first time.

Since 1963, when this statistical series began, California, New York, and Massachusetts have retained the three leading positions. In 1972, however, Pennsylvania replaced Illinois for the first time as the fourth-ranking State. In 1972 R&D obligations to academic institutions in Pennsylvania increased by 17 percent, while funds to schools in Illinois rose by less than 7 percent, the smallest increase among the leading 10 States.

Federal R&D obligations to universities and colleges in the 10 States receiving the largest amounts



SOURCE: National Science Foundation

INSTITUTIONAL DISTRIBUTION

Of the 2,413 institutions of higher education receiving Federal funds in 1972, one out of every four—637 institutions—received support for research and development. The 637 institutions performing federally supported research and development in 1972 represent an increase of 70 over the number in 1971, the first increase in the R&D recipient population since 1968.

In 1971 Federal support for R&D activities was provided to 234 Ph.D. degree-awarding institutions, 13 more than the number of Ph.D.-granting recipients in 1971. On the other hand, between 1971 and 1972 R&D recipients not awarding the Ph.D. increased by 57, indicating that institutions awarding science and engineering degrees below the doctoral level are participating to a greater extent in Federal research programs.

Ninety-four percent, or \$1,751 million, of the Federal total for academically based research and development was awarded to institutions granting Ph.D. degrees in the sciences and engineering. These same 234 Ph.D.-granting institutions also accounted for 94 percent of the 1971-72 increase in Federal R&D funds.

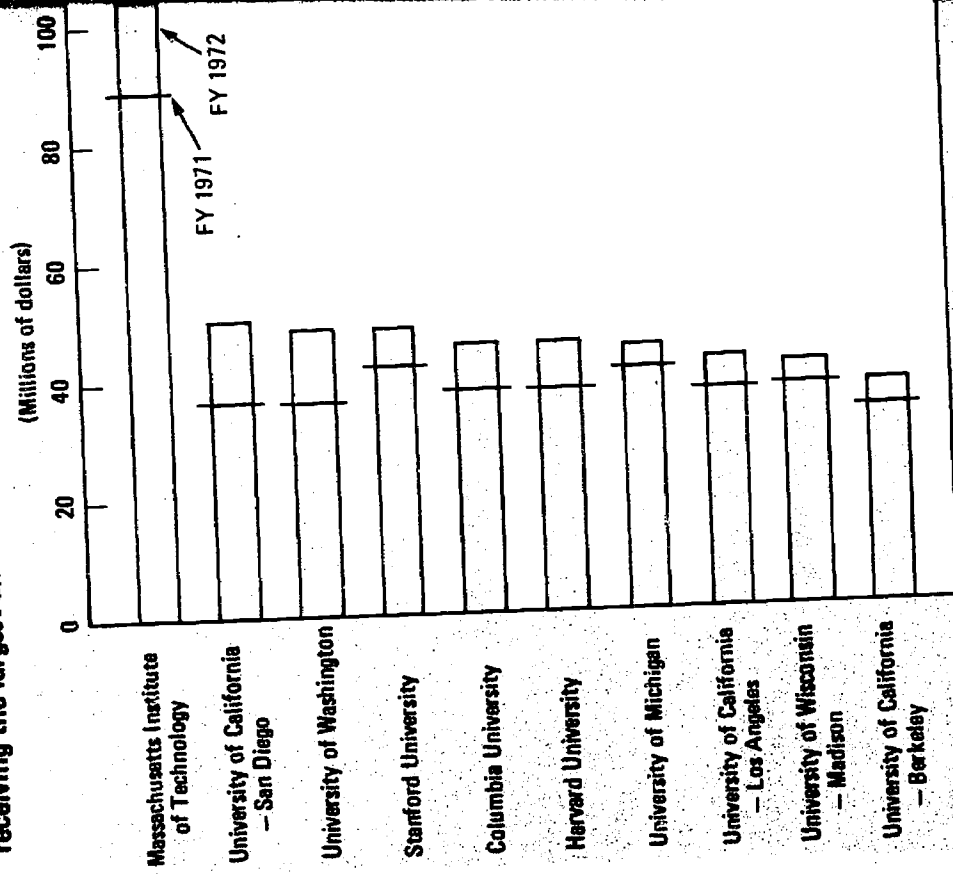
In both 1971 and 1972 the same 10 institutions comprised the group of 10 leading R&D recipients. In 1972, as in 1971, 27 percent of the academic R&D total was allocated to the first 10 institutions.

Each of the leading 10 recipients shared in the overall 1972 increase in R&D funding and together they accounted for 27 percent of the total gain during 1972. Within this group dollar increases ranged from \$16 million for MIT to less than \$4 million for the University of Michigan.

During 1972 Federal agencies awarded a total of \$105 million to the leading research performer, MIT, and in 1972 MIT became the first university to receive over \$100 million in R&D funds. Three-fourths of the 1972 increase in MIT funds came from DOD.

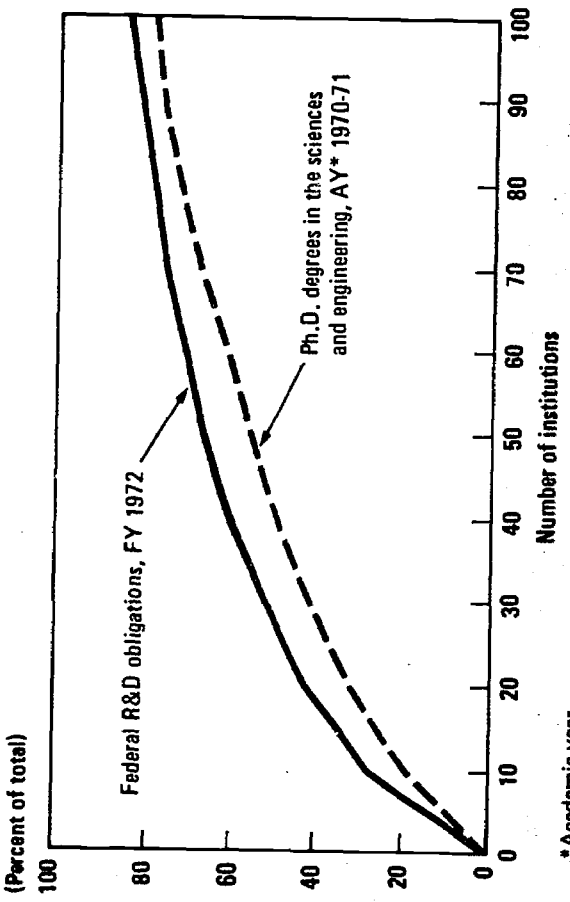
The University of California at San Diego and the University of Washington, ranking second and third, registered the largest relative gains in this period, increasing by 37 percent and 34 percent, respectively. While NSF was the primary contributor to the rise in R&D obligations to the University of California, increased HEW funding brought the University of Washington to a higher support level in 1972.

Federal R&D obligations to the 10 universities receiving the largest amounts



SOURCE: National Science Foundation

Distribution of Federal R&D obligations to the 100 universities and colleges receiving the largest amounts compared to Ph.D. degrees awarded in the sciences and engineering



* Academic year
SOURCE: National Science Foundation

When compared with doctorates awarded in the sciences and engineering, Federal academic research funds show a somewhat greater concentration. In 1972 the 100 leading universities and colleges in terms of R&D funds received 85 percent of the Federal academic R&D total, but granted less than 80 percent of all the Ph.D. degrees awarded in science and engineering during 1970-71. For the first 10 institutions, the variance was even greater: these 10 institutions accounted for 27 percent of the R&D funding total, while awarding only 19 percent of the degrees.

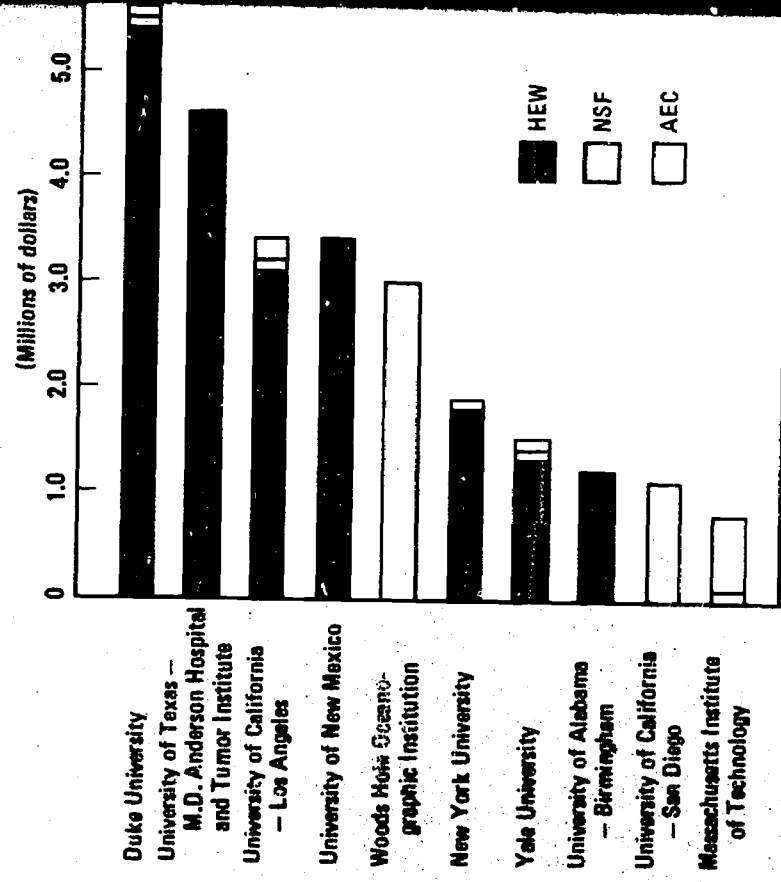
The concentration of both R&D obligations and Ph.D. degrees within the group of 100 leading recipients continued to lessen. The 100 highest-ranking R&D institutions received 85 percent of the funds in 1972, compared to 86 percent in 1971, and 88 percent in 1967. A similar trend characterized the degree-distribution pattern during this period. In 1967 the 100 institutions accounted for 90 percent of the science doctorates, but by 1971 this proportion had declined to 82 percent and was 80 percent in 1972.

R&D Plant

During 1972 Federal agencies awarded \$37 million to academic institutions for R&D facilities and equipment, an increase of \$7 million over amount provided in 1971. This marks the first increase in this category since 1965. Virtually all of the 1972 gain resulted from increased funding on the part of HEW for a new construction grant program initiated in 1972 by the National Cancer Institute (NCI). NCI awards for the construction of cancer research facilities totaled \$22 million in 1972, accounting for 60 percent of 1972 academic R&D plant funds. Seven of the nine NCI grant ranked within the group of 10 leading R&D plant recipients. Duke University the largest NCI recipient, received \$5.4 million for construction of a five basic cancer research facility and an animal laboratory isolation facility.

Other sources of Federal R&D plant support in 1972 were NSF \$11 million; AEC, \$4 million; and NASA, \$575,000.

Federal obligations for R&D plant to the 10 universities and colleges receiving the largest amounts, FY 1972



SOURCE: National Science Foundation

Section 2. SCIENCE EDUCATION ACTIVITIES

Within the context of science education is a broad spectrum of activities ranging from comprehensive and flexible general-support programs which are designed to improve overall institutional capabilities in science education and research to categorical programs which include (1) the advanced training of individuals through fellowships and traineeships; (2) the improvement of science instruction at all educational levels by upgrading curricular materials, methods of teaching, and the education of teachers; and (3) the provision of modern instructional facilities and equipment. Also, research conducted in the Nation's universities and colleges is in itself an integral part of the science education process in that it is a major source of new and innovative ideas and, at the same time, it provides training experience for future scientists and engineers.

This section of the report provides funding information for those science education activities that are classified separately in this reporting system. These include fellowships, traineeships, and training grants; general support for science; and facilities and equipment for instruction in science and engineering.

Fellowships, Traineeships, and Training Grants

Through direct support mechanisms as fellowships, traineeships, and training grants the Federal Government annually assists a significant number of individuals pursuing advanced training in the sciences and engineering. During fiscal year 1972 Federal agencies provided a total of \$388 million for such activities, \$33 million less than in 1971. This 1971-72 drop was the largest in the 1969-72 period. The retrenchment in support for graduate education can be attributed in part to the initiation of a government policy to reduce the Federal role in graduate training and to shift to some extent the funding mechanism from that of direct support through fellowships and traineeships to indirect support through employment on research projects.

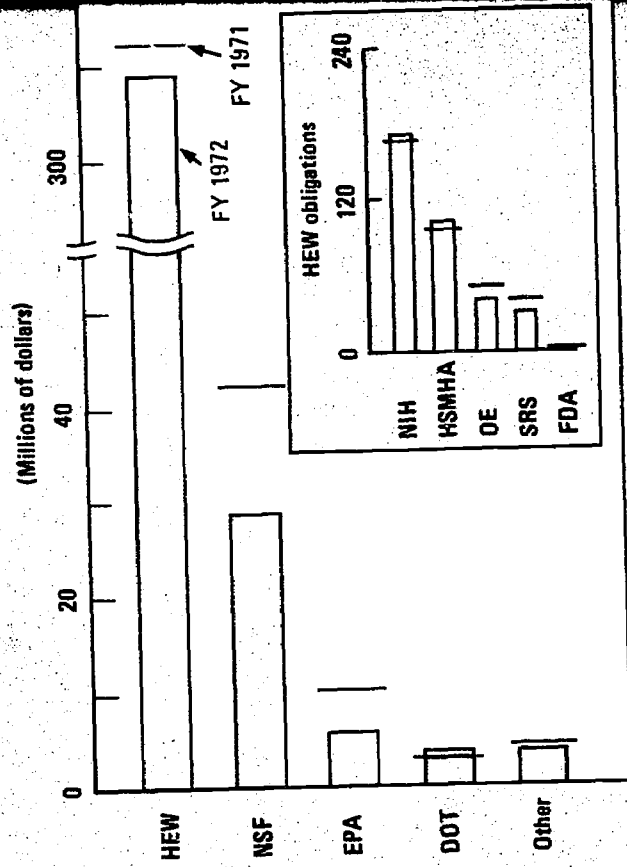
The effect of the downward funding trend on graduate student enrollment patterns in the sciences is reflected in data from an NSF survey¹ which showed that in the 1971-72 period the number of federally supported full-time graduate students declined by 10 percent. It should be noted that overall graduate science enrollment dropped by less than 2 percent, reflecting increases in the number of institutionally supported students and self-supported students which partially offset the decrease in students supported through Federal programs.

¹ National Science Foundation, Graduate Science Education: Student Support and Postdoctorals, Fall 1972 (NSF 73-315) (Washington, D.C. 20402: Supt. of Documents, U.S. Government Printing Office), 1974.

AGENCY DISTRIBUTION

Federal obligations for training in the sciences are provided primarily through the activities of the Department of Health, Education, and Welfare. In 1972 HEW funds for fellowship and training grant programs amount to \$347 million, nearly 90 percent of the Federal training total. HEW's 1972 programs represented an increase of 4 percentage points over the share shown prior three years. Although HEW experienced an overall loss in 1972 of \$1 million, the two largest supporting agencies within the Department, the National Institutes of Health at \$171 million and the Health Services and Health Administration at \$104 million, registered respective gains of \$12 million and \$5 million. By comparison, funds for OE programs were reduced by \$12 million during 1972 to a level of \$41 million, and those of the Social Rehabilitation Service by \$10 million to \$30 million.

Federal obligations to universities and colleges for fellowships, traineeships, and training grants, by agency



SOURCE: National Science Foundation

NSF reduced its level of support from \$42 million in 1971 to \$29 million in 1972, a continuation of the declining trend that became evident in 1970 when the phaseout of the Foundation's Graduate Traineeship Program was begun. Also contributing to the decline in NSF funding was the reduction in the number of fellowship awards.

Of the other five agencies sponsoring academic science training programs, only two—the Environmental Protection Agency (EPA) and the Department of Transportation (DOT)—showed a significant change in support levels between 1971 and 1972.

The fellowship and training grant program of EPA dropped by nearly one-half to \$6 million during 1972, the largest relative decline among the seven agencies reporting funds for scientific manpower programs.

On the other hand, DOT posted a 22 percent, or \$600,000, gain in training funds.

FIELD OF SCIENCE

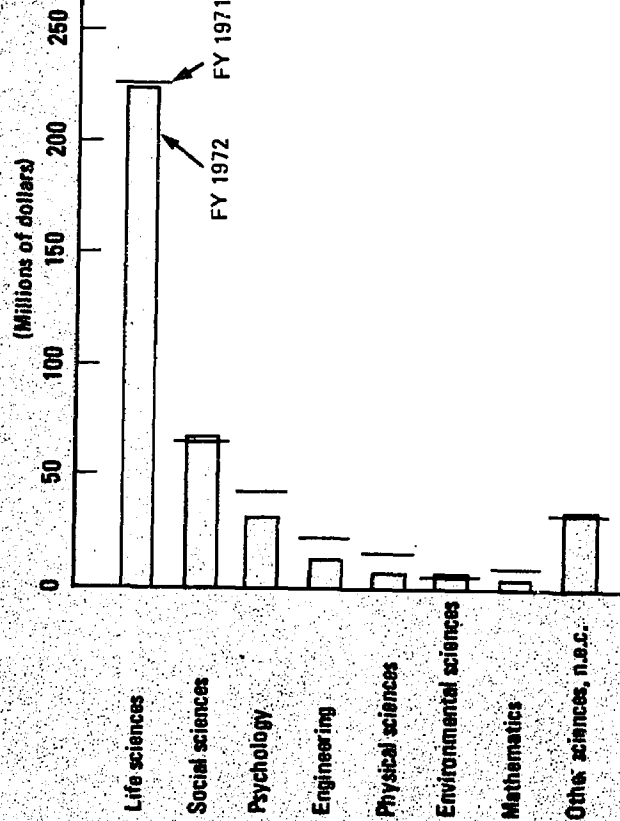
Three out of every five dollars obligated by Federal agencies in 1972 for academic science training activities supported programs in the life sciences. This intensive concentration, nearly 10 percentage points higher than the R&D effort in the life sciences, reflects primarily the substantial investment of NIH in biomedical training programs. Between 1971 and 1972 the level of support in the life sciences remained relatively stable, declining by less than 1 percent.

Of the other six major fields of science, four showed a decline in Federal training funds during the 1971-72 period; while two, the social sciences and the environmental sciences, registered small gains.

The fields which evidenced the greatest relative losses in fellowships and training grant obligations were the physical sciences and mathematics with declines of 60 percent and 58 percent, respectively.

As a result of the substantial reduction in NSF training obligations during 1971, there were significant shifts in the relative field-support levels. From 1971 to 1972 the life sciences increased their share of total training funds by 4 percentage points. At the same time there was a corresponding decrease of 4 percentage points in the combined share of the physical sciences and engineering.

Federal obligations to universities and colleges for fellowships, traineeships, and training grants, by field of science



SOURCE: National Science Foundation

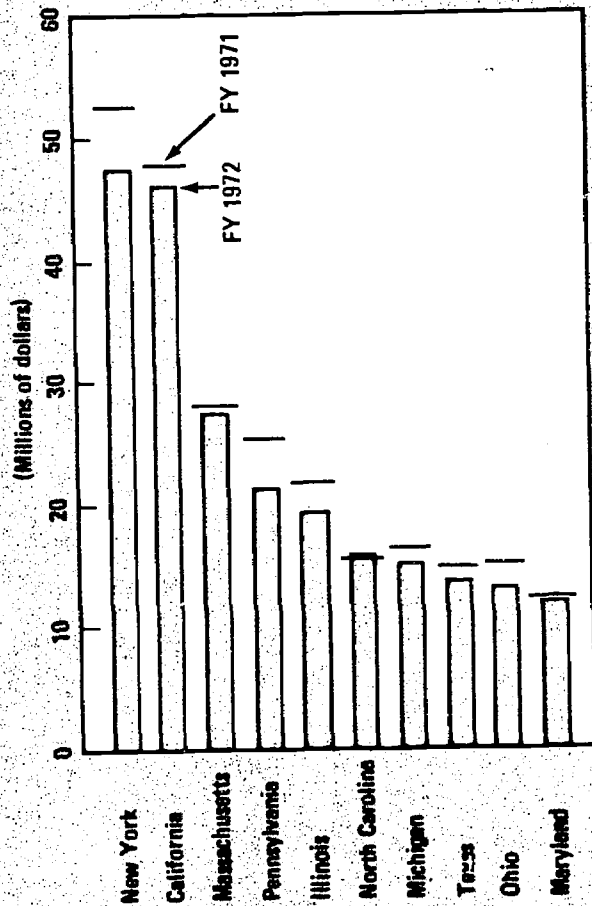
GEOGRAPHIC DISTRIBUTION

Of the Federal total for fellowships, traineeships, and training grants, 59 percent was concentrated in the 10 leading States in 1972. With the exception of Maryland, which was 11th in 1970, each of these States has ranked within the first 10 since 1969. Throughout the 1969-72 period, although there have been fluctuations in their relative positions, the leading 10 States have accounted for virtually the same share of total Federal training funds.

In actual dollars, each State within this group either showed a loss or remained relatively level from 1971 to 1972. Support to institutions in the major recipient State, New York, fell by \$5 million to a level of \$47 million. This was the largest State decline, of which 60 percent can be attributed to a decrease in HEW support.

Only in three States—California, Massachusetts, and Maryland—was the 1972 decline a direct result of reduced NSF support. These three States—each with overall reductions of less than 4 percent—were also the only States to evidence a decline in training funds below the national average of 8 percent.

Federal obligations to universities and colleges for fellowships, traineeships, and training grants in the 10 States receiving the largest amounts



SOURCE: National Science Foundation

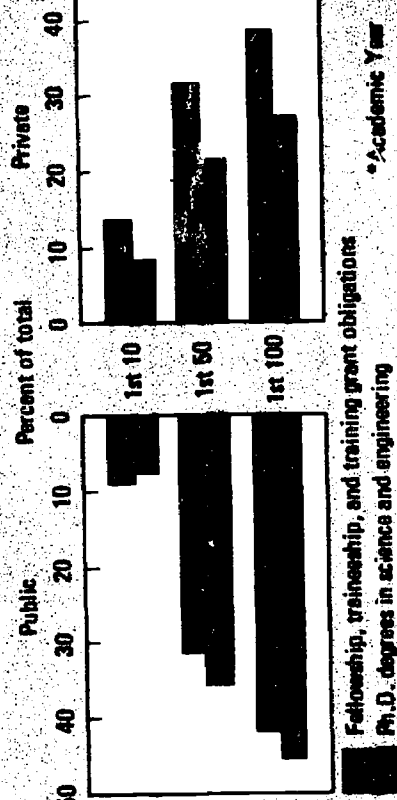
INSTITUTIONAL DISTRIBUTION

During 1972 a total of 797 universities and colleges received funds federally supported training programs, two more than the number during the previous year. In 1972 as in 1971, 81 percent of the Federal fellowships, traineeships and training grants was allocated to the highest-ranking institutions.

Within the first-100 group, training obligations to both public and private institutions declined from 1971 to 1972; however, the rate of decline was greater for the publicly controlled institutions. Support to public controlled institutions in the first 100 declined by 11 percent, while private controlled institutions evidenced only a 4-percent reduction in funds. The result was a shift in their proportionate support levels. The share represented by publicly controlled institutions in the first 100 declined from 54 percent in 1971 to 52 percent in 1972. At the same time, the private institution share increased by 2 percentage points to 48 percent.

Although public institutions predominated in terms of total Federal training funds and funds to the first 100, private institutions evidenced a higher support level among the first 10 universities and colleges. Institutions under private control accounted for over 60 percent of the awards to the first 10 recipients.

Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, FY 1972, compared to Ph.D. degrees awarded in the sciences and engineering, AY* 1970-71, by type of control



Fellowship, traineeship, and training grant obligations
Ph.D. degrees in science and engineering
*Academic Year

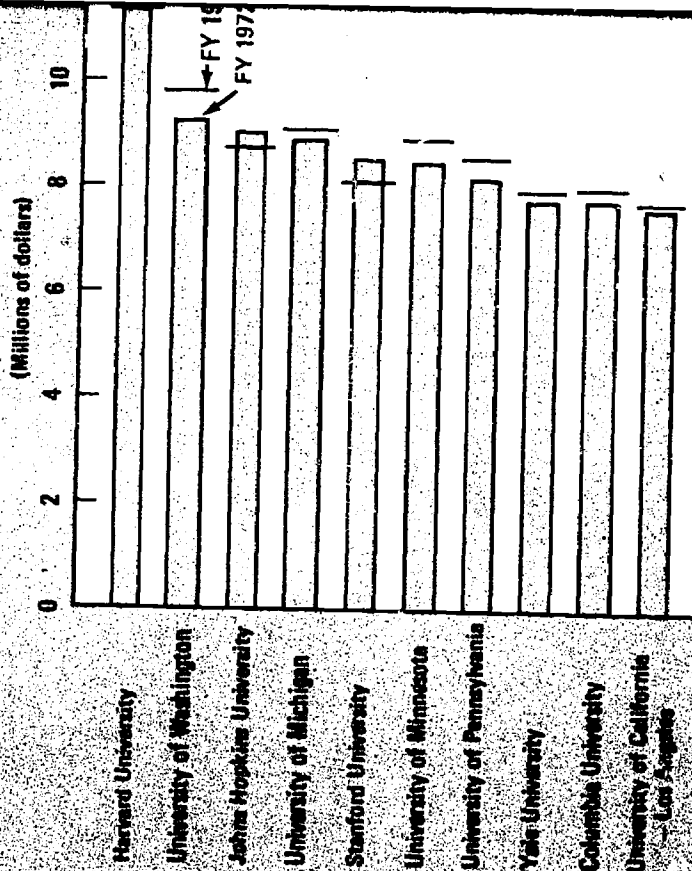
In relation to doctorate output in the sciences and engineering, privately controlled institutions show a greater concentration of Federal training support than publicly controlled institutions. In both the first-10 group and first-100 group, private institutions received about \$11,000 more per Ph.D. degree than public institutions.

Support levels for each of the first 10 recipients of Federal funds for fellowships, traineeships, and training grants were within 6 percent of the 1971 total. Three of the leading 10 institutions showed increased support from 1971 to 1972. The largest relative gain in 1972 was 5 percent received by fifth-ranked Stanford University. In contrast, NSF support to Stanford fell by \$381,000, the largest decline in NSF funding. Also registering increases in this group were Harvard University and Johns Hopkins University, each with a gain of 3 percent.

The major decline in the leading-10 group was evidenced by the University of Washington which showed a 6-percent drop in training funds between 1971 and 1972.

Although nine of the 10 institutions leading in total Federal fellowship and traineeship support were among the leading 10 in terms of HEW support, only four of the Foundation's leading recipients were among the first 10 recipients in total training support. Moreover, the two leading NSF recipients were not among the 10 overall leaders. Ranking first in terms of NSF support with \$1.6 million was MIT, followed by the University of California at Berkeley, Harvard University, and Stanford University, each of which received about \$1.3 million. These were the only four institutions to receive over \$1 million in NSF support.

Federal obligations for fellowships, traineeships, and training grants to the 10 universities receiving the largest amounts



SOURCE: National Science Foundation

General Support for Science

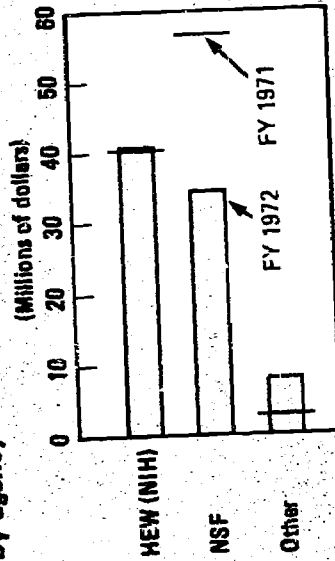
In 1972 Federal funds to institutions of higher education for general support for science programs amounted to \$83 million. The 1972 level represented a \$16 million, or 16-percent decline in funds for these programs which provide comprehensive support to assist institutions in improving the quality and the extent of their programs for research and science education. The 1972 reduction reflects primarily the attenuation of NSF's institutional support program.

AGENCY DISTRIBUTION

Of the five agencies reporting funds for institutional resource programs, NIH and NSF continued to fund the largest shares, accounting for 49 percent and 42 percent, respectively, of the total. The 1972 NSF share, however, was substantially lower than in 1971 when it was 57 percent of the total.

During 1972 NIH obligations in this support category totaled \$41 million, virtually the same level as in 1971. Among the program activities currently funded under NIH's overall general research support program are the following: General research support grants; biomedical sciences support grants; health sciences advancement awards; and the minority schools biomedical support program which was initiated in 1972.

Federal obligations to universities and colleges for general support for science, by agency



SOURCE: National Science Foundation

Obligations by NSF for general support for science programs dropped from \$57 million in 1971 to \$35 million in 1972, a decrease of nearly 40 percent. This decline results from the phasing out of the Foundation's science development program as well as from a reduced level of funding for the institutional grants program.

The other three agencies, AID, Commerce, and Interior, together, obligated the remaining \$8 million with AID awarding the largest proportion, \$5 million.

INSTITUTIONAL DISTRIBUTION

In 1972 Federal agencies awarded general support for science funds to 692 institutions, 22 less than the number funded in 1971. While the number of institutions participating in NSF-sponsored programs declined by 32 to 657 in the 1971-72 period, NIH recipients increased by 42

from 161 to 203. In 1972 over 45 percent NSF grantees were awarded less than \$1 whereas all NIH recipients received over \$1 amount. The wider dispersion of NSF obligations reflects the broadly based orientation of the Foundation's Institutional Grants for Science Program under which awards are made on a formula basis to all institutions of higher education receiving Federal research support including Public Health Service funds) preceding year. By comparison, only professional schools (a more limited population in the number of recipients in the size-class resulted primarily from the phasing out of NSF's Science Development Program in 1971, over three-fourths of the institutions were awarded under \$100,000.

Between 1971 and 1972 the number of universities and colleges receiving over \$1 million general support for science funds declined one-half, from 22 to 11 institutions. The decline in the number of recipients in the size-class resulted primarily from the phasing out of NSF's Science Development Program in 1971, over three-fourths of the institutions were awarded under \$100,000.

Number of universities and colleges receiving Federal obligations for general support for science programs ranked by size of Federal program: fiscal year

(Dollars in thousands)

Size of Federal program	Total obligations		Institutions
	Amount	Percent distribution	
Total	\$82,522 ¹	100.0	692
\$1 million or more	17,061	20.7	11
\$500,000 to \$999,000	26,687	32.4	39
\$100,000 to \$499,000	28,063	34.0	114
Less than \$100,000	10,701	13.0	528

¹Does not include \$766,000 reported under central offices or systems (central systems); these funds could not be tabulated for member institutions and, therefore, were excluded from this table.

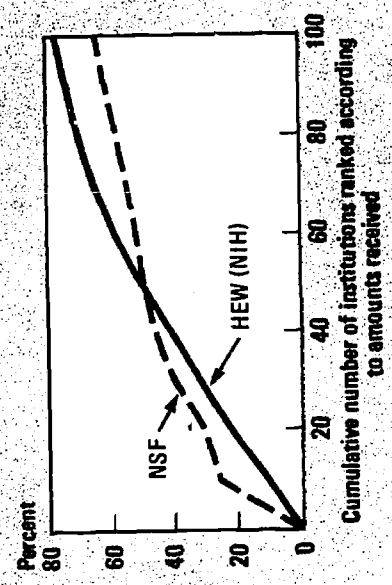
SOURCE: National Science Foundation

Facilities and Equipment for Instruction in Science and Engineering

Of the remaining \$5 million in 1972 for educational equipment and facilities, \$3 million was obligated by the National Science Foundation. NSF's allocation funded grants under the Foundation's Instructional Science Equipment Program. This program provides matching grants to academic institutions for the acquisition of laboratory equipment needed for the effective implementation of newly developed undergraduate science courses. Under this program, 304 institutions were awarded grants in 1972. Federal City College received \$82,000 instructional equipment grant, the largest NSF recipient.

Also funding instructional facilities and equipment projects were AEC and USDA, obligated \$2 million and \$0.5 million, respectively. 80 percent of AEC's total was directed to the University of Puerto Rico System Office for expansion and upgrading of facilities at the Puerto Rico Nuclear Center.

Concentration of HEW (NIH) and NSF obligations for general support for science among the 100 universities and colleges receiving the largest amounts, FY 1972



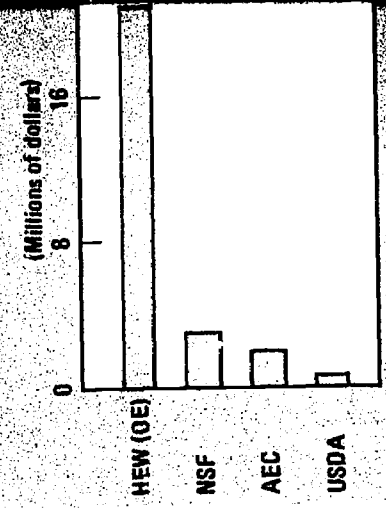
SOURCE: National Science Foundation

Although NIH funds for general support programs were more heavily concentrated among the first 100 recipients than NSF funds, NSF evidenced a much greater concentration among the top 10 universities. These 10 institutions received 26 percent of NSF general support for science funds compared to 10 percent of NIH funds. The higher NSF concentration level among the leading 10 recipients reflects the fact that seven of the ten institutions in this group received sizable University Science Development (USD) awards from the Foundation. In 1972, NSF awarded 9 supplemental USD grants representing the final commitment of funds under this program which was terminated in 1971. Within the leading 10 group, the dollar value of the Foundation's USD grants ranged from \$1.6 million awarded to New York University to a \$650,000 award to Duke University. Duke University, ranking fourth in total general support obligations, was the leading NIH recipient with \$898,000 in NIH funds.

In 1972 Federal agencies provided a total of \$26 million to academic institutions for instructional science facilities and equipment. Of that amount, nearly 80 percent, or \$21 million, was awarded by OE, the only constituent agency within HEW reporting funds for this type of institutional assistance. OE's 1972 funding level represented a \$7 million, or 51-percent increase over that of 1971. Legislative authority for the instructional equipment and facilities grants administered by OE is derived from two sources: (1) Title I of the Higher Education Facilities Act of 1963, as amended, which authorizes grants and loans to undergraduate institutions (including community colleges and technical institutes) for the construction or improvement of academic facilities and, (2) Title VI-A of the Higher Education Act of 1965 which authorizes equipment grants to improve undergraduate instruction.

The 1972 total of \$21 million in OE instructional equipment and facilities support was distributed to 619 institutions, 213 more than the number of OE recipients in 1971. The wider institutional distribution in 1972 reflects a higher facilities appropriations level. During 1972, the dollar value of individual OE grants in this support category ranged from \$515,000 awarded to SUNY College at Old Westbury to less than \$1,000 at a number of institutions.

Federal obligations to universities and colleges for facilities and equipment in science and engineering, FY 1972



SOURCE: National Science Foundation

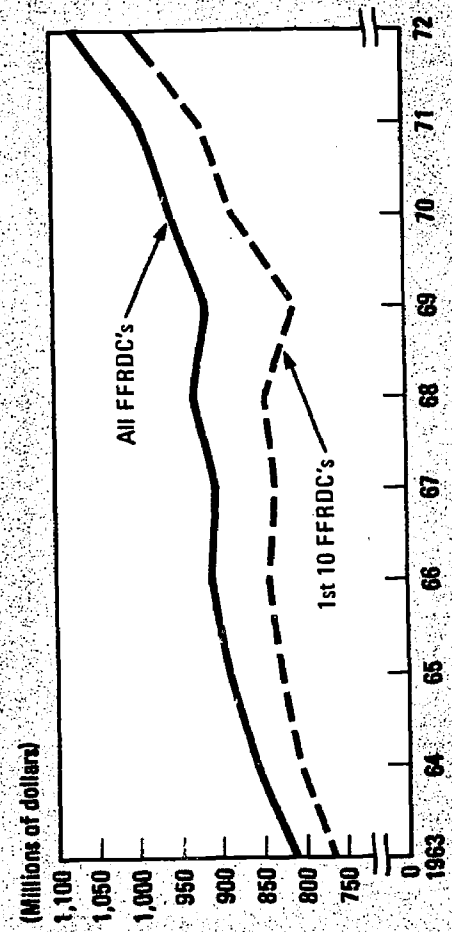
Section 3. FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS ADMINISTERED BY UNIVERSITIES AND COLLEGES

Federally Funded Research and Development Centers (FFRDC's) included in this section of the report are university-managed organizations established to meet a particular R&D need of a Federal agency.¹ Thirty-one centers received \$1,077 million from six Federal agencies in 1972—the first year in which Federal funding to this group of FFRDC's went over the \$1 billion level. From 1971-72 Federal support rose by \$81 million, or 8 percent—the largest yearly increase in the last decade.

The major gains in Federal funding were reported by DOD—\$50 million, or 34 percent, and NASA—\$36 million, or 21 percent. The primary source of FFRDC funding, AEC, reported a decline of \$18 million, or 3 percent, which dropped AEC's share of total Federal funding from 63 percent in 1971 to 57 percent in 1972.

¹ For a more detailed definition, see technical notes, p.39.

Federal obligations to Federally Funded Research and Development Centers administered by universities and colleges



SOURCE: National Science Foundation

Federal obligations to Federally Funded Research and Development Centers administered by universities and colleges, by agency and type of program, fiscal year 1972

[Dollars in thousands]

Agency	Total Federal obligations	Research and development	R&D plant	Fellowships, traineeships, and training grants
Total, all agencies	\$1,076,653	\$936,588	\$133,318	\$2,740
Atomic Energy Commission	609,031	477,197	126,461	1,522
Department of Defense, total	198,959	198,959	-----	-----
Army	517	517	-----	-----
Navy	119,598	119,598	-----	-----
Air Force	78,844	78,844	-----	-----
Department of Health, Education, and Welfare, total	9,478	9,159	-----	268
National Institutes of Health	1,000	681	-----	268
Office of Education	8,474	8,474	-----	-----
Food and Drug Administration	-----	4	-----	-----
National Aeronautics and Space Administration	211,295	209,225	2,070	-----
National Science Foundation	41,811	35,969	4,787	950
Department of Transportation	6,079	6,079	-----	-----

SOURCE: National Science Foundation

The 1971-72 changes in agency funding levels may be traced principally to four FFRDC's. NASA's Jet Propulsion Laboratory (JPL), the leading recipient in 1972 with \$215 million, was up \$41 million. DOD's Applied Physics Laboratory (Johns Hopkins University) and Lincoln Laboratory increased \$38 million and \$12 million, respectively, while AEC's National Accelerator Laboratory fell by \$24 million.

Approximately 90 percent of the JPL increase resulted from planned funding buildups by NASA for three programs: (1) Mariner-Venus-Mercury '73; (2) Mariner-Jupiter-Saturn '77; and (3) the Viking Orbiter.

While R&D support went up by \$130 million, or 16 percent, from 1971-72, R&D plant fell by some \$51 million, or 28 percent. The opposite changes in funding levels for these two types of activity may be partially explained by two major factors: (1) as construction of the largest proton synchrotron in the

United States, the National Accelerator Laboratory, neared completion in 1972, R&D plant funding to this facility fell from a high of \$85 million to \$56 million in 1972; (2) NASA and DOD, which together accounted for \$100 million in total FFRDC funding in 1972 and for two-thirds of the total R&D increase, reported only one-half of 1 percent (\$2 million) of the 1972 funding in the R&D plant category.

The recent trend toward greater concentration of funding among leading 10 FFRDC's continued in 1972.² The share of total support accounted for by the leading 10 FFRDC's has increased from 88 percent in 1964 to 92 percent—the highest level since 1964. Over the last three years the amount of funds going to the first 10 FFRDC's increased by 24 percent (\$193 million) compared to a 31-percent decline (\$33 million) for all other FFRDC's.

² For the purpose of this comparison, the 1972 data for the Lawrence Laboratories (Berkeley and more) were summed and counted as one institutional total.

Federal obligations to Federally Funded Research and Development Centers administered by universities and colleges, by State, institution, and type of program: fiscal year 1972

[Dollars in thousands]

State and institution	Agency	Total Federal obligations	Research and development	R&D plant	Fellowships, traineeships, & training grants	Other science activities	Administered by-
Total		\$1,076,653	\$936,588	\$133,318	\$2,740	\$4,007	
Arizona:							
Cerro Tololo Inter-American Observatory	NSF	2,500	2,096	404			Association of Universities for Astronomy, Inc.
Kitt Peak National Observatory	NSF	7,700	7,155	545			Association of Universities for Astronomy, Inc.
California:							
Center for Research and Development in Higher Education	HEW(OE)	890	890				University of California
Center for the Study of the Evaluation of Instructional Programs	HEW(OE)	686	686				University of California
Jet Propulsion Laboratory, total	NASA DOT	214,718 (210,655) (4,063)	212,648 (208,585) (4,063)	2,070 (2,070)			California Institute of Technology
Lawrence Berkeley Laboratory, total	AEC NSF	49,136 (49,123) (13)	35,995 (35,995)	13,032 (13,032)	17 (17)	92 (79) (13)	University of California
Lawrence Livermore Laboratory, total	AEC NSF HEW(NIH)	134,661 (134,549) (77) (35)	127,826 (127,826)	6,723 (6,723)	112 (77) (35)		University of California
Stanford Center for Research and Development in Teaching	HEW(OE)	1,114	1,114				Stanford University
Stanford Linear Accelerator Center	AEC	28,795	24,083	4,712			Stanford University

Federal obligations to Federally Funded Research and Development Centers administered by universities and colleges: fiscal year 1972—Con.

[Dollars in thousands]

State and institution	Agency	Total Federal obligations	Research and development	R&D plant	Fellowships, traineeships, & training grants	Other science activities	Administered by-
Colorado:							
National Center for Atmospheric Research, total	NSF	18,926 (18,226)	17,677 (16,977)	1,200 (1,200)	49 (49)		University Corporation Atmospheric Research
	DOD (Army)	(517)	(517)				
	DOD (Navy)	(48)	(48)				
	DOD (Air Force)	(135)	(135)				
Illinois:							
Argonne National Laboratory, total	AEC	113,115 (112,695)	96,878 (96,864)	13,484 (13,484)	1,364 (958)	1,389 (1,389)	University of Chicago Argonne Universities Association
	NSF	(420)	(14)		(406)		University Research Association
National Accelerator Laboratory, total	AEC	69,747 (69,717)	13,504 (13,504)	56,213 (56,213)		30 (30)	
	NSF	(30)					
Iowa:							
Ames Laboratory, total	AEC	7,625 (7,562)	6,725 (6,725)	837 (837)	63 (63)		Iowa State University Science and Technology
	NSF	(63)			14		Johns Hopkins University
Maryland:							
Applied Physics Laboratory, total	DOD (Navy)	100,691 (98,619)	100,677 (98,615)				
	DOT	(1,976)	(1,976)				
	NSF	(92)	(78)		(14)		
	HEW (FDA)	(4)	(4)				
Center for the Study of Social Organization of Schools and the Learning Process	HEW (OE)	650	650				Johns Hopkins University
Massachusetts:							
Cambridge Electron Accelerator	AEC	2,724 80,851	2,234 80,851	490			Harvard University Massachusetts Institute Technology
Lincoln Laboratory, total	DOD (Air Force)	(78,709)	(78,709)				
	DOD (Navy)	(1,825)	(1,825)				
	NASA	(317)	(317)				
New Jersey:							
Plasma Physics Laboratory	AEC	8,240	7,970	270			Princeton University
New Mexico:							
Los Alamos Scientific Laboratory, total	AEC	128,628 (128,249)	107,263 (107,024)	21,037 (21,037)	140 (140)	188 (188)	University of California
	NSF	(379)	(239)				
New York:							
Brookhaven National Laboratory, total	AEC	63,802 (62,430)	53,646 (52,722)	9,575 (9,427)	378 (138)	203 (143)	Associated Universities
	NSF	(879)	(562)	(148)	(160)	(9)	
	HEW(NIH)	(453)	(322)		(80)	(51)	
	DOT	(40)	(40)				

**Federal obligations to Federally Funded Research and Development Centers administered
by universities and colleges: fiscal year 1972—Con.**

[Dollars in thousands]

State and institution	Agency	Total Federal obligations	Research and development	R&D plant	Fellowships, traineeships, & training grants	Other science activities	Administered by-
Oregon: Center for the Advanced Study of Educational Administration	HEW(OE)	681	681				University of Oregon
Pennsylvania: Learning Research and Development Center	HEW(OE)	1,811	1,811				University of Pittsburgh
Ordnance Research Laboratory	DOD(Navy)	8,003	8,003				Pennsylvania State Un
Puerto Rico: National Astronomy and Ionosphere Center	NSF	4,688	2,278	2,410			Cornell University
Tennessee: Oak Ridge Associated Universities, total	AEC HEW(NIH) NSF	5,539 (4,947) (512) (80)	2,609 (2,250) (359)	236 (236)	589 (409) (153) (27)	2,105 (2,052)	Oak Ridge Associated Universities
Texas: Research and Development Center in Teacher Education	HEW(OE)	805	805				University of Texas
Virginia: Center for Naval Analyses	DOD(Navy)	9,310	9,310				University of Rochester
Space Radiation Effects Laboratory	NASA	323	323				College of William and
Washington: Applied Physics Laboratory, total	DOD(Navy) NSF	1,807 (1,793) (14)	1,793 (1,793)		14 (14)		University of Washing
West Virginia: National Radio Astronomy Observatory	NSF	6,650	6,570	80			Associated Universitie
Wisconsin: Center for Research and Development for Learning and Re-education	HEW(OE)	1,837	1,837				University of Wisconsin

SOURCE: National Science Foundation.

**Federal obligations to Federally Funded Research and Development Centers administered
by universities and colleges: fiscal years 1963-72**

[Dollars in thousands]

State and Institution	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	Administered by
Total	\$814,082	\$862,353	\$895,287	\$917,631	\$907,549	\$935,820	\$916,872	\$960,906	\$995,900	\$1,076,653	
Arizona:											
Cerro Tololo Inter-American Observatory (Chile) ¹	1,100	1,100	1,465	1,471	1,713	2,325	4,550	1,900	2,200	2,500	Association of Universities Research in Astronomy
Kitt Peak National Observa- tory ¹	3,750	4,400	6,915	5,791	5,485	12,475	5,700	6,400	7,200	7,700	Association of Universities Research in Astronomy
California:											
Center for Research and De- velopment in Higher Ed- ucation					849	1,459	938	879	718	890	University of California
Center for the Study of the Evaluation of Instruc- tional Programs					534	868	809	648	572	686	University of California
Jet Propulsion Laboratory ²	230,168	226,194	245,094	230,091	222,169	206,074	156,295	180,047	173,360	214,718	California Institute of Tech University of California
Lawrence Laboratories ³	162,854	169,424	156,254	169,870	174,661	184,500	179,185	187,686	176,861	183,797	University of California
Stanford Center for Research and Development in Teaching					797	1,597	5,007	928	928	1,114	Stanford University
Stanford Linear Accelerator Center	16,193	24,122	43,943	50,969	30,891	28,996	31,001	27,051	29,046	28,795	Stanford University
Colorado:											
National Center for Atmos- pheric Research ¹	6,019	10,036	8,941	11,791	16,576	14,679	14,061	11,414	15,200	18,926	University Corporation for pheric Research
District of Columbia:											
Center for Research in Social Systems ⁴	947	934	1,843	1,808	1,936	1,618	1,861	620			American University
Georgia:											
Research and Development Center in Educational Stimulation ¹					732	1,294	809	339			University of Georgia
Illinois:											
Argonne National Labo- ratory ⁵	74,947	84,507	86,329	87,255	97,262	113,178	112,874	104,187	105,387	113,115	University of Chicago and Argonne Universities Association
Coordination Center for the National Program in Early Childhood Education ⁶						1,562	1,723	473			University of Illinois
National Accelerator Labo- ratory ¹						3,377	14,763	49,527	94,219	69,747	University Research Asso
Iowa:											
Ames Laboratory	6,549	7,360	8,464	9,089	9,371	9,891	8,886	8,885	8,111	7,625	Iowa State University of Science and Techno



**Federal obligations to Federally Funded Research and Development Centers administered
by universities and colleges: fiscal years 1963-72—Con.**

[Dollars in thousands]

State and Institution	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	Administered by
Maryland: Applied Physics Laboratory Center for the Study of Social Organization of Schools and the Learning Process	42,096	49,124	54,097	52,491	47,172	49,719	51,218	53,444	62,908	100,691	Johns Hopkins Universit
Massachusetts: Cambridge Electron Accelerator*	{ 5,946	5,717	5,851	6,130	6,786	4,778	4,849	4,412	2,886	2,724	Johns Hopkins Universit
Center for Research and Development in Educa- tional Differences*	{ 2,632	3,424	3,792	3,517	3,596						
Lincoln Laboratory	70,606	78,764	88,683	1,112 64,060	1,165 66,989	62,319	61,379	55,648	69,015	80,851	Harvard University Massachusetts Institute of Technology Harvard University Massachusetts Institute of Technology
New Jersey: Plasma Physics Laboratory Princeton-Pennsylvania Ac- celerator*	7,542 { 6,224 881	8,268 5,500 1,790	6,997 7,521 1,982	6,556 8,825 1,801	6,572 7,971 1,775	7,446 6,422	7,796 6,461	7,680 5,090	8,211 2,010	8,240	Princeton University Princeton University University of Pennsylvania
New Mexico: Los Alamos Scientific Labo- ratory	93,020	97,680	94,636	103,311	102,213	109,387	114,698	140,914	130,716	128,628	University of California
New York: Brookhaven National Labo- ratory'	59,180	58,619	63,564	64,407	64,160	66,814	74,995	72,660	65,614	63,802	Associated Universities, Columbia University
Hudson Laboratory'	3,780	3,939	4,195	4,673	4,708	4,800	3,080				
Oregon: Center for the Advanced Study of Educational Administration		509	534	663	676	590	519	596	485	681	University of Oregon
Pennsylvania: Learning Research and De- velopment Center			754	642	1,309	1,465	7,083	1,465	1,509	1,811	University of Pittsburgh
Ordnance Research Labo- ratory	3,763	4,827	7,025	9,597	8,120	9,371	8,577	8,412	7,884	8,003	Pennsylvania State Unive
Puerto Rico: National Astronomy and Ionosphere Center'								2,106	5,800	4,688	Cornell University



**Federal obligations to Federally Funded Research and Development Centers administered
by universities and colleges: fiscal years 1963-72—Con.**

[Dollars in thousands]

State and Institution	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	Administered by
Tennessee:											
Oak Ridge Associated Universities ¹	4,291	5,059	5,695	6,168	5,620	4,770	5,276	5,179	5,138	5,539	Oak Ridge Associated Universities
Texas:											
Research and Development Center in Teacher Education					763	1,190	820	656	671	805	University of Texas
Virginia:											
Center for Naval Analyses ..						8,838	9,218	9,085	7,688	9,310	University of Rochester
Human Resources Research Organization ²	2,794	3,081	3,382	2,752	2,853	1,645	3,445				George Washington University
Space Radiation Effects Laboratory				729	1,815	586	1,213	865	1,371	323	College of William and Mary
Washington:											
Applied Physics Laboratory	3,200	2,275	2,178	5,145	2,836	3,192	3,205	2,682	1,957	1,807	University of Washington
West Virginia:											
National Radio Astronomy Observatory ³	4,550	4,600	3,350	4,719	5,062	4,865	7,278	5,800	6,400	6,650	Associated Universities, Inc.
Wisconsin:											
Army Mathematics Research Center ⁴	1,050	1,100	1,273	1,390	1,378	1,300	1,350	1,280			University of Wisconsin
Center for Research and Development for Learning and Re-education			500	808	1,034	1,688	5,330	1,298	1,503	1,837	University of Wisconsin

¹One of seven centers administered by university consortia.

²Includes sizable amounts subcontracted, principally to industrial firms.

³For the purpose of trend analyses, the 1972 data for the Lawrence Laboratories (Berkeley and Livermore) were summed.

⁴Phased out as an FRDC in 1971.

⁵Administered by both university and consortium.

⁶Figures for 1968-1972 were reported on a somewhat different basis than figures for 1963-67.

⁷This center (formerly known as Arevalo Observatory) became an FRDC in 1970 when the National Science Foundation assumed responsibility for the support of the research programs of this institution.

⁸FRDC status changed from "university administered" to "nonprofit administered"; data for this institution are included in section 2.

Part II

FEDERAL SUPPORT TO SELECTED NONPROFIT INSTITUTIONS

Section 1. FEDERAL SUPPORT TO INDEPENDENT RESEARCH INSTITUTIONS

This section of the report provides information on the allocation of Federal R&D funds to selected nonprofit institutions. Included in the survey universe for fiscal year 1972 were 85 nonprofit, research-performing organizations which were selected on the basis of their involvement in government-sponsored research and development.¹ Although each of these institutions operates autonomously, many maintain a close affiliation with academic institutions.

Initially established in the World War II period primarily to meet Federal scientific and technological requirements, these organizations have emerged as an important national asset and resource for research and development.

Agency Distribution

RESEARCH AND DEVELOPMENT

Government support for research and development performed by independent nonprofit research organizations reached \$228 million in 1972, nearly one-third higher than the 1971 amount. The 1972 support level reflects not only increases in the amounts awarded to individual institutions, but also an increase in the number of surveyed organizations—85 in 1972 as compared to 74 in 1971. The current expansion in dollars as well as in numbers of institutions meeting survey criteria evidences the growing importance of these organizations as performers of federally sponsored research and development.

Together, two agencies, DOD and HEW, awarded 80 percent of the 1972 nonprofit R&D total. Defense obligations to these selected research organizations rose by \$16 million to \$97 million in 1972, but continued to decline as a proportion of total agency funding. Between 1971 and 1972 the ratio of DOD support to the Federal nonprofit total dropped from 47 percent to 42 percent, 20 percentage points less than the 1969 high of 59 percent.

Within DOD, the Army, Navy, and Air Force posted gains during 1972 of 20 percent, 42 percent, and 24 percent, respectively, while the Defense agencies' funds declined by more than one-half, reflecting a reduction in the Advanced Research Projects Agency (ARPA) program.

Amounts obligated in 1972 by each of the military components:

	(Thousands of dollars)
Army	\$43,424
Navy	18,516
Air Force	32,461
Defense agencies	2,564

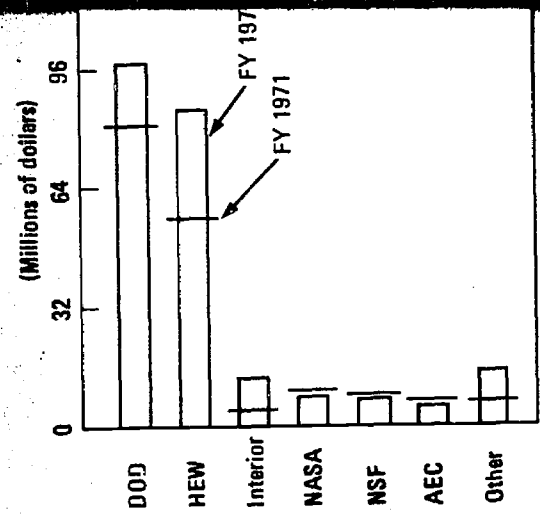
Obligations by the Department of Health, Education, and Welfare increased by more than 50 percent during 1972 to a level of \$85 million. HEW's 1972 gain of \$29 million was the largest dollar increase among the agencies. Over 87 percent (\$74 million) of the 1972 HEW total was in support of R&D activities sponsored by the National Institutes of Health. As in prior years, National Cancer Institute funds constituted nearly 50 percent of the NIH total.

Ranking third among the agencies in 1972 was the Department of the Interior with obligations to research institutions totaling \$13 million. Interior's 1972 support level represented a three-fold increase over that in 1971. This significant gain reflects an acceleration in the funding of Interior's energy R&D programs.

The next three ranking agencies, NASA and AEC, each experienced reduced funding to research institutions in 1972. Of the three, NASA registered the largest decline in both relative and absolute terms with a \$2 million, or 20-percent drop.

The combined investment of the eight agencies in research and development formed by nonprofit research institutions was \$14 million during 1972, an increase of 61 percent over their 1971 level. Although six of the agencies in this group evidenced gains during 1971-72 period, two, EPA and DOT, experienced respective increases of \$4 million and \$3 million, respectively, while the remaining four accounted for most of the 1971-72 increase.

Federal R&D obligations to independent research institutions, by agency



SOURCE: National Science Foundation

¹ See technical notes, p. 39 for information on the definitions and concepts used in this section of the report.

Federal obligations for research and development to independent research institutions, by geographic division, State, institution, and agency: fiscal year 1972

[Dollars in thousands]

Geographic division, State, and institution	Total	Department of Agriculture	Atomic Energy Commission	Department of Commerce	Department of Defense	Department of Health, Education, and Welfare	Department of the Interior	National Aeronautics and Space Administration	National Science Foundation	Other
United States, total	\$228,194	\$351	\$5,289	\$765	\$96,965	\$85,136	\$12,668	\$7,470	\$6,803	\$12,7
New England, total	12,939		164		237	11,774			604	
Connecticut, total	1,452				75	994			223	1
Center for the Environment and Man, Inc.	277								128	1
Haskins Laboratories, Inc.	716				75	535			95	
John B. Pierce Foundation of Connecticut, Inc.	459					459				
Maine, total	2,027		114			1,860			53	
Jackson Laboratory	2,027		114			1,860			53	
Massachusetts, total	9,460		50		162	8,920			328	
Blood Research Institute, Inc.	119				30	89				
Boston Biomedical Research Institute	1,218					1,112			106	
Children's Cancer Research Foundation	2,591				112	2,404			75	
Education Development Center	452					452				
Forsyth Dental Center	1,694					1,694				
Marine Biological Laboratory	56					22			34	
Retina Foundation	809				20	744			45	
Worcester Foundation for Experimental Biology	2,521		50			2,403			68	
Middle Atlantic, total	70,533	33	621	537	34,158	21,290	7,377	687	2,601	3,2
New Jersey, total	2,772		86		36	2,650				
Institute for Advanced Study	122		86		36					
Institute for Medical Research	1,123					1,123				
Merck Institute for Therapeutic Research	1,527					1,527				
New York, total	46,406	33	500	237	30,039	11,107		670	1,841	1,9
Boyce Thompson Institute for Plant Research	635	33			53	222			203	1
Cold Spring Harbor Laboratory										
of Quantitative Biology	1,498					1,414			84	
Cornell Aeronautical Laboratory	21,566			38	19,209			670	37	1,6
Hudson Institute, Inc.	437			50	312					
Institute for Medical Research and Studies	57					57				
Institute for Muscle Disease, Inc.	278					278				
National Bureau of Economic Research	1,484					186			1,135	1
Public Health Research Institute of New York	2,058				49	1,740			269	
Riverside Research Institute	7,424			149	7,149	126				
Sloan-Kettering Institute for Cancer Research	6,973		500			6,406			67	
Syracuse University Research Corp.	3,270				3,204	61				
Trudeau Institute, Inc.	726				63	617			46	



Federal obligations for research and development to independent research institutions, by geographic division, State, institution, and agency: fiscal year 1972—Con.

[Dollars in thousands]

Geographic division, State, and institution	Total	Department of Agriculture	Atomic Energy Commission	Department of Commerce	Department of Defense	Department of Health, Education, and Welfare	Department of the Interior	National Aeronautics and Space Administration	National Science Foundation	Other
Pennsylvania, total	21,355		35	300	4,083	7,533	7,377	17	760	1
American Institute for Research in the Behavioral Sciences	3,157				2,555	577				
Bituminous Coal Research Institute, Inc.	7,377						7,377	17	323	
Franklin Institute	3,636		14	300	970	787				
Germantown Laboratories, Inc.	558				558				437	
Institute for Cancer Research	4,411		21			3,953				
Wistar Institute	2,216					2,216				
East North Central, total	39,673		1,787	60	22,570	4,327	5,085	3,587	570	
Illinois, total	21,179		50	60	13,888	313	4,774	1,009	378	
Hektoen Institute for Medical Research	315				95	220				
IT: Research Institute	15,549		50	60	13,714		154	1,009	206	
Institute of Gas Technology	5,022				79		4,620			
Interscience Research Institute	93					93				
National Opinion Research Center	200								172	
Michigan, total	1,294					1,294				
Child Research Center of Michigan	301					301				
Michigan Cancer Foundation, Inc.	993					993				
Ohio, total	17,035		1,737		8,660	2,577	311	2,578	192	
Battelle Memorial Institute	16,238		1,737		8,559	1,930	311	2,578	143	
Cox Heart Institute	138					138				
Fels Research Institute	659				101	509			49	
Wisconsin, total	165				22	143				
American Foundation for Biological Research	165				22	143				
West North Central, total	13,107	68			1,461	10,542	206	143	153	
Minnesota, total	8,621				400	7,712	100	75		
Mayo Foundation	7,637				78	7,521		38		
North Star Research and Development Institute	984				322	191	100	37		
Missouri, total	4,486	68			1,061	2,830	105	68	153	
Cancer Research Center	455					399			56	
Central Institute for Deaf	442					442				
Institute for Community Studies	350					350				
Midwest Research Institute	3,239	68			1,061	1,639	106	68	97	

Federal obligations for research and development to independent research institutions, by geographic division, State, institution, and agency: fiscal year 1972—Con.

[Dollars in thousands]

Geographic division, State, and institution	Total	Department of Agriculture	Atomic Energy Commission	Department of Commerce	Department of Defense	Department of Health, Education, and Welfare	Department of the Interior	National Aeronautics and Space Administration	National Science Foundation	Oth
South Atlantic, total	16,015	40	15	74	1,128	9,464		630	1,226	3
District of Columbia, total	8,747		15		445	4,352		130	737	3
Arctic Institute of North America	317		15		194	31			77	
Brookings Institution	204					35			125	
Bureau of Social Science Research	600				51	48			34	
Carnegie Institution of Washington	223				23			130	70	
Gorgas Memorial Institute of Tropical and Preventive Medicine	1,464				101	1,357			6	
National Planning Association	884									
Research Foundation of Children's Hospital of Washington, D.C.	1,382				76	1,306				
The Urban Institute	3,673					1,575			425	1
Maryland, total	2,246				76	2,170				
Eye Research Foundation of Bethesda	337				76	261				
Friends of Psychiatric Research	988					988				
Institute for Behavioral Research	644					644				
National Biomedical Research Foundation	277					277				
North Carolina, total	3,594	40		74	607	1,949		500	133	
Research Triangle Institute	3,594	40		74	607	1,949		500	133	
Georgia, total	380									
Skidaway Institute of Oceanography	380									
Florida, total	1,048					993			55	
Leo Godwin Institute for Cancer Research	433					433				
Papanicolaou Cancer Research Institute	615					560			55	
East South Central, total	5,923				1,366	4,421		29		
Alabama, total	5,923				1,366	4,421		29		
Southern Research Institute	5,923				1,366	4,421		29		
West South Central, total	12,658	136	69		6,249	4,525		318	42	1
Louisiana, total	1,132	33				1,080				
Gulf South Research Institute	1,132	33				1,080				
Oklahoma, total	1,793				193	1,580			20	
Oklahoma Medical Research Foundation	1,793				193	1,580			20	
Texas, total	9,733	103	69		6,056	1,865		318	22	1
Southwest Foundation for Research and Education	1,698				85	1,591			22	

Federal obligations for research and development to independent research institutions, by geographic division, State, institution, and agency: fiscal year 1972—Con.

[Dollars in thousands]

Geographic division, State, and institution	Total	Department of Agriculture	Atomic Energy Commission	Department of Commerce	Department of Defense	Department of Health, Education, and Welfare	Department of the Interior	National Aeronautics and Space Administration	National Science Foundation	Other
Southwest Research Institute	8,035	103	69		5,971	274		318		1
Mountain, total	3,360		2,116		551	41		550	102	
Arizona, total	532							430	102	
Lowell Observatory	532							430	102	
New Mexico, total	2,828		2,116		551	41		120		
Lovelace Foundation for Medical Education	2,828		2,116		551	41		120		
Pacific, total	53,986	74	517	94	29,245	18,752		1,526	1,505	2
California, total	48,985	74	242	94	29,198	14,197		1,526	1,381	2
Center for Advanced Studies in the Behavioral Sciences	93								93	
Institute of Medical Sciences	2,294					2,294				
Palo Alto Medical Research Foundation	456					456				
Salk Institute for Biological Studies	2,451				2	2,013		88	348	
Scripps Clinic and Research Foundation	3,329		145		91	2,965			128	
Stanford Research Institute	40,134	74	97	94	29,105	6,241		1,438	812	2
Western Behavioral Sciences Institute	228					228				
Oregon, total	4,117				29	3,964			124	
Medical Research Foundation of Oregon	3,234				29	3,205				
Oregon Research Institute	883					759			124	
Washington, total	884		275		18	591				
Hanford Environmental Health Foundation	172		172							
Pacific Northwest Research Foundation	392		103			289				
Virginia Mason Foundation for Medical Education and Research	320				18	302				

¹ Includes AID, EPA, HUD, Labor, OEO, and DOT.

SOURCE: National Science Foundation

R&D PLANT

percent in 1972. SRI and CAL, which received respective 1972 increases of \$6 million and \$1 million were at higher support levels in 1972 than in 1968. In contrast the 1972 decline in Battelle Memorial Institute brought that institution to a level below 1968.

Federal obligations for R&D plant to independent research institutions, by geographic division, State, institution, and agency: fiscal year 1972

[Dollars in Thousands]

Geographic division, State, and institution	Total	Atomic Energy Comm.	Dept. of Health, Educ., and Welfare (NIH)	National Science Fdn.
United States, total	\$13,145	\$176	\$12,858	\$111
New England, total	6,454		6,400	54
Connecticut, total	54			54
Haskins Laboratories, Inc.	54			54
Massachusetts, total	6,400		6,400	
Children's Cancer Research Foundation	6,000		6,000	
Worcester Foundation for Experimental Biology	400		400	
Middle Atlantic, total	3,371		3,371	
New York, total	342		342	
Trudeau Institute, Inc.	342		342	
Pennsylvania, total	3,029		3,029	
Wistar Institute	3,029		3,029	
East North Central, total	200		200	
Michigan, total	200		200	
Michigan Cancer Foundation, Inc.	200		200	
South Atlantic, total	41			41
Georgia, total	41			41
Skidaway Institute of Oceanography	41			41
West South Central, total	1	1		
Texas, total	1	1		
Southwest Research Institute	1	1		
Mountain, total	175	175		
New Mexico, total	175	175		
Lovelace Foundation for Medical Education	175	175		
Pacific, total	2,903		2,887	16
California, total	2,903		2,887	16
Salk Institute for Biological Studies	16			16
Scripps Clinic and Research Foundation	2,887		2,887	

SOURCE: National Science Foundation

During 1972 obligations to nonprofit research institutions for R&D plant showed a substantial dollar increase, rising from less than \$500,000 in 1971 to over \$13 million in 1972. This increase resulted from \$13 million in new R&D plant program funds from HEW. These funds represent construction grant awards by the National Cancer Institute for the expansion of cancer research facilities.

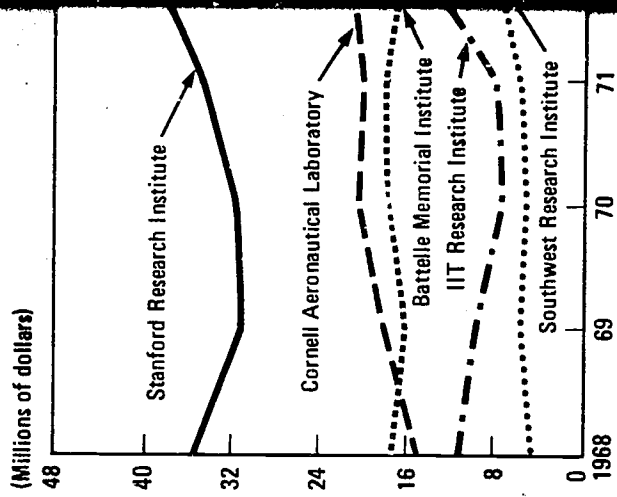
The two other agencies funding R&D plant programs within this sector in 1972 were AEC and NASA with respective obligations of \$176,000 and \$111,000. Both reported lower R&D plant support levels during 1972.

Institutional Distribution

The 20 leading research institutes accounted for 76 percent of the nonprofit R&D obligations during 1972. Within the leading 20 group, DOD evidenced a much greater support concentration than HEW. Ninety-seven percent of DOD's nonprofit total was allocated to first 20 institutions, whereas HEW awarded only 51 percent of its total to this group. Among the leading five, there was an even higher concentration of DOD with these five institutions receiving nearly four-fifths of DOD funds, as compared with 10 percent of HEW funds.

In 1972 the leading five nonprofit institutions received a total of \$106 million, three times the amount obligated to the next five ranking institutions. The first three recipients—Stanford Research Institute (SRI), Cornell Aeronautical Laboratory (CAL), and Battelle Memorial Institute—reduced their combined share of total nonprofit funding from 42 percent in 1971 to 34

Federal R&D obligations to the five nonprofit research institutions receiving the largest amounts, FY 1968-1971



SOURCE: National Science Foundation

Section 2. FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS

Annual support for research and development performed by Federally Funded Research and Development Centers (FFRDC's) under nonprofit management increased from \$216 million in 1971 to \$221 million in 1972. Of the 1972 total, \$2 million was allocated to R&D plant and equipment.

The Department of Defense, the largest Federal sponsor of R&D programs in this sector, financed a 68 percent of the 1972 total, representing a decline of 5 percentage points from DOD's 1971 share. DOD which sponsors 7 of the 22 nonprofit FFRDC's obligated \$149 million to these organizations in 1972, \$8 million less than in 1971. A significant proportion of the decline was due to DOD's declassification of the Electromagnetic Computability Analysis Center (ECAC), funded at a level of \$6 million in 1971, as an FFRDC. Obligations for ECAC are now reported under the parent organization, IIT Research Institute which is classified as an independent nonprofit research institution.

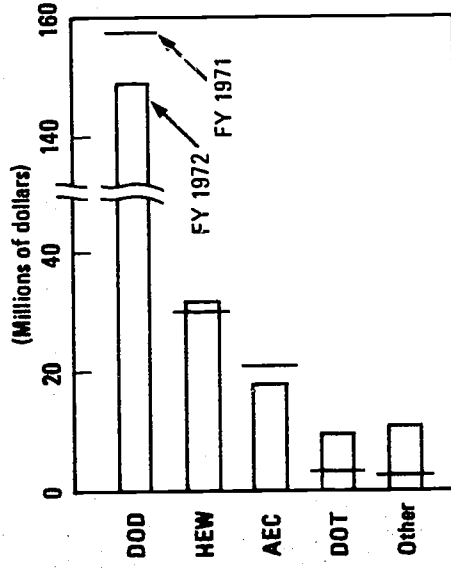
In 1972 DOD reported higher totals for two nonprofit FFRDC's, the MITRE Corporation and Human Resources Research Organization (HumRRO) which registered respective DOD increases of \$412,000 and \$184,000. Dollar decreases for the remaining 5 DOD centers ranged from a \$1.3 million reduction in DOD funds to the RAND Corporation to a \$110,000 decline in funds to the Institute for Defense Analyses (IDA).

The leading DOD-sponsored center, the Aerospace Corporation, was awarded \$71 million by DOD during 1972, one-half of the DOD total for this sector. The other major R&D performers, MITRE and RAND, received \$34 million and \$18 million, respectively, from DOD in 1972.

Of the seven nonprofit FFRDC's sponsored by the Defense Department, RAND had the greatest diversity with 27 percent of its 1972 funds obligated by agencies other than DOD. In contrast, three DOD centers, IDA, Analytical Services, Inc., and the Aerospace Corporation, received at least 95 percent of their funds from DOD.

HEW obligations to nonprofit FFRDC's rose slightly in 1972 from \$31 million to \$32 million. Over 91 percent of HEW's 1972 total represented funds awarded by the Office of Education to 11 regional educational laboratories and 2 educational research policy centers. OE's R&D laboratories, which initially numbered 20, were established under provisions of the Cooperative Research Act of 1963, as amended by Title IV of the Elementary and Secondary Education Act of 1965.

Federal R&D obligations to FFRDC's administered by nonprofit institutions



SOURCE: National Science Foundation

Total support including research and development and R&D plant to OE-sponsored nonprofit FFRDC's remained relatively level in 1972 at \$1.3 million. Because of budgetary restrictions as well as a new policy to open competition for educational R&D funds, OE reduced the number of regional laboratories from 15 to 11 in the 1972 period. Five of the remaining OE-sponsored organizations registered increases in 1972. They were Appalachia Educational Laboratory, Far West Laboratory for Educational Research and Development, Research for Better Schools, Inc., Southwest Educational Development Laboratory, and Southwestern Cooperative Educational Laboratory. The largest gain was registered by Research for Better Schools, which increased by \$1.3 million to a level of \$1.3 million, making it the leading OE recipient.

In contrast to the above support pattern of OE's eight university-based R&D centers, evidenced a gain from 1971 to 1972.

The Atomic Energy Commission, the support of R&D performed by nonprofit FFRDC's with a total of \$18 million in 1972, all funds to two centers, the Pacific Northwest Laboratory (PNL) and the Atomic Casualty Commission. From 1971-72 increased its R&D support to the Atomic Casualty Commission by \$1 million to a total of \$6 million, while funds to PNL were reduced by \$4 million to \$12 million.

Obligations by the other nine agencies for R&D projects at nonprofit-administered FFRDC's amounted to \$20 million in 1972, four times their combined 1971 R&D total. A major part of the gain can be attributed to a higher support level for the Department of Transportation which increased its voluntary support from \$3 million in 1971 to \$10 million in 1972. Nearly 90 percent of the DOT total was obligated to the MITRE Corporation.

Federal obligations for research and development and R&D plant to Federally Funded Research and Development Centers administered by nonprofit institutions: fiscal years 1968-72

[Dollars in thousands]

State and institution	Total Federal obligations						Research and development						R&D plant						Sponsoring agency
	1968	1969	1970	1971	1972	1968	1969	1970	1971	1972	1968	1969	1970	1971	1972				
	\$234,093	\$246,728	\$273,269	\$216,225	\$220,582	\$229,308	\$205,865	\$256,491	\$213,997	\$218,969	\$4,785	\$10,843	\$16,778	\$2,228	\$1,613				
Total	711	320	700	711	700	320	711	320	700	711	700	320	711	320	700	711	700	320	HEW(OE)
Arkansas:																			
South Central Regional Educational Laboratory Corporation ¹	73,626	76,338	72,953	71,405	74,659	73,537	76,338	72,953	71,405	74,659	73,537	76,338	72,953	71,405	74,659	73,537	76,338	72,953	DOD(Air Force)
California:																			
Aerospace Corporation	20,407	20,438	21,167	21,165	25,175	20,295	20,438	21,167	21,165	25,175	20,295	20,438	21,167	21,165	25,175	20,295	20,438	21,167	DOD(Air Force)
RAND Corporation	500	500	448	444	308	500	500	448	444	308	500	500	448	444	308	500	500	448	HEW(OE)
Center for Educational Policy Research ²	1,308	6,536	2,373	3,717	3,776	1,250	1,685	2,373	3,776	3,776	1,250	1,685	2,373	3,776	3,776	1,250	1,685	2,373	HEW(OE)
The Far West Laboratory for Educational Research and Development	2,235	2,487	7,310	3,630	3,165	2,235	2,487	3,024	3,630	3,165	2,235	2,487	3,024	3,630	3,165	2,235	2,487	3,024	HEW(OE)
Southwest Regional Laboratory for Educational Research and Development																			
Colorado:																			
Rocky Mountain Regional Educational Laboratory ¹	514	346	514	514	514	346	346	514	514	514	346	346	514	514	514	346	346	514	HEW(OE)
District of Columbia:																			
Atomic Bomb Casualty Commission	3,822	3,925	4,250	4,617	5,774	3,685	3,788	4,155	4,572	5,697	3,685	3,788	4,155	4,572	5,697	3,685	3,788	4,155	AEC
Central Atlantic Regional Educational Laboratory ¹	796	390	780	780	780	390	390	780	780	780	390	390	780	780	780	390	390	780	HEW(OE)
Georgia:																			
Southeastern Educational Laboratory ²	719	670	670	468	670	670	670	720	468	670	670	670	720	468	670	670	670	720	HEW(OE)
Illinois:																			
Cooperative Educational Research Laboratory, Inc. ¹	622	241	600	600	600	241	241	600	600	600	241	241	600	600	600	241	241	600	HEW(OE)
Maryland:																			
Electromagnetic Compatibility Analysis Center ¹	5,237	4,642	5,237	5,903	5,237	4,642	4,642	5,210	5,903	5,903	4,642	4,642	5,210	5,903	5,903	4,642	4,642	5,210	DOD(Air Force)
Massachusetts:																			
MITRE Corporation	36,521	32,702	40,856	35,974	42,915	36,521	32,702	40,856	35,974	42,915	36,521	32,702	40,856	35,974	42,915	36,521	32,702	40,856	DOD(Air Force)
Educational Development Center, Inc. ¹	1,041	1,390	1,509	625	1,041	1,390	1,390	1,509	625	1,041	1,390	1,390	1,509	625	1,041	1,390	1,390	1,509	HEW(OE)
Michigan:																			
Michigan-Ohio Regional Educational Laboratory ¹	853	385	800	800	800	385	385	800	800	800	385	385	800	800	800	385	385	800	HEW(OE)
Minnesota:																			
Upper Midwest Regional Educational Laboratory, Inc. ¹	678	800	678	733	678	800	800	958	733	678	800	800	958	733	678	800	800	958	HEW(OE)
Missouri:																			
Central Midwestern Regional Educational Laboratory	1,370	1,746	6,138	4,462	4,042	1,350	1,746	3,233	4,462	3,945	1,350	1,746	3,233	4,462	3,945	1,350	1,746	3,233	HEW(OE)
Mid-Continent Regional Educational Laboratory	730	938	957	869	869	730	938	957	869	869	730	938	957	869	869	730	938	957	HEW(OE)
New Mexico:																			
Southwestern Cooperative Educational Laboratory	791	862	956	1,097	1,138	752	862	956	1,097	1,138	752	862	956	1,097	1,138	752	862	956	HEW(OE)
New York:																			
Center for Urban Education	2,675	2,646	2,600	2,000	2,000	2,675	2,646	2,600	2,000	2,000	2,675	2,646	2,600	2,000	2,000	2,675	2,646	2,600	HEW(OE)
Policy Research Center ¹	499	587	689	822	842	499	587	689	822	842	499	587	689	822	842	499	587	689	HEW(OE)
Eastern Regional Institute for Education ¹	947	999	844	408	947	943	999	844	408	947	943	999	844	408	947	943	999	844	HEW(OE)
North Carolina:																			
National Laboratory for Higher Education ¹	698	820	1,152	1,170	1,017	694	820	1,152	1,170	1,017	694	820	1,152	1,170	1,017	694	820	1,152	HEW(OE)
Oregon:																			
Northwest Regional Educational Laboratory	1,566	1,763	1,841	2,472	3,168	1,544	1,763	1,841	2,472	3,168	1,544	1,763	1,841	2,472	3,168	1,544	1,763	1,841	HEW(OE)
Pennsylvania:																			
Research for Better Schools, Inc.	2,094	2,757	3,397	3,526	4,869	2,089	2,757	3,397	3,526	4,869	2,089	2,757	3,397	3,526	4,869	2,089	2,757	3,397	HEW(OE)
Texas:																			
Southwest Educational Development Laboratory	1,452	1,843	6,363	2,160	2,285	1,400	1,710	2,263	2,160	2,285	1,400	1,710	2,263	2,160	2,285	1,400	1,710	2,263	HEW(OE)

Federal obligations for research and development and R&D plant to Federally Funded Research and Development Centers administered by nonprofit institutions: fiscal years 1968-72—Con.

[Dollars in thousands]

State and institution	Total Federal obligations					Research and development					R&D plant					Sponsoring agency
	1968	1969	1970	1971	1972	1968	1969	1970	1971	1972	1968	1969	1970	1971	1972	
Virginia:																
Institute for Defense Analyses ¹	11,941	12,388	11,859	12,660	12,622	11,941	12,388	11,859	12,660	12,622						
Research Analysis Corporation	10,308	9,915	9,524	9,278	8,481	10,308	9,915	9,524	9,278	8,481						
Human Resources Research Organization ²			4,291	4,007	4,678			4,291	4,007	4,678						
Analytical Services, Inc.	1,495	1,180	1,659	2,256	1,943		1,180	1,659	2,256	1,943						
Washington:																
Pacific Northwest Laboratory	46,943	55,258	62,119	19,391	14,827	42,851	49,613	56,727	17,659	13,388	4,092	5,645	1,732	1,439		
West Virginia:																
Appalachia Educational Laboratory	994	916	1,126	875	2,029	994	896	1,126	975	2,029		20				

¹Phased out as an FFRDC as of the end of FY 1969.

²Administered by Stanford Research Institute.

³Phased out as an FFRDC as of the end of FY 1971.

⁴Administered by Syracuse University Research Corporation.

⁵Formerly known as Regional Educational Laboratory for the Carolinas and Virginia.

⁶Was "university administered" prior to fiscal year 1970. See part 1, section 3 for data for those years.

SOURCE: National Science Foundation.

APPENDIXES

A. Technical Notes

B. Statistical Tables

CONCEPTS AND LIMITATIONS

The dollar totals in this report represent obligations to academic institutions, selected other nonprofit organizations and associated Federally Funded Research and Development Centers (FFRDC's), incurred by 14 Federal agencies. Data for three of the reporting agencies—the Agency for International Development, and the Departments of Housing and Urban Development and Labor—are combined for the purpose of tabular presentation. These units constitute the "other" category used as the final column heading in tables showing agency detail.

Dollar totals reflect actual obligations by the reporting agency during a fiscal year (July 1 to June 30) regardless of when funds were spent by a recipient.¹ Certain allocations for financial assistance by Federal agencies were excluded from the study, notably loans such as those made by the Office of Education (OE) and agency support of Federal employee training and development activities. Obligations were reported in amounts rounded to the nearest thousand dollars.

Data for individual institutions represent direct support from Federal agencies and, therefore, do not make allowances for amounts subcontracted to or from other institutions. Consequently, the location of actual performance of obligated amounts cannot be identified if that performance takes place at some site other than that of the institution to which funds are obligated. In cases of interagency transfers of funds, the agency that made the final distribution of the funds to academic institutions reported the obligations.

Federal obligations to university "systems" are shown in terms of the individual institutions comprising a system. Also listed separately are Federal dollars awarded directly to the administrative center of a system. However, where the final allocation of funds is not known at the time the award is made, agencies report the funds as obligations to the system's administrative office, or "central system." In many cases, the Federal funds are distributed by the system's central office to individual institutions. To the extent this filtering effect takes place, the amounts reported for the individual institutions within a system may be understated. Central system obligations in FY 1972 were reported for the following:

Maricopa County Junior Colleges System
Universities and State Colleges of Arizona System
California State College System
Claremont Colleges System
San Diego Junior Colleges System
University of California System

¹ Data for the Atomic Energy Commission were provided in terms of costs rather than obligations but are treated as substantially the same in this analysis.

State University System of Florida
University of Illinois System
Indiana University System
Louisiana State University System
University of Maine System
University of Maryland System
University of Missouri System
University of Nebraska System
University of Nevada System
City University of New York System
Columbia University System
State University of New York System
University of North Carolina System
Oregon State Higher Education System
University of Tennessee System
Texas A&M University System
University of Texas System
Utah Higher Education System
University of Wisconsin System
Wisconsin State University System
University of Puerto Rico System

Among the categories of support reported by agencies, amounts shown for individual institutions always indicate the way the funds are actually spent on organizations. For instance, the entire obligation of the Department of Defense were reported under research and development, although some of the funds were expended for plant and facilities.

Sections 1 and 2 in part I of this report include comparisons between obligation data and educational data on total funds conferred over the academic year 1970-71. These figures are compiled from degree data collected by OE in the Education General Information Survey (HEGIS).

RELATIONSHIP OF THIS STUDY TO FEDERAL PROGRAMS FOR RESEARCH, DEVELOPMENT, AND SCIENTIFIC ACTIVITIES

Both this study and Federal Funds for Research, Development, and Other Scientific Activities² obtain data on obligations by Federal agencies for research and development. The Federal Funds for Research and Development (R&D) plant to universities, colleges, other nonprofit organizations, and their associated FFRDC's. This study is directed toward obtaining information on total Federal support to individual institutions and selected nonprofit organizations, while the Federal Funds study obtains information on research and development and R&D plant obligations.

² National Science Foundation, Federal Funds for Research, Development, and Other Scientific Activities, Fiscal Years 1972, 1973, and 1974, Vol. XXII (NSF 74-300) (Washington, D.C. 20402; Supt. of Documents, U.S. Government Printing Office, 1974.)

APPENDIX A

Technical Notes

leral agencies to each sector of the economy, including government, industry, universities and colleges, and all other nonprofit organizations. In *Federal Funds*, the emphasis is on character of activity and type of performer, rather than individual academic recipients.

In general, there is conformity of concepts and definitions used in the two studies. Note, however, that data do not and cannot conform in all respects. Reporting differences may be traced to one or more of the following reasons:

(a) In *Federal Funds* data were compiled from agency budgets in terms of aggregate sector totals. In this report data were generated from each agency's information system in terms of totals for each recipient.

(b) This study is based on the reports of 14 Federal agencies, while the *Federal Funds* survey obtained data on a Government-wide basis.

(c) Another reporting difference arises from the fact that the National Institutes of Health (NIH) reported its General Research Support Grants Program as research and development in *Federal Funds* and as "general support for science" in this report. In addition, for *Federal Funds* the National Science Foundation (NSF) reported as research and development that portion of institutional development funds which is expended for R&D activities, whereas for this study, all such funds were reported as "general support for science."

(d) For the purpose of this report, "selected nonprofit organizations" include primarily independent nonprofit research institutions. Omitted from this group are hospitals, academies of science, museums, professional and technical societies, and private philanthropic foundations all of which are included in the *Federal Funds* classification of nonprofit organizations.

(e) In cases of interagency transfers of funds, the present report instructs the agency that actually obligates funds to report the obligation. In *Federal Funds*, on the other hand, agencies initiating the interagency transfers report the obligated amounts.

DEFINITIONS OF TERMS

University or college consists of all parts of the academic institution such as a college of liberal arts, professional school, hospital, school of agriculture, agricultural experiment station, etc.—except an associated FFRDC. Universities and colleges include all institutions of higher education in the United States that offer at least 2 years of college-level studies in residence. The universe of institutions for this report is based upon OE's Education Directory 1971-72. To be included in this report, an institution must have received some Federal support in fiscal year 1972, and must possess a

significant degree of autonomy with respect to educational administrative responsibilities. Thus, universities and colleges organized under systems, e.g., groups of institutions collectively having legal status and generally accorded recognition by a State, by a board of education, or other relevant organization, are shown as separate institutions in cases where significant autonomy exists. Obligations to branches and campuses of institutions are not shown separately but are included in the total for the parent institution. Obligations to service schools were excluded from the study. Also excluded were funds awarded to the U.S. Department of Agriculture Graduate School.

Nonprofit research institutions included in this study were limited to 85 selected independent research institutes and 22 nonprofit-administered FFRDC's. Compiled prior to the start of the 1972 survey, the list of research institutes sent to Federal agencies was made up of those institutions that were believed to be most likely to receive at least \$300,000 in Federal R&D obligations for FY 1972. To assure as complete coverage as possible, the list includes several institutions that had funding levels below \$300,000. Since the survey produced funding information on these smaller organizations, they are included in the report. Excluded from the study of selected nonprofit institutions are such nonprofit organizations as nonprofit hospitals, academies of sciences, professional and technical societies, museums, and philanthropic foundations.

FFRDC's in this report are organizational units managed by universities and colleges or other nonprofit institutions. Generally, these units have been established to meet a particular R&D need of a Federal agency. Uniform identification and classification criteria have been developed for use by all sponsoring agencies. To be classified as an FFRDC, an organization should:

- (a) Perform primarily one or more of the following: basic research, applied research, development, or management of research and development. Specifically excluded are organizations engaged primarily in routine quality control and testing, routine service activities, production mapping surveys, and information dissemination;
- (b) Constitute a separate operational unit within the parent organization or be organized as a separately incorporated organization;
- (c) Perform actual research and development or R&D management either upon direct request of the Government or under a broad charter from the Government, but in either case under the direct mentorship of the Government;
- (d) Receive its major financial support - 70 percent or more - from the Federal Government, usually from one agency;

(e) Have or be expected to have, a long-term ship - about 5 years or more - with its agency, as evidenced by the specific obligations and the agency assume;

(f) Be established in the contract so that the facilities are owned or funded by Government; and,

(g) Have an average annual budget, operating and capital equipment, of \$500,000.

Included in this report are 31 FFRDC's administered by universities and colleges and 22 FFRDC's administered by other nonprofit institutions. Of the 31 FFRDC's with universities and colleges in 1972, 23 are administered by universities; seven are managed by university consortia; and one, Argonne National Laboratory, is managed jointly by the University of Chicago and Universities Association.

Academic science includes the sum of activities under six categories: research and development in facilities and equipment for instruction in science; engineering; fellowships, traineeships, and training support for science; and other science activities of these categories is defined below.

Research is defined as scientific inquiry. It includes studies - those oriented toward deeper or more understanding and knowledge per se in a particular field; and applied studies - those aimed at new or complete knowledge in the light of potential practical application.

Development is the systematic use of scientific, directed toward the production of useful material systems, or methods, including design and development prototypes and processes. It excludes quality control product testing, and production.

R&D plant includes all direct, indirect, incidental costs resulting from, or necessary to the construction, acquisition of, major repair to, or alterations in works, fixed equipment, facilities, or land for use in research and development. Fixed equipment includes accelerators, reactors, wind tunnels, radio telescopes.

Facilities and equipment for instruction in science include all direct, indirect, incidental or relating to the construction, acquisition, modification, repair, or rental of facilities, land, or equipment for use in instruction in science and engineering.

Fellowships, traineeships, and training grants awards (stipends and cost-of-education allowances) training of individuals or groups of individuals to meet future demand for scientific and technical personnel. Excluded from this category are funds for research seminars, and conferences; educational institutes,

conferences; and the development of educational issues or materials.

General support for science includes activities which provide support for non-specific or generalized purposes related to scientific research and education. Such projects are generally oriented toward academic departments, institutes, or institutions as a whole. "General support" implies a spectrum of varying types of support. At one extreme is support provided without any specification of purpose other than that funds be used for scientific activities. Another kind of "general support" is to be found in projects that provide funds for activity within a specified field of science or engineering but without specification of explicit purpose. The distinguishing feature of "general support for science" projects is that they permit a significant measure of freedom as to purpose (research, faculty support, education, institutional support, etc.). Among the projects reported under the category "General Support for Science" were projects awarded through the following agency programs:

- NIH General Research Support Grants
- NIH Health Sciences Advancement Awards
- NIH Biomedical Sciences Support Grants
- NSF Institutional Grants for Science
- NSF Science Development Program
- NSF College Science Improvement Program
- NSF Cooperative College - School Science Program

Other science activities include USDA's cooperative extension programs; educational or research institutes, seminars, or conferences; and other science activities not included in one of the other five academic science categories.

Nonscience activities include all other programs not included in the six science categories defined above.

Fields of Science

Science and engineering represent the sum of all fields of science and engineering. These consist of eight broad categories and 32 detailed fields. Shown below are definitions of each broad field together with an illustrative list of disciplines under each of the detailed fields.

(a) **Physical sciences** are concerned with the understanding of the material universe and its phenomena. They comprise the fields of astronomy, chemistry, physics, and physical sciences not elsewhere classified. Examples of the disciplines under each of these fields follow.

Astronomy:
Laboratory astrophysics; optical astronomy; radio astronomy; theoretical astrophysics; X-ray, gamma-ray, neutrino astronomy.

Chemistry:
Inorganic; organo-metallic organic; physical.

Physics:
Acoustics; atomic and molecular; condensed matter; elementary particles; nuclear structure; optics; plasma.

Physical sciences, n.e.c.³

(b) **Mathematics** employs logical reasoning with the aid of symbols and is concerned with the development of methods of operation employing such symbols. Examples of mathematical disciplines are

Algebra; analysis; applied mathematics; computer science; foundations and logic; geometry; numerical analysis; statistics; and topology.

(c) **Environmental sciences** (terrestrial and extra-terrestrial) are concerned with the gross nonbiological properties of the areas of the solar system which directly or indirectly affect man's survival and welfare. They comprise the fields of atmospheric sciences, geological sciences, oceanography, and environmental sciences not elsewhere classified. Examples of the disciplines under each of these fields are

Atmospheric sciences:
Aeronomy; solar; weather modification; extraterrestrial atmospheres; meteorology.

Geological sciences:
Engineering geophysics; general geology; geodesy and gravity; geomagnetism; hydrology; inorganic geochemistry; isotopic geochemistry; organic geochemistry; laboratory geophysics; paleomagnetism; paleontology; physical geography and cartography; seismology; soil sciences.

Oceanography:
Chemical oceanography; geological oceanography; physical oceanography; marine geophysics.

Environmental sciences, n.e.c.³

(d) **Engineering** is concerned with studies directed toward developing engineering principles or toward making specific scientific principles usable in engineering practice. Engineering is divided into eight categories: Aeronautical, astronautical, chemical, civil, electrical, mechanical, metallurgy and materials, and engineering not elsewhere classified. Examples of disciplines under each of these engineering fields are

Aeronautical:
Aerodynamics.

Astronautical:
Aerospace; space technology.
Chemical:

Petroleum; petroleum refining; process.

Civil:

Architectural; hydraulic; hydrologic; marine; sanitary; environmental; structural; transportation.

Electrical:

Communication; electronic; power.

Mechanical:

Engineering mechanics.

Metallurgy and materials:

Ceramic; mining; textile; welding.

Engineering, n.e.c.³

Agricultural; industrial and management; nuclear; engineering; systems.

(e) **Life sciences** consist of the biological, clinical, and other medical sciences and life sciences not elsewhere classified.

Biological sciences are those which, apart from the medical and other medical sciences defined below, the origin, development, structure, function, and in other living things. The agricultural and basic medical sciences are included. Examples of biological sciences are

Anatomy; animal sciences; bacteriology; biochemistry; geography; biological oceanography; biophysics; embryology; entomology; evolutionary biology; immunology; microbiology; nutrition and metabolism; pharmacology; physical anthropology; plant sciences; radiobiology; systematics.

Clinical medical sciences are concerned with the pathogenesis, diagnosis or therapy of a particular or abnormal condition in living human subjects under controlled conditions.

Other medical sciences are concerned with studies of causes, effects, prevention, or control of abnormal conditions in man or in his environment as it relates except for the clinical aspects as defined above.

Life sciences, n.e.c.³

(f) **Psychology** deals with behavior, mental processes, individual and group characteristics and personality. Psychology is divided into three categories: aspects, social aspects, and psychological sciences not elsewhere classified. Examples of the disciplines under these fields are

³ Not elsewhere classified. This category includes disciplinary projects within the broad field of a discipline projects for which a separate field has been assigned.

ological aspects:
mental psychology; animal behavior; clinical
psychology; comparative psychology; ethology.

Social aspects:
Social psychology; educational, personnel, vocational
psychology and testing; industrial and engineering
psychology; development and personality.

Psychological sciences, n.e.c.³

(g) **Social sciences** are directed toward an understanding of
the behavior of social institutions and of individuals as
members of a group. These include anthropology, economics,
history, linguistics, political science, sociology, and social
sciences not elsewhere classified. Examples of the disciplines
under each of these fields are

Anthropology:

Archaeology; cultural and personality; social and ethnology;
applied anthropology.

Economics:

Econometrics and economic statistics; history of economic
thought; international economics; industrial, labor and
agricultural economics; macroeconomics; microeconomics;
public finance and fiscal policy; theory.

History:

Cultural; political, social; history and philosophy of science.

Linguistics:

Anthropological-archaeological; computational; psycho-
linguistics; sociolinguistics.

Political science:

Area or regional studies; comparative government; history of
political ideas; international relations and law; national
political and legal systems; political theory; public
administration.

Sociology:

Comparative and historical complex organizations; culture
and social structure; demography; group interactions; social
problems and social welfare; sociological theory.

Social sciences, n.e.c.³

Research in law and education, n.e.c.; socioeconomic
geography.

(h) **Other sciences not elsewhere classified** for this report
include single projects as well as multidisciplinary and inter-
disciplinary projects that could not be classified within one of
the above broad fields of science.

APPENDIX B

Statistical Tables

Summary Tables

	Page
B-1 Federal obligations to universities and colleges, by type of program and agency, FY 1963-72	44
B-2 Federal obligations to universities and colleges, by agency and type of activity, FY 1972	45
B-3 HEW obligations to universities and colleges, by HEW component and type of activity, FY 1972	46
B-4 DOD obligations to universities and colleges, by DOD component and type of activity, FY 1972	46

Geographic Distribution

B-5 Total Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, and type of activity, FY 1972 ...	47
B-6 Total Federal obligations to universities and colleges, by geographic division, State, and agency, FY 1972	50

Field of Science

B-7 Federal obligations for academic science, by geographic division, State, and agency, FY 1972	51
B-8 Distribution of Federal obligations to universities and colleges and degrees awarded by universities and colleges, by geographic division and State, various years	52

Ranking Tables

B-9 Total Federal obligations to the 100 universities and colleges receiving the largest amounts, by type of activity, FY 1972	53
B-10 Total Federal obligations to the 100 universities and colleges receiving the largest amounts, by agency, FY 1972 ...	55

B-11 Federal obligations for academic science to the 100 universities and colleges receiving the largest amounts, by agency, FY 1972	44
B-12 Federal obligations for research and development to the 100 universities and colleges receiving the largest amounts, by agency, FY 1972	45
B-13 Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, by agency, FY 1972	46
B-14 Federal obligations for general support for science to the 100 universities and colleges receiving the largest amounts, by agency, FY 1972	46
B-15 Federal obligations for facilities and equipment for instruction in the science and engineering to the 100 universities and colleges receiving the largest amount by agency, FY 1972	47
Field of Science	
B-16 Federal obligations for research and development to universities and colleges by detailed field of science and agency FY 1972	51
B-17 HEW obligations to universities and colleges for research and development, by detail field of science and HEW component, FY 1972	52
B-18 DOD obligations to universities and colleges for research and development, by detail field of science and DOD component, FY 1972	53
B-19 Federal obligations for research and development to the 100 universities and colleges receiving the largest amounts by major field of science, FY 1972 ...	55

	Page		Page
B-20 Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by detailed field of science and agency, FY 1972	72	B-25 Percent distribution of Federal obligations to universities and colleges, by geographic division, State, type of control, and type of activity, FY 1972	82
B-21 HEW obligations to universities and colleges for fellowships, traineeships, and training grants, by detailed field of science and HEW component, FY 1972 .	73	B-26 Total Federal obligations to the 100 public universities and colleges receiving the largest amounts, by agency, FY 1972	85
B-22 Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, by major field of science, FY 1972	74	B-27 Total Federal obligations to the 100 private universities and colleges receiving the largest amounts, by agency, FY 1972	87
Type of Control			
B-23 Federal obligations to universities and colleges, by agency and type of control, FY 1972	75	Institution Listings	
B-24 Total Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, type of control, and type of activity, FY 1972	76	B-28 Total Federal obligations to universities and colleges, by State, institution, and agency, FY 1972	89
		B-29 Federal obligations to universities and colleges for research and development, by State, institution, and agency, FY 1972	123
		B-30 Federal obligations to universities and colleges for R&D plant, by State, institution, and agency, FY 1972	134

Program and year	Total	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	Other ¹
Total Federal obligations:													
1963	1,413.0	104.0	76.1	1.8	218.0			665.3	4.0	87.4	256.3		
1964	1,625.0	115.0	79.9	1.7	258.1			780.0	5.3	107.6	277.5		
1965	2,305.5	135.6	84.4	2.6	267.9			1,345.6	9.7	134.3	325.2		
1966	3,010.0	141.0	96.9	2.8	278.0			1,952.2	22.4	142.2	374.5		
1967	3,311.1	144.8	109.6	7.9	264.1			2,231.2	27.4	131.5	394.5		
1968	3,379.7	144.2	119.7	9.8	243.1	54.7		2,215.2	28.2	129.8	422.8	3.8	8.4
1969	3,453.3	155.9	121.0	3.9	278.7	60.4		2,293.4	24.3	127.2	367.0	NA	21.4
1970	3,226.7	182.1	114.5	4.9	265.5	35.6		2,051.0	27.7	131.2	387.4	10.1	16.6
1971	3,487.4	214.6	105.8	9.7	249.0	37.5	27.2	2,263.4	22.6	134.1	387.7	10.8	25.0
1972	4,130.6	238.6	95.3	26.0	243.9	30.0	23.3	2,827.9	24.4	119.0	458.7	15.9	27.7
Academic science obligations:													
1963	1,328.5	104.0	76.1	1.8	218.0			581.0	3.8	87.4	256.3		
1964	1,528.6	115.0	79.9	1.7	258.1			683.8	5.1	107.6	277.5		
1965	1,816.2	135.6	84.4	2.6	267.9			856.5	9.6	134.3	325.2		
1966	2,163.5	141.0	96.9	2.8	278.0			1,109.2	19.1	142.2	374.5		
1967	2,323.8	144.8	109.6	4.4	264.1			1,251.0	23.9	131.5	394.5		
1968	2,349.8	144.2	119.7	8.0	243.1	12.5		1,229.4	28.2	129.8	422.8	3.7	8.4
1969	2,361.4	155.9	121.0	2.2	278.7	9.3		1,261.8	24.3	127.2	367.0	NA	14.0
1970	2,187.6	182.1	114.5	3.9	265.5	18.9		1,036.7	27.7	131.2	387.4	10.1	9.6
1971	2,313.1	214.6	105.8	7.6	249.0	16.4	27.2	1,142.3	22.6	134.1	387.7	10.8	25.0
1972	2,599.0	238.6	95.3	26.0	243.9	8.3	23.2	1,318.4	24.3	119.0	458.7	15.9	27.5
Research and development:													
1963	829.5	40.6	68.3	1.5	218.0			332.9	3.8	59.8	104.6		
1964	975.6	47.5	70.5	1.1	258.1			399.2	5.0	78.2	115.8		
1965	1,095.0	59.1	74.8	2.1	267.9			441.9	9.5	100.6	139.2		
1966	1,252.1	62.9	83.2	2.1	278.0			507.3	18.7	107.4	192.5		
1967	1,301.2	64.0	89.7	3.4	264.1			577.0	23.9	109.0	170.2		
1968	1,398.3	62.2	101.8	6.7	243.1	12.5		619.1	27.8	126.1	187.7	3.7	7.6
1969	1,474.7	63.6	103.1	1.7	278.7	9.3		667.1	23.5	122.3	191.5	NA	13.9
1970	1,446.6	67.4	101.4	3.2	265.5	18.9		614.9	27.1	127.4	201.2	10.1	9.6
1971	1,551.4	74.8	95.9	6.9	249.0	16.4	17.0	695.7	21.3	128.5	216.9	8.0	21.0
1972	1,853.0	88.6	86.8	23.6	243.9	8.3	17.7	879.3	23.0	112.4	334.7	12.4	22.3
R&D plant:													
1963	105.9		2.6					39.2	.1	13.4	50.6		
1964	100.8		4.0					39.9		9.1	47.8		
1965	126.2	3.2	3.8					54.8	(²)	8.4	56.0		
1966	114.8	2.0	7.4					48.5	.2	7.4	49.3		
1967	111.3	2.0	13.8	.3				38.1		5.0	52.1		
1968	96.1	1.9	11.9	.2				36.9			45.3		
1969	54.5	1.2	11.4					20.5			21.4	NA	
1970	44.8	1.1	7.1	(²)				20.0			16.5		
1971	29.9		4.8					15.2		.2	9.7		
1972	36.9		4.1					22.2		.6	10.0		
Other science activities:													
1963	393.1	63.4	5.3	.3				208.9	(²)	14.1	101.1		
1964	452.2	67.5	5.4	.6				244.6	(²)	20.2	113.9		
1965	595.0	73.3	5.9	.6				359.8	(²)	25.4	130.1		
1966	796.6	76.1	6.3	.7				553.3	.2	27.3	132.7		
1967	911.2	78.8	6.2	.7				635.9	(²)	17.4	172.3		

Program and year	Total	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	Other ¹
Other science activities: Con.													
1968	885.4	80.1	6.1	1.0	.....	.....	.....	573.4	.4	3.7	189.9	(²)	.8
1969	832.2	91.1	6.5	.5	(²)	.....	.....	574.1	.9	5.0	154.1	NA	.1
1970	696.2	113.5	5.9	.7	(²)	.....	.....	401.9	.6	3.8	169.7	.....	.....
1971	761.8	139.8	5.2	.8	.....	.....	10.1	431.5	1.3	5.3	161.1	2.8	3.9
1972	709.1	150.0	4.4	2.4	.....	.....	5.6	416.9	1.2	6.0	113.9	3.5	5.2
Nonscience activities:													
1963	84.5	.....	.....	.....	.....	.....	.....	84.3	.2	.....	.....	.....	.....
1964	96.4	.....	.....	.....	.....	.....	.....	96.2	.2	.....	.....	.....	.....
1965	489.3	(²)	.....	.....	.....	.....	.....	489.1	.1	.....	.....	.....	.....
1966	846.4	(²)	.....	.....	.....	.....	.....	843.1	3.4	.....	.....	.....	.....
1967	987.3	(²)	.....	3.5	.....	.....	.....	980.2	3.5	.....	.....	.....	.....
1968	1,029.9	.....	.....	1.8	.....	42.2	.....	985.8	.....	.....	.....	.....	.1
1969	1,091.9	.....	.....	1.8	(²)	51.1	.....	1,031.6	.....	.....	.....	NA	7.4
1970	1,039.2	.....	.....	1.0	(²)	16.7	.....	1,014.3	.....	.....	.....	.....	7.1
1971	1,144.3	.....	.....	2.0	.....	21.1	.....	1,121.1	(²)	.....	.....	.....	.....
1972	1,531.6	.....	.....	.....	.....	21.7	.....	1,509.5	.1	.....	.....	.....	.2

¹Includes AID, HUD, and Labor.

²Less than \$50,000.

NA-Not Available

SOURCE: National Science Foundation

Table B-2. Federal obligations to universities and colleges, by agency and type of activity: FY 1972

(Dollars in thousands)

Agency	Total obligations	Academic science							Nonscience activities
		Total academic science	Research and development	R&D plant	Facilities and equipment for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science	Other science activities	
Total, all agencies	4,130,561	2,598,989	1,852,963	36,917	26,341	387,888	83,288	211,592	1,531,572
Department of Agriculture	238,555	238,555	88,566	.....	488	.....	.....	149,501	.....
Atomic Energy Commission	95,267	95,267	86,786	4,074	1,912	2,004	.....	491	.....
Department of Commerce	26,021	26,021	23,591	.....	.....	381	1,481	568	.....
Department of Defense	243,884	243,884	243,884	.....	.....	.....	.....	.....	.....
Office of Economic Opportunity	30,005	8,257	8,257	.....	.....	.....	.....	.....	21,748
Environmental Protection Agency	23,284	23,284	17,709	.....	.....	5,575	.....	.....	.....
Department of Health, Education, and Welfare	2,827,941	1,318,436	879,278	22,240	20,942	346,644	40,713	8,619	1,509,505
Department of the Interior	24,395	24,252	23,045	.....	.....	.....	1,207	.....	143
National Aeronautics and Space Administration	119,000	119,000	112,426	575	.....	1,071	.....	4,928	.....
National Science Foundation	458,678	458,678	334,722	10,028	2,999	28,752	34,692	47,485	.....
Department of Transportation	15,874	15,874	12,413	.....	.....	3,461	.....	.....	.....
Other ¹	27,657	27,481	22,286	.....	.....	.....	5,195	.....	176

¹Includes AID, HUD, and Labor.

SOURCE: National Science Foundation

**Table B-3. HEW obligations to universities and colleges,
by HEW component and type of activity: FY 1972**

(Dollars in thousands)

HEW Component	Total obligations	Academic science							Nonscience activities
		Total academic science	Research and development	R&D plant	Facilities and equipment for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science	Other science activities	
Total	2,827,941	1,318,436	879,278	22,240	20,942	346,644	40,713	8,619	1,509,505
National Institutes of Health	1,356,468	962,103	722,658	22,240	.....	170,929	40,713	5,563	394,365
Health Services and Mental Health Administration	358,810	198,102	92,982	.....	.....	103,883	.....	1,237	160,708
Office of Education	998,762	92,183	30,460	.....	20,942	40,541	.....	240	906,579
Social and Rehabilitation Service	52,865	52,865	22,677	.....	.....	30,188	.....	.....	.....
Social Security Administration	334	334	334	.....	.....	.....	.....	.....	.....
Food and Drug Administration	7,533	7,533	4,851	.....	.....	1,103	.....	1,579	.....
Other HEW	53,169	5,316	5,316	.....	.....	.....	.....	.....	47,853

SOURCE: National Science Foundation

46

**Table B-4. DOD obligations to universities and colleges,
by DOD component and type of activity: FY 1972**

(Dollars in thousands)

DOD Component	Total obligations	Academic science							Nonscience activities
		Total academic science	Research and development	R&D plant	Facilities and equipment for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science	Other science activities	
Total	243,884	243,884	243,884 ¹	.....	.....	.....	.....	.....	.....
Army	50,970	50,970	50,970	.....	.....	.....	.....	.....	.....
Navy	102,082	102,082	102,082	.....	.....	.....	.....	.....	.....
Air Force	85,873	85,873	85,873	.....	.....	.....	.....	.....	.....
Other DOD	4,959	4,959	4,959	.....	.....	.....	.....	.....	.....

¹Includes some R&D plant funding which could not be reported separately.

SOURCE: National Science Foundation.

TABLE B-5 TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, AND TYPE OF ACTIVITY, FY 1972 (DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE								NON-SCIENCE
		TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTN. IN SCI. & ENG.	FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE		
UNITED STATES, TOTAL	AMT 4,130,561 NO. 2,413	2,598,989 1,413	1,852,963 637	36,917 97	26,341 812	387,888 797	83,288 692	211,592 472	1,531,572 2,389	
NEW ENGLAND, TOTAL	AMT 418,516 NO. 219	328,230 124	263,051 59	5,702 9	1,680 68	40,893 69	6,885 64	10,019 36	90,286 213	
MAINE	AMT 8,877 NO. 22	3,851 11	1,737 4	0 0	83 8	445 5	141 5	1,445 4	5,026 21	
NEW HAMPSHIRE	AMT 16,652 NO. 20	9,690 9	6,742 4	28 1	105 7	1,173 5	345 4	1,297 2	6,962 20	
VERMONT	AMT 13,436 NO. 18	7,517 12	5,040 5	0 0	129 7	862 6	315 4	1,171 2	5,919 18	
MASSACHUSETTS	AMT 288,183 NO. 111	240,568 61	200,456 28	4,142 5	722 23	27,272 36	4,423 34	3,553 18	47,615 107	
RHODE ISLAND	AMT 21,671 NO. 13	16,028 10	13,566 5	47 1	147 8	1,089 5	464 4	715 3	5,643 13	
CONNECTICUT	AMT 69,697 NO. 35	50,576 21	35,510 13	1,485 2	494 15	10,052 12	1,197 13	1,838 7	19,121 34	
MIDDLE ATLANTIC, TOTAL	AMT 672,437 NO. 378	443,829 243	323,339 106	4,058 15	4,336 129	73,417 135	15,961 122	22,718 103	228,608 375	
NEW YORK	AMT 403,601 NO. 205	282,483 118	209,541 64	3,392 8	2,142 42	47,451 73	8,684 65	11,273 59	121,118 202	
NEW JERSEY	AMT 67,660 NO. 50	35,329 28	25,810 10	302 3	601 17	4,630 19	1,680 14	2,306 9	32,331 50	
PENNSYLVANIA	AMT 201,176 NO. 123	126,017 97	87,988 32	364 4	1,593 70	21,336 43	5,597 43	9,139 35	75,159 123	
EAST NORTH CENTRAL, TOTAL	AMT 630,134 NO. 367	401,969 203	285,295 91	2,661 15	4,821 124	63,494 117	12,436 107	33,262 59	228,165 362	
OHIO	AMT 134,184 NO. 83	77,926 46	54,080 26	615 4	1,020 29	13,113 33	2,027 29	7,071 17	56,258 83	
INDIANA	AMT 81,014 NO. 42	51,652 24	34,599 10	423 3	611 13	6,178 16	3,365 11	6,476 8	29,362 40	
ILLINOIS	AMT 178,369 NO. 110	119,074 53	86,675 21	1,247 4	1,199 30	19,456 27	2,317 28	8,180 13	59,235 110	
MICHIGAN	AMT 141,409 NO. 80	88,082 41	62,220 18	202 2	928 25	14,797 19	3,717 23	6,218 9	53,327 79	
WISCONSIN	AMT 95,218 NO. 52	65,235 39	47,721 16	174 2	1,063 27	9,950 22	1,010 16	5,317 12	29,983 50	
WEST NORTH CENTRAL, TOTAL	AMT 320,919 NO. 271	181,384 142	118,603 56	394 6	1,947 88	31,683 82	5,488 59	23,269 40	139,535 271	
MINNESOTA	AMT 78,318 NO. 51	51,736 28	36,577 8	60 1	510 15	9,202 15	961 13	4,426 7	26,582 51	
IOWA	AMT 49,990 NO. 52	27,558 22	16,938 9	0 0	289 15	4,675 14	1,223 13	4,433 5	22,432 52	
MISSOURI	AMT 93,450 NO. 63	55,690 37	37,569 15	105 2	485 22	10,549 19	1,525 13	5,457 12	37,760 63	
NORTH DAKOTA	AMT 14,781 NO. 11	6,128 7	3,788 4	0 0	69 6	525 5	121 3	1,625 3	8,653 11	
SOUTH DAKOTA	AMT 16,279 NO. 16	5,873 12	3,094 5	0 0	115 11	516 8	144 4	2,004 3	10,406 16	
NEBRASKA	AMT 27,081 NO. 27	12,063 18	7,369 9	14 1	167 9	1,791 9	335 5	2,387 5	15,018 27	
KANSAS	AMT 41,020 NO. 51	22,336 18	13,268 6	215 2	312 10	4,425 12	1,179 8	2,937 5	18,684 51	

CONTINUED

TABLE B-5 TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, AND TYPE OF ACTIVITY, FY 1972 (DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE	AMT NO.	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE-----							OTHER SCIENCE	NON- SCIENCE
			TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&O PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE			
SOUTH ATLANTIC, TOTAL	AMT NO.	632,784 410	340,388 239	220,062 94	6,778 15	3,792 123	57,320 132	14,780 103	37,656 73	292,396 403	
DELAWARE	AMT NO.	7,512 7	4,868 5	2,098 2	15 1	88 5	351 3	78 2	1,438 2	2,644 7	
MARYLAND	AMT NO.	96,468 48	70,817 26	53,596 15	162 2	237 8	12,013 16	1,472 13	3,337 7	25,651 48	
DIST. OF COLUMBIA	AMT NO.	108,149 16	31,345 12	21,766 8	30 1	291 9	6,739 8	1,035 8	1,484 8	76,804 15	
VIRGINIA	AMT NO.	59,285 60	32,903 41	19,442 14	87 1	485 30	5,372 15	1,780 18	5,737 10	26,382 60	
WEST VIRGINIA	AMT NO.	22,689 23	8,789 16	4,145 6	14 1	539 8	1,310 9	229 5	2,552 2	13,900 22	
NORTH CAROLINA	AMT NO.	133,693 94	83,440 47	49,045 12	5,682 3	578 25	15,656 29	4,325 19	8,154 11	47,253 94	
SOUTH CAROLINA	AMT NO.	35,305 42	12,444 25	5,711 7	49 2	637 15	1,529 12	399 6	4,119 5	22,861 42	
GEORGIA	AMT NO.	70,529 61	39,275 33	24,852 18	42 1	328 7	5,706 23	2,220 18	6,127 12	31,254 57	
FLORIDA	AMT NO.	102,154 59	56,507 34	38,607 12	697 3	609 16	8,644 17	3,242 14	4,788 16	45,647 58	
EAST SOUTH CENTRAL, TOTAL	AMT NO.	244,892 178	112,099 93	63,052 39	1,388 8	1,743 53	15,755 58	7,595 46	22,566 36	132,793 178	
KENTUCKY	AMT NO.	42,601 32	18,340 17	9,245 6	9 1	500 11	2,673 14	645 8	5,268 7	24,261 32	
TENNESSEE	AMT NO.	86,661 59	42,255 33	24,866 16	126 4	408 17	7,913 22	3,017 15	5,925 15	44,406 59	
ALABAMA	AMT NO.	74,725 48	34,528 25	21,101 11	1,200 1	581 15	3,832 15	2,214 13	5,600 8	40,197 48	
MISSISSIPPI	AMT NO.	40,905 39	16,976 18	7,840 6	53 2	254 10	1,337 7	1,719 10	5,773 6	23,929 39	
WEST SOUTH CENTRAL, TOTAL	AMT NO.	312,988 204	172,897 141	108,607 71	4,977 4	2,551 89	23,034 77	7,715 71	26,013 45	140,091 203	
ARKANSAS	AMT NO.	27,544 23	13,056 14	6,601 7	0 0	236 10	1,160 7	319 6	4,740 4	14,488 23	
LOUISIANA	AMT NO.	58,026 24	29,504 21	16,511 15	0 0	476 15	5,441 14	2,510 15	4,566 11	28,522 24	
OKLAHOMA	AMT NO.	38,595 34	16,949 23	7,963 10	32 1	222 11	2,889 14	691 10	5,152 7	21,646 34	
TEXAS	AMT NO.	188,823 123	113,388 83	77,532 39	4,945 3	1,617 53	13,544 42	4,195 40	11,555 23	75,435 122	
MOUNTAIN, TOTAL	AMT NO.	223,755 101	137,159 69	98,681 33	3,847 7	1,036 46	16,691 39	3,159 38	13,735 26	86,596 100	
MONTANA	AMT NO.	12,973 12	5,927 10	3,593 2	0 0	128 8	718 4	159 4	1,329 3	7,046 12	
IDAHO	AMT NO.	7,886 8	3,494 7	1,789 3	0 0	77 5	306 4	143 2	1,179 2	4,392 8	
WYOMING	AMT NO.	7,372 8	4,494 3	2,996 1	8 1	53 3	267 1	80 1	1,090 1	2,878 8	
COLORADO	AMT NO.	69,220 29	48,694 17	37,045 8	64 2	266 6	6,388 10	1,023 11	3,908 7	20,526 29	
NEW MEXICO	AMT NO.	37,147 10	20,947 8	12,468 6	3,375 1	154 5	1,585 7	443 6	2,922 4	16,200 10	
ARIZONA	AMT NO.	34,809 17	17,587 11	12,082 5	82 1	200 8	3,292 7	473 6	1,548 3	17,222 17	
UTAH	AMT NO.	47,370 12	31,734 9	25,471 5	318 2	68 8	3,898 4	741 5	1,238 4	15,636 12	

GEOGRAPHIC DIVISION AND STATE	TOTAL, ALL ACTIVITIES	TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	PROJECTS INSTR. IN SCI. & ENG.	FELLOWSHIPS TRAINESHIPS, GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON- SCIENCE	
MOUNTAIN										
NEVADA	AMT NO.	6,978 5	4,282 4	3,247 3	0 0	90 3	327 2	97 3	521 2	2,696 4
PACIFIC, TOTAL	AMT NO.	646,185 275	468,087 150	367,033 82	7,025 18	2,588 84	64,027 81	8,984 76	18,430 50	178,098 274
WASHINGTON	AMT NO.	95,666 39	67,682 32	52,826 10	298 2	428 23	10,380 15	1,046 11	2,704 6	27,984 39
OREGON	AMT NO.	51,122 38	32,444 25	22,884 15	122 2	229 13	6,056 15	807 10	2,346 10	18,678 37
CALIFORNIA	AMT NO.	465,559 190	341,857 90	269,927 55	6,277 12	1,798 45	46,116 49	6,150 53	11,589 32	123,702 190
ALASKA	AMT NO.	10,962 3	9,673 2	8,419 1	49 1	76 2	50 1	222 1	857 1	1,229 3
HAWAII	AMT NO.	22,936 5	16,431 1	12,977 1	279 1	57 1	1,425 1	759 1	934 1	6,505 5
OUTLYING AREAS, TOTAL	AMT NO.	27,951 10	12,947 9	5,230 6	87 0	1,847 8	1,574 7	285 6	3,924 4	15,004 10
GUAM	AMT NO.	493 1	83 1	42 1	0 0	32 1	0 0	9 1	0 0	410 1
PUERTO RICO	AMT NO.	26,896 8	12,740 7	5,182 4	87 0	1,783 6	1,552 6	265 4	3,871 3	14,156 8
VIRGIN ISLANDS	AMT NO.	562 1	124 1	6 1	0 0	32 1	22 1	11 1	53 1	438 1

SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-6

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY GEOGRAPHIC DIVISION, STATE, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE	TOTAL	USOA	AFC	COM	DOO	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
UNITED STATES, TOTAL	4,130,561	238,555	95,267	25,021	243,884	30,085	23,284	2,427,941	24,395	119,000	458,678	15,874	27,657
NEW ENGLAND, TOTAL	414,516	9,956	14,144	3,872	69,147	1,211	2,131	222,072	1,244	26,735	62,756	2,369	2,741
MAINE	4,477	1,967	1	194	24	0	77	5,666	107	0	433	0	0
NEW HAMPSHIRE	15,652	1,312	50	524	260	0	50	11,906	100	721	1,729	0	0
VERMONT	13,436	1,410	21	0	376	0	69	10,698	100	15	501	146	0
MASSACHUSETTS	244,143	2,676	10,496	1,729	63,445	1,211	1,660	130,693	538	25,268	46,084	2,196	2,187
RHODE ISLAND	21,671	1,070	607	1,336	2,046	0	195	9,841	215	204	6,144	13	0
CONNECTICUT	69,697	1,521	3,013	85	3,032	0	90	53,268	228	527	7,375	14	554
MIDDLE ATLANTIC, TOTAL	672,437	18,871	20,196	2,674	29,311	4,422	3,224	488,637	2,095	12,648	85,490	2,033	2,432
NEW YORK	403,601	7,872	14,223	1,309	17,017	4,130	1,619	292,616	693	7,523	53,366	764	2,469
NEW JERSEY	67,650	2,854	2,114	1,030	3,637	0	449	45,448	172	3,005	4,246	647	14
PENNSYLVANIA	201,176	4,145	3,855	335	4,657	292	1,120	150,573	1,230	2,120	23,874	622	349
EAST NORTH CENTRAL, TOTAL	530,134	32,140	19,242	3,514	34,160	5,396	4,797	424,172	1,928	16,006	80,460	3,798	4,481
OHIO	134,184	7,505	1,401	116	11,037	1,217	1,013	98,548	368	1,613	9,663	283	1,420
INDIANA	41,014	5,669	2,562	269	2,741	49	440	48,864	526	1,941	15,462	1,507	940
ILLINOIS	174,309	6,951	4,139	213	4,677	451	1,293	118,739	346	4,160	28,203	745	342
MICHIGAN	141,409	6,541	4,244	1,136	9,052	590	1,124	93,572	304	5,410	16,198	1,065	1,725
WISCONSIN	95,214	5,474	2,446	1,780	2,653	3,049	923	64,445	380	2,482	10,934	198	54
WEST NORTH CENTRAL, TOTAL	320,919	30,531	2,776	203	5,970	709	1,357	242,776	4,592	6,625	20,124	627	4,524
MINNESOTA	78,314	5,479	1,440	0	2,056	398	755	56,108	954	2,590	5,323	115	3,500
IOWA	49,990	5,646	207	22	765	0	202	36,561	426	1,829	3,724	303	265
MISSOURI	93,450	7,108	357	26	2,356	311	162	75,915	358	1,160	5,249	190	254
NORTH DAKOTA	14,741	2,395	4	105	100	0	46	9,886	1,790	16	439	0	0
SOUTH DAKOTA	16,279	2,343	43	20	105	0	52	11,483	1,104	11	1,103	15	0
NEBRASKA	27,041	3,701	44	20	74	0	64	21,321	234	199	1,113	0	295
KANSAS	41,020	3,819	677	10	510	0	72	31,502	222	420	3,178	4	206
SOUTH ATLANTIC, TOTAL	632,744	45,972	4,474	4,037	22,401	4,722	3,915	467,746	2,459	11,462	47,958	2,911	6,725
DELAWARE	7,512	1,451	13	0	245	0	74	3,541	100	30	2,058	0	0
MARYLAND	96,468	3,312	3,014	339	3,441	1,343	143	67,810	150	5,252	8,434	0	2,750
DIST. OF COLUMBIA	104,149	611	174	92	4,117	4,211	435	93,628	86	1,453	2,657	344	341
VIRGINIA	59,245	6,909	911	106	1,305	0	113	41,739	475	2,335	4,374	443	575
WEST VIRGINIA	22,649	3,670	0	36	75	607	294	16,485	611	57	409	370	75
NORTH CAROLINA	130,693	11,042	1,560	1,161	3,090	352	1,091	98,793	237	485	10,440	234	2,168
SOUTH CAROLINA	35,305	6,819	55	8	509	0	360	26,489	147	101	1,514	63	0
GEORGIA	70,529	4,055	931	146	3,044	0	359	50,064	293	475	5,672	975	115
FLORIDA	102,154	4,863	1,416	2,149	6,175	2,169	1,006	69,199	320	474	12,400	482	701
EAST SOUTH CENTRAL, TOTAL	244,492	32,524	1,471	234	3,021	2,155	442	188,235	1,178	2,938	10,436	469	585
KENTUCKY	42,631	4,494	40	0	295	0	17	31,483	242	540	1,390	100	0
TENNESSEE	86,661	7,802	1,741	142	963	55	171	69,944	374	411	4,610	349	45
ALABAMA	74,725	4,269	70	9	1,555	1,638	116	58,333	436	1,674	2,105	20	500
MISSISSIPPI	40,905	7,959	20	47	208	452	534	24,475	122	313	2,731	0	0
WEST SOUTH CENTRAL, TOTAL	312,988	29,443	3,176	2,644	12,448	2,622	1,530	225,460	1,269	9,525	21,571	1,052	1,796
ARKANSAS	27,544	6,012	44	101	0	0	36	20,095	162	29	1,021	0	0
LOUISIANA	54,026	5,946	231	721	1,070	51	329	44,180	125	713	4,005	150	505
OKLAHOMA	34,595	5,098	57	106	1,764	0	421	26,994	283	956	2,795	117	0
TEXAS	198,823	12,787	2,400	1,720	9,654	2,571	744	134,195	699	7,427	13,750	785	1,291
MOUNTAIN, TOTAL	223,755	15,941	3,559	1,456	17,759	1,069	1,657	137,962	6,504	9,235	25,290	724	2,599
MONTANA	12,973	2,425	71	0	72	0	265	8,524	440	95	1,081	0	0
IDAHO	7,846	1,940	18	6	223	0	0	4,747	352	0	560	0	0
WYOMING	7,372	1,273	84	0	564	0	110	3,345	912	101	943	0	0
COLORADO	69,220	2,828	1,050	1,171	4,202	251	369	40,290	1,625	3,972	12,226	153	1,083
NEW MEXICO	37,147	2,158	79	0	5,523	246	24	24,050	453	2,132	1,586	224	628
ARIZONA	34,809	2,367	382	6	2,469	532	199	23,509	337	1,421	3,065	36	86
UTAH	47,370	1,812	1,504	227	4,420	0	397	30,249	1,356	1,104	5,184	311	402
NEVADA	6,978	1,098	371	46	286	0	249	3,248	1,029	10	601	0	0
PACIFIC, TOTAL	646,185	17,087	18,745	7,376	49,547	3,699	3,785	411,982	2,882	23,426	103,951	1,891	1,374
WASHINGTON	95,666	3,533	2,737	2,071	5,510	274	416	66,773	410	980	12,375	176	11
OREGON	51,122	2,967	404	1,762	1,714	249	661	35,257	256	504	6,646	0	298
CALIFORNIA	465,559	8,151	14,323	1,726	37,621	3,176	2,192	296,164	1,420	19,474	78,367	1,715	430
ALASKA	10,302	1,050	247	527	3,097	0	116	2,148	232	670	2,405	0	0
HAWAII	22,436	1,376	634	1,290	1,641	0	0	11,640	164	2,198	3,754	0	235
OUTLYING AREAS, TOTAL	27,951	5,650	3,040	3	0	0	42	18,889	100	0	227	0	0
GUAM	493	0	0	0	0	0	42	442	0	0	9	0	0
PUERTO RICO	26,496	5,597	3,040	0	0	0	0	17,955	100	0	204	0	0
VIRGIN ISLANDS	562	53	0	3	0	0	0	492	0	0	14	0	0

* INCLUDES AID, HUD, AND LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION (NSF)

TABLE B-7

 FEDERAL OBLIGATIONS FOR ACADEMIC SCIENCE, BY
 GEOGRAPHIC DIVISION, STATE, AND AGENCY, FY 1972
 (DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE	TOTAL	USDA	AEC	COM	DOE	OED	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
UNITED STATES, TOTAL	2,599,999	239,555	95,267	26,021	243,894	8,257	23,284	1,318,436	24,252	119,000	458,678	15,874	27,481
NEW ENGLAND, TOTAL	329,230	9,956	14,199	3,872	69,197	405	2,131	132,592	1,288	26,735	62,766	2,369	2,741
MAINE	3,851	1,957	1	198	29	0	77	640	107	0	933	0	0
NEW HAMPSHIRE	9,690	1,312	50	524	260	0	53	4,964	100	721	1,729	0	0
VERMONT	7,517	1,410	21	0	376	0	69	4,779	100	15	601	146	0
MASSACHUSETTS	240,568	2,676	10,495	1,729	63,445	405	1,660	93,884	538	25,269	46,094	2,196	2,197
RHODE ISLAND	16,329	1,070	607	1,336	2,046	0	195	4,198	215	304	5,144	13	0
CONNECTICUT	50,576	1,521	3,013	85	3,032	0	80	34,147	228	527	7,375	14	554
MIDDLE ATLANTIC, TOTAL	443,829	19,871	20,196	2,674	29,311	590	3,229	263,861	2,095	12,648	85,490	2,033	2,832
NEW YORK	292,483	7,872	14,223	1,309	17,017	298	1,619	175,330	693	7,523	53,366	764	2,469
NEW JERSEY	35,329	2,854	2,118	1,030	3,637	0	499	13,117	172	3,005	8,246	647	14
PENNSYLVANIA	126,017	9,145	3,855	335	8,657	292	1,120	75,414	1,230	2,120	23,879	622	149
EAST NORTH CENTRAL, TOTAL	401,369	32,190	19,242	3,514	34,160	4,696	4,797	196,893	1,928	16,006	80,460	3,799	4,305
OHIO	77,926	7,505	1,401	116	11,037	1,192	1,013	42,315	368	1,613	9,563	283	1,420
INDIANA	51,652	5,659	2,562	269	2,741	89	440	19,505	525	1,941	15,462	1,507	940
ILLINOIS	119,074	6,951	8,189	213	8,677	0	1,293	59,955	346	4,160	28,213	745	342
MICHIGAN	88,092	6,591	9,244	1,136	9,952	590	1,129	40,421	309	5,810	16,139	1,065	1,549
WISCONSIN	65,235	5,474	2,846	1,740	2,653	2,815	923	34,696	380	2,482	10,934	199	54
WEST NORTH CENTRAL, TOTAL	191,344	30,531	2,776	203	6,970	197	1,357	103,788	4,657	6,625	20,129	627	4,524
MINNESOTA	51,736	5,479	1,440	0	2,056	0	755	29,924	554	2,590	5,323	115	3,500
IOWA	27,558	5,646	207	22	765	0	202	14,129	426	1,429	3,724	303	265
MISSOURI	55,690	7,108	357	26	2,356	137	162	38,269	358	1,160	5,249	190	258
NORTH DAKOTA	6,128	2,395	4	105	100	0	46	1,233	1,790	16	439	0	0
SOUTH DAKOTA	5,873	2,343	43	20	105	0	52	1,077	1,104	11	1,103	15	0
NEBRASKA	12,063	3,701	49	20	78	0	69	5,303	238	199	1,113	0	295
KANSAS	22,336	3,819	677	10	510	0	72	12,853	137	920	3,179	4	206
SOUTH ATLANTIC, TOTAL	340,399	45,972	8,474	4,037	22,401	591	3,915	183,483	2,459	11,462	47,358	2,911	6,725
DELAWARE	4,869	1,451	13	0	245	0	74	897	100	30	2,059	0	0
MARYLAND	70,817	3,312	3,014	339	3,941	237	183	43,305	150	5,252	8,434	0	2,750
DIST. OF COLUMBIA	31,345	511	174	92	4,117	204	435	20,831	86	1,453	2,657	344	341
VIRGINIA	12,903	6,909	911	106	1,305	0	113	15,357	475	2,335	4,374	443	575
WEST VIRGINIA	8,799	3,670	0	36	75	150	294	3,042	511	57	409	370	75
NORTH CAROLINA	83,440	11,082	1,560	1,161	3,090	0	1,091	51,892	237	485	10,440	234	2,168
SOUTH CAROLINA	12,444	6,019	55	8	509	0	360	3,628	187	101	1,514	63	0
GEORGIA	39,275	8,055	931	146	3,044	0	359	18,810	293	975	5,572	975	115
FLORIDA	56,507	4,863	1,816	2,149	6,175	0	1,006	25,721	320	974	12,400	492	701
EAST SOUTH CENTRAL, TOTAL	112,099	32,524	1,871	238	3,021	0	842	57,597	1,178	2,938	10,836	469	585
KENTUCKY	18,340	3,494	40	0	295	0	17	7,222	242	540	1,390	100	0
TENNESSEE	42,255	7,862	1,741	142	963	0	171	25,603	378	411	4,610	349	85
ALABAMA	34,528	9,269	70	9	1,555	0	116	19,774	436	1,674	2,105	20	500
MISSISSIPPI	16,976	7,959	20	87	208	0	539	4,998	122	313	2,731	0	0
WEST SOUTH CENTRAL, TOTAL	172,897	29,843	3,176	2,648	12,489	313	1,530	87,696	1,269	9,525	21,571	1,052	1,796
ARKANSAS	13,056	6,012	99	101	0	0	36	5,607	162	29	1,021	0	0
LOUISIANA	29,504	5,946	231	721	1,070	51	329	15,658	125	713	4,005	150	505
OKLAHOMA	16,949	5,098	57	106	1,764	0	421	5,352	293	356	2,795	117	0
TEXAS	113,388	12,747	2,800	1,720	9,654	252	744	61,079	699	7,827	13,750	785	1,291
MOUNTAIN, TOTAL	137,159	15,941	3,559	1,456	17,759	0	1,657	52,541	6,398	9,235	25,290	724	2,599
MONTANA	5,927	2,425	71	0	72	0	265	1,478	440	95	1,081	0	0
IDAHO	3,494	1,980	18	6	223	0	0	757	350	0	560	0	0
WYOMING	4,496	1,273	84	0	564	0	110	474	905	101	983	0	0
COLORADO	48,596	2,828	1,050	1,171	4,202	0	369	20,081	1,559	3,972	12,226	153	1,083
NEW MEXICO	20,947	2,158	79	0	5,523	0	29	8,136	453	2,132	1,585	224	628
ARIZONA	17,597	2,367	382	6	2,469	0	199	6,819	337	1,821	3,065	36	86
UTAH	31,736	1,812	1,504	227	4,420	0	397	14,634	1,335	1,104	5,198	311	802
NEVADA	4,292	1,099	371	46	286	0	299	562	1,019	10	601	0	0
PACIFIC, TOTAL	468,097	17,087	18,745	7,376	49,587	1,485	3,785	236,100	2,880	23,426	103,951	1,891	1,374
WASHINGTON	67,642	3,533	2,737	2,071	5,510	0	816	39,063	410	980	12,375	176	298
OREGON	32,444	2,967	804	1,762	1,718	0	651	16,830	254	504	6,646	0	111
CALIFORNIA	341,857	8,151	14,323	1,726	37,621	1,485	2,192	174,153	1,820	19,474	79,367	1,715	830
ALASKA	9,573	1,060	247	527	3,097	0	116	919	232	570	2,905	0	0
HAWAII	16,431	1,376	634	1,290	1,641	0	0	5,135	164	2,198	3,758	0	235
OUTLYING AREAS, TOTAL	12,947	5,650	3,040	3	0	0	42	3,885	100	0	227	0	0
GUAM	83	0	0	0	0	0	42	32	0	0	9	0	0
PUERTO RICO	12,740	5,597	3,040	0	0	0	0	3,799	100	0	204	0	0
VIRGIN ISLANDS	124	53	0	3	0	0	0	54	0	0	14	0	0

* INCLUDES AID, HUD, AND LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

Division and State	Total obligations	Total degrees awarded	Academic science obligations	R&D obligations	Degrees awarded in the sciences and engineering, 1970-71			M.D. & D.D.S. degrees
	FY 1972	1970-71	FY 1972	FY 1972	Ph.D.	Master's	Bachelor's	1970-71
United States, total	\$4,130,561	1,144,121	\$2,598,989	\$1,852,963	18,447	50,149	269,747	12,763
Percent of U.S. total								
New England	10.13	7.28	12.63	14.20	8.75	7.34	7.54	4.77
Maine	.21	.46	.15	.09	.07	.22	.52	.....
New Hampshire	.40	.44	.37	.36	.29	.31	.58	.....
Vermont	.33	.33	.29	.27	.13	.11	.45	.36
Massachusetts	6.98	4.00	9.26	10.82	5.97	4.87	4.10	3.73
Rhode Island	.52	.58	.62	.73	.81	.62	.58	.....
Connecticut	1.69	1.47	1.95	1.92	1.49	1.21	1.31	.68
Middle Atlantic	16.28	17.74	17.08	17.45	17.22	19.62	18.31	21.34
New York	9.77	9.59	10.87	11.31	10.18	11.92	10.00	11.37
New Jersey	1.64	2.33	1.36	1.39	1.97	2.58	2.16	1.34
Pennsylvania	4.87	5.81	4.85	4.75	5.07	5.12	6.15	8.63
East North Central	15.26	20.48	15.47	15.40	22.00	21.13	19.11	19.84
Ohio	3.25	5.00	3.00	2.92	3.82	4.47	4.67	4.47
Indiana	1.96	3.01	1.99	1.87	3.69	3.59	2.76	2.46
Illinois	4.32	5.26	4.58	4.68	6.66	5.66	4.88	6.63
Michigan	3.42	4.66	3.39	3.36	4.91	5.11	4.18	3.87
Wisconsin	2.31	2.54	2.51	2.58	2.93	2.31	2.62	2.41
West North Central	7.77	9.41	6.98	6.40	8.75	7.92	9.04	10.31
Minnesota	1.90	1.99	1.99	1.97	1.96	1.05	1.96	2.15
Iowa	1.21	1.64	1.06	.91	2.20	1.30	1.72	1.48
Missouri	2.26	2.41	2.14	2.03	2.07	2.86	2.31	3.67
North Dakota	.36	.42	.24	.20	.37	.43	.40	.....
South Dakota	.39	.50	.23	.17	.18	.54	.51	.....
Nebraska	.66	1.04	.46	.40	.51	.41	.83	2.06
Kansas	.99	1.40	.86	.72	1.45	1.34	1.30	.96
South Atlantic	15.32	12.50	13.10	11.88	11.24	11.20	12.41	15.27
Delaware	.18	.19	.19	.16	.33	.29	.21	.....
Maryland	2.34	1.49	2.72	2.89	1.71	1.12	1.33	2.53
District of Columbia	2.62	1.11	1.21	1.17	1.41	2.27	.85	3.61
Virginia	1.44	1.67	1.27	1.05	1.30	1.21	1.99	2.17
West Virginia	.55	.83	.34	.22	.34	.54	.78	.87
North Carolina	3.16	2.16	3.21	2.65	2.56	1.64	2.50	2.11
South Carolina	.85	.83	.48	.31	.44	.55	.88	.76
Georgia	1.71	1.83	1.51	1.34	1.29	1.50	1.72	1.98
Florida	2.47	2.39	2.17	2.08	1.85	2.09	2.14	1.24
East South Central	5.93	5.64	4.31	3.40	3.44	3.65	5.15	7.37
Kentucky	1.03	1.42	.71	.50	.61	.74	1.25	2.12
Tennessee	2.10	1.85	1.63	1.34	1.57	1.51	1.90	3.68
Alabama	1.81	1.42	1.33	1.14	.72	.74	1.30	.96
Mississippi	.99	.95	.65	.42	.54	.66	.70	.61
West South Central	7.58	8.74	6.65	5.86	7.25	7.84	8.02	8.36
Arkansas	.67	.77	.50	.36	.22	.44	.70	.81
Louisiana	1.40	1.63	1.14	.89	1.30	1.10	1.40	2.38
Oklahoma	.93	1.42	.65	.43	1.34	1.36	1.19	.86
Texas	4.57	4.93	4.36	4.18	4.40	4.94	4.73	4.30
Mountain	5.42	5.10	5.28	5.33	5.53	5.81	5.14	1.75
Montana	.31	.42	.23	.19	.30	.45	.43	.....
Idaho	.19	.29	.13	.10	.16	.36	.24	.....
Wyoming	.18	.15	.17	.16	.29	.26	.18	.....
Colorado	1.68	1.50	1.87	2.00	1.83	1.47	1.55	.78
New Mexico	.90	.51	.81	.67	.51	.77	.54	.20
Arizona	.84	1.05	.68	.65	1.25	1.35	.91	.23
Utah	1.15	1.05	1.22	1.37	1.10	1.03	1.15	.53
Nevada	.17	.13	.16	.18	.09	.12	.15	.....
Pacific	15.64	12.44	18.01	19.81	15.80	15.33	14.56	10.22
Washington	2.32	1.83	2.60	2.85	2.08	1.77	2.03	1.44
Oregon	1.24	1.25	1.25	1.23	1.71	1.25	1.18	1.25
California	11.27	8.93	13.15	14.57	11.56	11.68	10.94	7.52
Alaska	.26	.05	.37	.45	.07	.10	.05	.....
Hawaii	.56	.37	.63	.70	.38	.53	.37	.....
Outlying areas ¹	.68	.67	.50	.28	.01	.16	.72	.78

¹Includes Puerto Rico, Virgin Islands, and Guam. The amounts to the Virgin Islands and Guam were a small fraction of the total.

SOURCE: National Science Foundation

TABLE B-9

TOTAL FEDERAL OBLIGATIONS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE
LARGEST AMOUNTS, BY TYPE OF ACTIVITY, FY 1972
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE							NON- SCIENCE
			TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&O PLANT	FACIL. FOR INSTR. IN SCI. & ENG	FELLOWSHIPS, TRAINESHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	
	UNITED STATES, TOTAL	4,130,561	2,598,989	1,852,963	36,917	26,341	387,888	83,288	211,592	1,531,572
1	MASS INST OF TECH	112,472	111,551	104,882	830	50	4,018	1,212	559	921
2	UNIV OF WASHINGTON	73,284	58,835	48,241	273	38	9,209	709	365	14,449
3	UNIV OF MICHIGAN	66,810	55,482	44,481	70	93	8,878	1,482	478	11,328
4	HARVARD UNIV	65,072	58,625	45,450	236	15	11,673	919	332	6,447
5	UNIV OF MINNESOTA	64,246	49,794	36,453	60	113	8,448	776	3,944	14,452
6	UNIV OF CAL LOS ANGELES	63,893	54,372	41,929	3,397	65	7,630	789	562	9,521
7	UNIV OF WIS-MADISON	62,512	53,878	40,943	151	130	7,587	640	4,427	8,634
8	STANFORD UNIV	62,224	58,318	48,216	356	10	8,504	557	675	3,906
9	COLUMBIA UNIV	60,654	55,007	45,493	482	0	7,742	854	436	5,647
10	UNIV OF CAL SAN DIEGO	57,693	54,999	50,027	1,101	27	3,083	561	200	2,694
	TOTAL 1ST 10 INSTS.	688,860	610,861	506,115	6,956	541	76,772	8,499	11,978	77,999
11	UNIV OF CAL BERKELEY	57,305	50,855	37,455	349	26	6,202	560	6,263	6,450
12	JOHNS HOPKINS UNIV	54,681	46,070	35,535	120	0	9,005	819	591	8,611
13	HOWARD UNIV	51,069	4,915	3,095	0	27	1,460	276	57	46,154
14	OHIO STATE UNIV	47,875	33,718	23,069	390	41	3,760	637	5,821	14,157
15	CORNELL UNIV	45,868	43,161	31,034	38	51	4,991	1,219	5,836	2,707
16	UNIV OF PENNSYLVANIA	44,875	37,897	28,379	128	143	8,169	862	216	6,978
17	YALE UNIV	44,504	37,846	27,506	1,470	14	7,742	654	460	6,658
18	NEW YORK UNIV	44,093	34,394	23,045	1,787	87	7,009	2,162	304	9,699
19	UNIV OF ILLINOIS-URBANA	42,433	39,042	28,253	633	38	3,272	324	6,522	3,391
20	UNIV OF CHICAGO	42,369	39,097	31,079	518	19	6,944	507	30	3,272
	TOTAL 1ST 20 INSTS.	1,163,932	977,856	774,565	12,381	987	135,326	16,519	38,078	186,076
21	UNIV OF CAL SAN FRANCISCO	36,472	27,212	20,382	133	0	6,054	510	133	9,260
22	UNIV OF COLORADO	35,587	25,959	19,926	21	48	4,369	565	1,030	9,628
23	DUKE UNIV	35,266	31,578	17,760	5,599	68	6,395	1,618	130	3,688
24	UNIV OF N C AT CHAP HILL	34,005	23,625	16,811	39	0	5,724	700	351	10,380
25	WASHINGTON UNIV	33,548	28,709	21,752	0	0	6,455	502	0	4,839
26	UNIV OF UTAH	32,342	21,621	17,312	287	16	3,437	459	110	10,721
27	UNIV OF SOUTHERN CAL	31,698	25,180	20,027	136	7	3,976	535	499	6,518
28	YESHIVA UNIV	29,950	24,443	19,068	0	0	4,799	464	112	5,507
29	UNIV OF PITTSBURGH	29,701	19,201	13,197	0	20	3,920	1,368	696	10,500
30	PENNSYLVANIA STATE UNIV	28,831	24,621	15,989	186	206	1,699	422	6,119	4,210
	TOTAL 1ST 30 INSTS.	1,491,332	1,230,005	956,797	18,782	1,352	182,154	23,662	47,258	261,327
31	MICHIGAN STATE UNIV	28,349	20,217	11,270	132	4	2,411	1,560	4,840	8,132
32	PURDUE UNIV	27,895	24,923	16,607	132	129	2,334	910	4,811	2,972
33	UNIV OF MIAMI	27,830	19,266	16,606	164	0	1,912	500	84	8,564
34	UNIV OF FLORIDA	27,552	21,235	13,561	0	38	3,700	472	3,464	6,317
35	UNIV OF ROCHESTER	27,531	23,297	18,371	268	59	3,982	464	153	4,234
36	U OF ALA IN BIRMINGHAM	26,077	17,191	12,966	1,200	390	1,909	622	104	8,886
37	CASE WESTERN RESERVE UNIV	25,378	20,540	14,833	22	6	4,995	543	141	4,838
38	UNIV OF IOWA	24,864	16,457	11,278	0	2	3,658	884	635	8,407
39	UNIV OF ARIZONA	23,011	14,792	10,649	82	68	2,206	307	1,490	8,219
40	UNIV OF TEXAS AT AUSTIN	22,761	19,128	14,793	0	114	3,091	350	780	3,633
	TOTAL 1ST 40 INSTS.	1,752,580	1,427,051	1,097,731	20,782	2,162	212,352	30,274	63,750	325,529
41	UNIV OF HAWAII	22,451	16,431	12,977	279	57	1,425	759	934	6,020
42	UNIV OF CAL DAVIS	22,389	18,986	15,734	185	16	2,045	870	136	3,403
43	NORTHWESTERN UNIV	21,829	17,355	13,026	73	85	3,671	425	75	4,474
44	TEXAS A & M UNIV	21,301	20,360	18,640	207	109	323	180	8,901	941
45	UNIV OF KANSAS	21,113	14,163	9,663	12	32	3,471	933	52	6,950
46	UNIV OF KENTUCKY	21,086	13,646	7,004	9	107	1,501	311	4,714	7,440
47	VANDERBILT UNIV	20,872	15,986	11,142	17	14	2,899	1,837	77	4,886
48	UNIV OF MISSOURI COLUMBIA	20,632	15,491	8,108	95	85	2,163	510	4,530	5,141
49	BOSTON UNIV	20,478	13,585	8,748	0	0	4,419	417	1	6,893
50	RUTGERS UNIVERSITY	20,072	12,798	8,506	50	55	2,007	375	1,805	7,274
	TOTAL 1ST 50 INSTS.	1,964,803	1,585,852	1,203,279	21,709	2,722	236,276	36,891	84,975	378,951
51	CAL INST OF TECH	19,908	19,806	17,467	425	0	1,483	190	241	102
52	TEMPLE UNIV	19,829	12,344	9,419	0	25	2,241	441	218	7,485
53	WOODS HOLE OCEAN INST	19,527	19,527	16,372	3,049	0	0	106	0	0
54	UNIV OF NEW MEXICO	18,597	9,364	4,320	3,375	21	1,087	194	367	9,233
55	PRINCETON UNIV	18,438	17,180	14,456	244	9	1,442	929	100	1,258
56	UNIV OF MD COLLEGE PARK	17,764	14,999	11,675	42	77	696	265	2,244	2,765
57	INDIANA UNIV-BLOOMINGTON	17,573	11,824	7,659	176	13	1,570	1,616	790	5,749
58	UNIV OF GEORGIA	17,261	13,882	7,310	0	13	989	188	5,382	3,379
59	BAYLOR COL OF MEDICINE	17,155	13,721	11,291	0	0	2,035	395	0	3,434
60	COLORADO STATE UNIV	16,951	13,948	10,749	43	41	459	263	2,343	3,003
61	OREGON STATE UNIV	16,879	14,803	11,697	120	31	854	201	1,900	2,076
62	SUNY ST U BUFFALO	16,844	11,200	8,208	0	55	2,169	517	251	5,644
63	UNIV OF TENN AT KNOXVILLE	16,817	12,686	5,997	69	42	1,383	164	5,031	4,131
64	N C STATE UNIV AT RALEIGH	16,439	15,697	7,858	44	22	801	194	6,786	742
65	UNIV OF VIRGINIA	16,174	11,567	8,137	87	12	2,685	335	311	4,607
66	GEORGETOWN UNIV	15,715	6,963	5,162	30	33	1,428	295	15	8,752
67	GEORGE WASHINGTON UNIV	15,385	11,236	9,268	0	70	1,079	249	570	4,149
68	UNIV OF CINCINNATI	15,211	9,895	6,447	41	202	2,682	290	233	5,316
69	TULANE UNIV	14,791	10,796	7,505	0	1	2,845	381	64	3,995

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)	TOTAL, ALL ACTIVITIES	RESEARCH AND DEVELOPMENT		R&D PLANT	PROJ. FOR INSTR. IN SCI. & ENG	FELLOWSHIPS, TRAININGS, GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON-SCIENCE	
			ACADEMIC SCIENCE	AND DEVELOPMENT							
70	U TEX MD ANDRSN HOSP&TUM	14,636	14,475	8,316	4,582	0	1,091	308	178	161	
71	WAYNE STATE UNIV	14,461	7,524	4,579	0	12	2,321	374	238	6,937	
72	UNIV OF CONNECTICUT	14,323	9,887	6,455	15	33	1,796	389	1,199	4,436	
73	FORDY UNIV	14,139	10,689	7,790	0	42	2,210	455	192	3,450	
74	INDIANA UNIV-INDIANAPOLIS	13,730	7,552	5,760	0	0	1,423	366	3	6,178	
75	UNIV OF OKLAHOMA	13,371	6,104	3,229	0	7	1,979	355	534	7,267	
76	MEHARRY MEDICAL COL	13,360	2,211	1,107	0	0	855	175	74	11,157	
77	UNIV OF ILLINOIS-MED CTR	13,111	6,624	4,261	0	0	1,911	362	90	6,487	
78	UNIV OF NEBRASKA-LINCOLN	12,966	8,504	5,463	14	98	580	114	2,235	4,462	
79	TURIS UNIV	12,905	7,233	5,535	0	0	1,160	324	214	5,672	
80	GALLAUDET COL	12,744	791	510	0	0	268	13	0	11,953	
81	FLORIDA STATE UNIV	12,614	9,535	5,152	13	9	2,066	1,864	431	3,079	
82	IOWA ST U OF SCIENCE&TECH	12,275	10,009	5,597	0	34	573	189	3,616	2,266	
83	CUNY MT SINAI SCH OF MED	12,274	11,406	8,922	0	0	1,982	367	135	860	
84	UNIV-MASS AMHERST CAMPUS	12,253	8,920	6,282	0	19	792	142	1,686	3,333	
85	OKLAHOMA STATE UNIV	12,158	8,806	3,944	32	18	559	234	4,019	3,352	
86	UNIV OF MD, BALTIMORE	12,075	7,575	5,591	0	4	1,722	258	0	4,500	
87	NEW MEXICO STATE UNIV	11,681	9,758	6,865	0	63	211	127	2,492	1,923	
88	WEST VIRGINIA UNIV	11,675	7,767	3,854	14	27	1,195	166	2,511	3,908	
89	U TEX SW MED SCH DALLAS	11,554	8,833	6,499	0	0	2,010	284	40	2,721	
90	UNIV OF OREGON - EUGENE	11,453	8,022	5,669	2	0	2,080	182	89	3,431	
91	LA ST UNIV BATON ROUGE	11,392	10,031	5,291	0	190	566	114	3,870	1,361	
92	AJAJURN UNIV	11,199	9,191	3,657	0	45	651	53	4,780	2,008	
93	VIRGINIA POLYTECHNIC INST	11,184	10,252	5,477	0	37	370	154	4,214	932	
94	UNIV OF MISSISSIPPI	11,057	5,282	3,612	23	5	816	239	587	5,775	
95	ST LOUIS UNIV	10,920	6,658	5,193	10	6	1,102	276	71	4,262	
96	ROCKEFELLER UNIV	10,769	10,769	9,203	560	0	722	176	108	0	
97	UNIV OF ARK FAYETTEVILLE	10,671	9,712	4,688	0	47	414	93	4,470	959	
98	UTAH STATE UNIV	10,401	8,496	6,985	31	22	238	180	1,040	1,905	
99	MISSISSIPPI STATE UNIV	10,363	8,311	3,292	30	7	168	71	4,743	2,052	
100	UNIV OF ALASKA	10,360	9,657	8,419	49	60	50	222	857	703	
TOTAL		100 INSTS.	2,670,143	2,097,874	1,551,515	34,829	4,173	298,085	52,735	156,537	572,269

RANK	BY AMOUNT RECEIVED)	TOTAL	USOA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOY	OTHER*
TOTAL, ALL INSTITUTIONS		4,130,561	238,555	95,267	26,021	243,884	30,005	23,284	2,827,941	24,395	119,000	458,678	15,874	27,657
TOTAL, 100 INSTITUTIONS		2,670,143	187,721	80,445	20,475	200,226	16,514	17,069	1,646,089	14,505	102,480	352,192	11,400	21,027
1	MASS INST OF TECH	112,472	10	7,254	1,117	46,797	0	660	14,916	275	20,088	18,557	1,413	1,385
2	UNIV OF WASHINGTON	73,284	214	2,505	2,071	5,412	0	596	50,327	147	980	10,845	176	11
3	UNIV OF MICHIGAN	66,810	141	2,288	1,136	8,131	590	617	37,248	23	5,414	8,772	1,025	1,425
4	HARVARD UNIV	65,072	25	1,834	95	2,474	582	493	45,075	0	4,487	9,181	165	661
5	UNIV OF MINNESOTA	64,246	5,478	1,440	0	2,056	398	737	42,844	547	2,590	4,541	115	3,500
6	UNIV OF CAL LOS ANGELES	63,893	0	4,772	0	4,117	312	143	45,329	320	1,573	6,383	772	172
7	UNIV OF WIS-MADISON	62,512	5,471	2,731	1,780	2,424	2,815	631	35,059	354	2,410	8,807	0	30
8	STANFORD UNIV	62,224	0	619	6	8,560	0	242	34,075	173	3,579	14,838	115	17
9	COLUMBIA UNIV	60,654	10	3,545	405	5,020	127	40	34,666	81	2,797	13,313	70	580
10	UNIV OF CAL SAN DIEGO.	57,693	0	1,639	224	10,989	403	128	17,615	0	4,688	21,952	55	0
11	UNIV OF CAL BERKELEY	57,305	6,578	632	107	5,785	1,606	403	23,584	650	4,111	13,309	368	172
12	JOHNS HOPKINS UNIV	54,681	0	1,022	254	1,731	1,146	84	41,680	0	2,803	3,211	0	2,750
13	HOWARD UNIV	51,069	6	86	0	55	4,211	80	46,158	22	204	190	0	57
14	OHIO STATE UNIV	47,875	7,497	480	43	3,232	0	321	30,548	213	508	3,477	283	1,273
15	CORNELL UNIV	45,868	7,714	1,416	24	2,047	0	645	18,924	295	972	12,671	0	1,160
16	UNIV OF PENNSYLVANIA	44,875	55	1,564	47	1,979	292	47	33,572	191	132	6,688	178	124
17	YALE UNIV	44,504	0	2,888	0	2,602	0	12	33,222	71	270	5,246	0	193
18	NEW YORK UNIV	44,093	0	2,098	70	2,022	200	275	33,817	70	637	4,625	122	156
19	UNIV OF ILLINOIS-URBANA	42,433	6,910	3,568	55	6,432	48	733	11,827	339	1,053	11,086	238	144
20	UNIV OF CHICAGO	42,369	0	4,196	158	964	0	84	25,103	0	2,805	8,882	0	177
21	UNIV OF CAL SAN FRANCISCO	36,472	0	861	0	301	0	0	34,916	0	186	208	0	0
22	UNIV OF COLORADO	35,587	10	827	838	953	0	137	24,867	245	2,681	4,979	50	0
23	DUKE UNIV	35,266	0	809	15	1,927	0	102	29,265	7	145	2,989	0	7
24	UNIV OF N C AT CHAP HILL	34,005	0	389	720	763	352	347	27,435	0	15	3,970	0	14
25	WASHINGTON UNIV	33,548	0	265	10	1,168	0	20	29,153	0	817	2,115	0	0
26	UNIV OF UTAH	32,342	2	1,445	168	2,040	0	219	24,079	417	1,032	2,719	111	110
27	UNIV OF SOUTHERN CAL	31,698	0	164	651	3,228	0	480	23,106	0	822	2,677	400	170
28	YESHIVA UNIV	29,950	0	66	0	655	402	0	27,613	24	0	1,190	0	0
29	UNIV OF PITTSBURGH	29,701	0	366	0	1,167	0	78	23,453	149	639	3,801	0	48
30	PENNSYLVANIA STATE UNIV	28,831	8,090	246	62	1,183	0	459	13,359	756	747	3,669	159	101
31	MICHIGAN STATE UNIV	28,349	6,393	1,598	0	164	0	419	14,164	270	321	4,870	0	150
32	PURDUE UNIV	27,895	5,654	1,145	137	2,026	60	160	8,542	348	1,438	7,373	200	812
33	UNIV OF MIAMI	27,830	0	316	1,569	2,896	579	166	17,706	0	260	4,102	236	0
34	UNIV OF FLORIDA	27,552	4,295	496	57	2,183	405	653	16,206	181	435	2,447	0	194
35	UNIV OF ROCHESTER	27,531	0	4,783	0	1,544	0	5	17,588	0	127	3,104	205	175
36	U OF ALA IN BIRMINGHAM	26,077	0	0	0	210	0	7	25,507	0	0	353	0	0
37	CASE WESTERN RESERVE UNIV	25,378	8	656	0	1,422	0	39	19,241	114	671	3,080	0	147
38	UNIV OF IOWA	24,864	11	52	16	641	0	0	20,417	141	1,769	1,441	111	265
39	UNIV OF ARIZONA	23,011	2,224	293	6	2,298	297	199	13,131	335	1,782	2,360	0	86
40	UNIV OF TEXAS AT AUSTIN	22,761	0	1,087	27	5,358	212	189	9,595	32	1,239	4,673	154	195
41	UNIV OF HAWAII	22,451	1,376	634	1,290	1,641	0	0	11,155	164	2,198	3,758	0	235
42	UNIV OF CAL DAVIS	22,389	1,016	1,936	0	323	0	109	15,312	114	191	3,356	0	32
43	NORTHWESTERN UNIV	21,829	0	105	0	798	357	393	15,417	0	217	4,203	336	3
44	TEXAS A & M UNIV	21,301	11,501	681	1,640	1,430	0	259	2,056	211	764	2,403	356	0
45	UNIV OF KANSAS	21,113	0	186	0	154	0	0	17,997	0	794	1,982	0	0
46	UNIV OF KENTUCKY	21,086	7,636	37	0	172	0	17	11,751	242	521	610	100	0
47	VANDERBILT UNIV	20,872	0	139	0	151	0	142	17,724	0	100	2,616	0	0
48	UNIV OF MISSOURI COLUMBIA	20,632	6,253	72	6	502	114	138	11,740	181	193	1,347	0	86
49	BOSTON UNIV	20,478	0	0	0	413	0	0	19,594	0	97	353	20	1
50	RUTGERS UNIVERSITY	20,072	2,824	58	49	367	0	285	14,180	172	30	2,073	32	2
51	CAL INST OF TECH	19,908	0	2,189	3	2,099	0	87	6,024	145	3,498	5,863	0	0
52	TEMPLE UNIV	19,829	0	62	0	204	0	7	18,663	0	33	788	0	72
53	WOODS HOLE OCEAN INST	19,527	0	455	489	7,585	0	146	131	0	127	10,594	0	0
54	UNIV OF NEW MEXICO	18,597	10	67	0	1,167	21	0	15,203	0	537	740	224	628
55	PRINCETON UNIV	18,438	0	2,025	851	2,312	0	198	4,516	0	2,975	5,023	526	12
56	UNIV OF MD COLLEGE PARK	17,764	2,815	1,992	85	1,111	237	35	4,395	150	2,276	4,668	0	0
57	INDIANA UNIV-BLOOMINGTON	17,573	0	177	0	351	29	136	11,135	83	488	5,058	0	116
58	UNIV OF GEORGIA	17,261	7,217	537	0	288	0	86	6,858	19	16	2,223	0	17
59	BAYLOR COL OF MEDICINE	17,155	0	0	0	107	0	100	16,518	0	368	62	0	0
60	COLORADO STATE UNIV	16,951	2,818	223	135	561	0	208	5,046	837	653	5,387	0	1,083
61	OREGON STATE UNIV	16,879	2,959	467	1,759	1,070	0	648	5,267	256	271	3,963	0	219
62	SUNY ST U BUFFALO	16,844	0	117	0	78	0	0	15,000	0	185	1,464	0	0
63	UNIV OF TENN AT KNOXVILLE	16,817	6,925	1,520	0	465	65	29	6,416	378	256	753	0	10
64	N C STATE UNIV AT RALEIGH	16,439	9,885	336	0	360	0	259	3,425	230	273	1,165	234	272
65	UNIV OF VIRGINIA	16,174	0	787	33	722	0	38	12,250	61	478	1,805	0	0
66	GEORGETOWN UNIV	15,715	45	39	0	482	0	100	14,410	2	30	605	0	2
67	GEORGE WASHINGTON UNIV	15,385	0	21	0	1,599	0	187	11,552	0	956	874	0	246
68	UNIV OF CINCINNATI	15,211	0	55	0	772	0	503	13,043	0	193	645	0	0
69	TULANE UNIV	14,791	0	20	0	233	51	24	13,467	0	174	802	35	5
70	U TEX MD ANDRSN HOSP&TUM	14,636	0	61	0	66	0	0	14,308	0	76	125	0	0
71	WAYNE STATE UNIV	14,461	0	143	0	544	0	0	12,584	0	15	1,135	40	0
72	UNIV OF CONNECTICUT	14,323	1,521	83	85	357	0	68	10,585	157	247	1,220	0	0
73	EMORY UNIV	14,139	0	76	0	92	0	5	13,122	0	182	662	0	0
74	INDIANA UNIV-INDIANAPOLIS	13,730	0	0	0	0	0	0	12,231	0	0	192	1,307	0
75	UNIV OF OKLAHOMA	13,371	0	42	106	440	0	197	10,914	119	76	1,387	90	0

55

RANK	UNIVERSITY	AMOUNT RECEIVED	...	...	...	...	...	...	...	...	...	...	...	...	...
76	MFHARRY MEDICAL COL	13,368	0	3	0	0	0	0	13,368	0	0	0	0	0	0
77	UNIV OF ILLINOIS-MED CTR	13,111	0	0	0	0	0	0	13,093	0	0	18	0	0	0
78	UNIV OF NEBRASKA-LINCOLN	12,966	3,701	48	20	78	0	0	7,995	186	199	739	0	0	0
79	TUFTS UNIV	12,905	0	315	0	310	157	3	11,598	0	27	497	0	0	0
80	GALLAUDET COL	12,744	0	0	0	0	0	0	12,657	0	0	87	0	0	0
81	FLORIDA STATE UNIV	12,614	0	983	471	559	0	7	6,127	139	124	3,550	147	507	0
82	IONIA ST U OF SCIENCE&TECH	12,275	5,675	155	5	124	0	95	3,818	285	60	1,865	192	0	0
83	CUNY MT SINAI SCH OF MED	12,274	0	32	0	149	0	0	11,899	0	17	177	0	0	0
84	UNIV-MASS AMHERST CAMPUS	12,253	2,639	228	0	668	0	248	5,505	220	284	2,461	0	0	0
85	OKLAHOMA STATE UNIV	12,158	4,500	15	0	1,252	0	178	4,446	149	779	812	27	0	0
86	UNIV OF MD, BALTIMORE	12,075	0	0	0	966	0	0	11,057	0	48	4	0	0	0
87	NEW MEXICO STATE UNIV	11,631	2,148	5	0	3,745	0	0	3,461	423	1,595	304	0	0	0
88	WEST VIRGINIA UNIV	11,675	3,670	0	36	74	0	294	6,219	611	57	269	370	75	0
89	U TEX SW MED SCH DALLAS	11,554	0	7	0	191	0	0	11,237	0	77	42	0	0	0
90	UNIV OF OREGON - EUGENE	11,453	0	222	0	269	249	0	8,478	0	164	1,992	0	79	0
91	LA ST UNIV BATON ROUGE	11,392	5,668	112	721	777	0	243	2,248	100	365	1,157	0	0	0
92	AUBURN UNIV	11,199	6,722	1	9	584	0	26	2,814	269	568	206	0	0	0
93	VIRGINIA POLYTECHNIC INST	11,184	6,123	51	73	429	0	75	1,827	411	549	1,193	443	0	0
94	UNIV OF MISSISSIPPI	11,057	168	20	70	166	0	0	3,784	0	15	834	0	0	0
95	ST LOUIS UNIV	10,920	0	0	10	384	197	0	9,710	0	10	437	0	172	0
96	ROCKEFELLER UNIV	10,769	0	71	0	189	0	0	9,394	0	0	1,115	0	0	0
97	UNIV OF ARK FAYETTEVILLE	10,671	5,328	89	101	0	0	36	4,185	162	4	767	0	0	0
98	UTAH STATE UNIV	10,401	1,755	52	27	2,201	0	178	2,355	879	40	2,022	200	692	0
99	MISSISSIPPI STATE UNIV	10,363	6,967	0	5	42	0	518	2,286	122	132	291	0	0	0
100	UNIV OF ALASKA	10,360	1,060	247	527	3,097	0	116	1,606	232	670	2,805	0	0	0

* INCLUDES AID, HUD, AND LABOR
SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-11

FEDERAL OBLIGATIONS FOR ACADEMIC SCIENCE TO THE 100 UNIVERSITIES
AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	OOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
TOTAL, ALL INSTITUTIONS		2,598,989	238,555	95,267	26,021	243,884	8,257	23,284	1,318,436	24,252	119,000	458,678	15,874	27,481
TOTAL, 100 INSTITUTIONS		2,119,694	196,217	83,577	20,535	207,546	6,271	17,272	1,073,969	15,246	103,240	362,382	12,627	20,812
1	MASS INST OF TECH	111,551	10	7,254	1,117	46,797	0	660	13,995	275	20,088	18,557	1,413	1,385
2	UNIV OF WASHINGTON	58,835	214	2,505	2,071	5,412	0	596	35,878	147	980	10,845	176	11
3	HARVARD UNIV	58,625	25	1,834	95	2,474	405	493	38,805	0	4,487	9,181	165	661
4	STANFORD UNIV	58,318	0	619	6	8,560	0	242	30,169	173	3,579	14,838	115	17
5	UNIV OF MICHIGAN	55,482	141	2,288	1,136	8,131	590	617	26,096	23	5,414	8,772	1,025	1,249
6	COLUMBIA UNIV	55,007	10	3,545	405	5,020	127	40	29,019	81	2,797	13,313	70	580
7	UNIV OF CAL SAN DIEGO	54,999	0	1,639	224	10,989	0	128	15,324	0	4,688	21,952	55	0
8	UNIV OF CAL LOS ANGELES	54,372	0	4,772	0	4,117	312	143	35,808	320	1,573	6,383	772	172
9	UNIV OF WI MADISON	53,878	5,471	2,731	1,780	2,424	2,815	631	26,425	354	2,410	9,807	0	30
10	UNIV OF CAL BERKELEY	50,855	6,578	632	107	5,795	1,141	403	17,599	650	4,111	13,309	368	172
11	UNIV OF MINNESOTA	49,794	5,478	1,440	0	2,056	0	737	28,790	547	2,590	4,541	115	3,500
12	JOHNS HOPKINS UNIV	46,070	0	1,022	254	1,731	0	84	34,215	0	2,803	3,211	0	2,750
13	CORNELL UNIV	43,161	7,714	1,416	24	2,047	0	645	16,217	295	972	12,671	0	1,160
14	UNIV OF CHICAGO	39,097	0	4,196	158	964	0	84	21,831	0	2,805	9,882	0	177
15	UNIV OF ILLINOIS-URBANA	39,042	6,910	3,568	55	6,432	0	733	8,484	339	1,053	11,086	238	144
16	UNIV OF PENNSYLVANIA	37,897	55	1,564	47	1,979	292	47	26,594	197	132	6,688	178	124
17	YALE UNIV	37,846	0	2,888	0	2,602	0	12	26,564	71	270	5,246	0	193
18	NEW YORK UNIV	36,394	0	2,098	70	2,022	0	276	24,318	70	637	4,625	122	156
19	OHIO STATE UNIV	33,718	7,497	480	43	3,232	0	321	16,391	213	508	1,477	283	1,273
20	DUKE UNIV	31,578	0	809	15	1,927	0	102	25,577	7	145	2,949	0	7
21	WASHINGTON UNIV	28,789	0	265	10	1,168	0	20	24,314	0	817	2,115	0	0
22	UNIV OF CAL SAN FRANCISCO	27,212	0	861	0	301	0	0	25,656	0	186	208	0	0
23	UNIV OF COLORADO	25,959	10	827	838	953	0	137	15,239	245	2,681	4,979	50	0
24	UNIV OF SOUTHERN CAL	25,180	0	164	651	3,228	0	480	16,588	0	822	2,677	400	170
25	PURDUE UNIV	24,923	5,654	1,145	137	2,026	60	160	5,570	348	1,438	7,373	200	812
26	PENNSYLVANIA STATE UNIV	24,621	8,090	246	62	1,183	0	459	9,149	756	747	3,669	159	101
27	YESHIVA UNIV	24,443	0	66	0	655	0	0	22,508	24	0	1,190	0	0
28	UNIV OF M C AT CHAP HILL	23,625	0	389	720	763	0	347	17,407	0	15	3,970	0	14
29	UNIV OF ROCHESTER	23,297	0	4,783	0	1,544	0	5	13,354	0	127	3,104	205	175
30	UNIV OF UTAH	21,621	2	1,445	168	2,040	0	219	13,358	417	1,032	2,719	111	110
31	UNIV OF FLORIDA	21,235	4,295	496	57	2,183	0	653	10,294	181	435	2,447	0	194
32	CASE WESTERN RESERVE UNIV	20,540	8	656	0	1,422	0	39	14,403	114	671	3,080	0	147
33	TEXAS A & M UNIV	20,360	11,501	681	1,640	1,430	0	259	1,115	211	764	2,403	356	0
34	MICHIGAN STATE UNIV	20,217	6,393	1,598	0	164	0	419	6,032	270	321	4,870	0	150
35	CAL INST OF TECH	19,806	0	2,189	3	2,099	0	87	5,922	145	3,498	5,863	0	0
36	WOODS HOLE OCEAN INST	19,527	0	455	489	7,585	0	146	131	0	127	10,594	0	0
37	UNIV OF MIAH	19,266	0	316	1,569	2,896	0	166	9,721	0	261	4,102	236	0
38	UNIV OF PITTSBURGH	19,201	0	366	0	1,167	0	78	12,953	149	639	3,801	0	48
39	UNIV OF TEXAS AT AUSTIN	19,128	0	1,087	27	5,358	212	189	5,962	32	1,239	4,673	154	195
40	UNIV OF CAL DAVIS	18,986	1,016	1,936	0	323	0	109	11,909	114	191	3,356	0	32
41	NORTHWESTERN UNIV	17,355	0	105	0	798	0	393	11,300	0	217	4,203	336	3
42	U OF ALA IN BIRMINGHAM	17,191	0	0	0	210	0	7	16,621	0	0	353	0	0
43	PRINCETON UNIV	17,180	0	2,025	851	2,312	0	198	3,258	0	2,975	5,023	526	12
44	UNIV OF IOWA	16,457	11	52	16	641	0	0	12,010	141	1,769	1,441	111	265
45	UNIV OF HAWAII	16,431	1,376	634	1,290	1,641	0	0	5,135	164	2,198	3,758	0	235
46	VANDERBILT UNIV	15,986	0	139	0	151	0	142	12,838	0	100	2,616	0	0
47	N C STATE UNIV AT RALEIGH	15,697	9,885	336	0	360	0	259	2,683	230	273	1,165	234	272
48	UNIV OF MISSOURI COLUMBIA	15,491	6,253	72	6	502	0	138	6,713	181	193	1,347	0	86
49	UNIV OF MD COLLEGE PARK	14,999	2,815	1,992	85	1,111	237	35	1,630	150	2,276	4,668	0	0
50	OREGON STATE UNIV	14,803	2,959	467	1,759	1,070	0	648	3,193	254	271	3,963	0	219
51	UNIV OF ARIZONA	14,792	2,224	293	6	2,298	0	199	5,209	335	1,782	2,360	0	86
52	U TEX MD ANDRSN HOSPITUM	14,475	0	61	0	66	0	0	14,147	0	76	125	0	0
53	UNIV OF KANSAS	14,163	0	186	0	154	0	0	11,047	0	794	1,982	0	0
54	COLORADO STATE UNIV	13,948	2,818	223	135	561	0	208	2,078	802	653	5,387	0	1,083
55	UNIV OF GEORGIA	13,882	7,217	537	0	288	0	86	3,479	19	16	2,223	0	17
56	BAYLOR COL OF MEDICINE	13,721	0	0	0	107	0	100	13,084	0	368	62	0	0
57	UNIV OF KENTUCKY	13,646	7,636	37	0	172	0	17	4,311	242	521	610	100	0
58	BOSTON UNIV	13,585	0	0	0	413	0	0	12,701	0	97	353	20	1
59	RUTGERS UNIVERSITY	12,798	2,824	58	49	367	0	285	6,906	172	30	2,073	32	2
60	UNIV OF TENN AT KNOXVILLE	12,686	6,925	1,520	0	465	0	29	2,350	378	256	753	0	10
61	TEMPLE UNIV	12,344	0	62	0	204	0	7	11,178	0	33	788	0	72
62	INDIANA UNIV-BLOOMINGTON	11,824	0	177	0	351	29	136	5,386	83	488	5,058	0	116
63	UNIV OF VIRGINIA	11,567	0	787	33	722	0	38	7,643	61	478	1,805	0	0
64	CUNY MT SINAI SCH OF MED	11,406	0	32	0	149	0	0	11,031	0	17	177	0	0
65	GEORGE WASHINGTON UNIV	11,236	0	21	0	1,599	0	187	7,403	0	956	824	0	246
66	SUNY ST U BUFFALO	11,200	0	117	0	78	0	0	9,356	0	185	1,464	0	0
67	TULANE UNIV	10,796	0	20	0	233	51	24	9,472	0	154	802	35	5
68	ROCKEFELLER UNIV	10,769	0	71	0	189	0	0	9,394	0	0	1,115	0	0
69	EMORY UNIV	10,699	0	76	0	92	0	5	9,672	0	182	662	0	0
70	VIRGINIA POLYTECHNIC INST	10,252	6,123	61	73	429	0	75	895	411	549	1,193	443	0
71	LA ST UNIV BATON ROUGE	10,031	5,668	112	721	777	0	243	887	100	366	1,157	0	0
72	IOWA ST U OF SCIENCE&TECH	10,009	5,675	155	6	124	0	95	1,552	285	60	1,865	192	0
73	UNIV OF CINCINNATI	9,895	0	55	0	772	0	503	7,727	0	193	645	0	0
74	UNIV OF CONNECTICUT	9,887	1,521	83	85	357	0	68	6,149	157	247	1,220	0	0
75	NEW MEXICO STATE UNIV	9,758	2,148	5	0	3,745	0	0	1,538	423	1,595	304	0	0

RANK	BY AMOUNT RECEIVED	TOTAL	USDA	REC	CON	DDU	DEU	EPA	HEW	INT	NASA	NSF	DOT	OTHER
76	CARNEGIE MELLON UNIV	9,739	0	1,505	0	2,897	0	6	1,372	0	139	3,681	135	4
77	UNIV OF ARK FAYETTEVILLE	9,712	5,328	88	101	0	0	36	3,226	162	4	767	0	0
78	UNIV OF ALASKA	9,657	1,060	247	527	3,097	0	116	903	232	670	2,805	0	0
79	FLORIDA STATE UNIV	9,535	0	983	471	559	0	7	3,048	139	124	3,550	147	507
80	BROWN UNIV	9,450	0	592	100	879	0	0	3,558	60	204	4,057	0	0
81	UNIV OF NEW MEXICO	9,364	10	67	0	1,167	0	0	5,991	0	537	740	224	628
82	AUBURN UNIV	9,191	6,722	1	9	584	0	26	806	269	568	206	0	0
83	UNIV-MASS AMHERST CAMPUS	8,920	2,639	228	0	668	0	248	2,172	220	284	2,461	0	0
84	U TEX SW MED SCH DALLAS	8,833	0	7	0	191	0	0	8,516	0	77	42	0	0
85	OKLAHOMA STATE UNIV	8,806	4,500	15	0	1,252	0	178	1,094	149	779	812	27	0
86	UNIV OF NEBRASKA-LINCOLN	8,504	3,701	48	20	78	0	0	3,533	186	199	739	0	0
87	UTAH STATE UNIV	8,496	1,755	52	27	2,201	0	178	450	879	40	2,022	200	692
88	MISSISSIPPI STATE UNIV	8,311	6,967	0	5	42	0	518	234	122	132	291	0	0
89	UNIV OF OREGON - EUGENE	8,022	0	222	0	269	0	0	5,296	0	164	1,992	0	79
90	WEST VIRGINIA UNIV	7,767	3,670	0	36	74	0	294	2,311	611	57	269	370	75
91	UNIV OF MD, BALTIMORE	7,575	0	0	0	966	0	0	6,557	0	48	4	0	0
92	INDIANA UNIV-INDIANAPOLIS	7,552	0	0	0	0	0	0	6,053	0	0	192	1,307	0
93	WAYNE STATE UNIV	7,524	0	143	0	544	0	0	5,647	0	15	1,135	40	0
94	TUFTS UNIV	7,233	0	315	0	310	0	0	6,084	0	27	497	0	0
95	SYRACUSE UNIV	7,115	122	144	0	1,275	0	4	3,156	35	58	2,149	172	0
96	WASHINGTON STATE UNIV	7,099	3,319	224	0	70	0	177	1,959	263	0	1,087	0	0
97	GEORGIA INST OF TECH	7,070	0	318	146	2,612	0	176	991	274	626	1,067	860	0
98	UNIV OF VERMONT	6,978	1,410	21	0	376	0	45	4,581	100	15	284	146	0
99	GEORGETOWN UNIV	6,963	45	39	0	482	0	180	5,658	2	30	605	0	2
100	KANSAS STATE UNIV	6,954	3,819	476	0	256	0	72	1,113	187	23	818	4	186

* INCLUDES AID, HUD, AND LABOR
SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-12 FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1972 (DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	ODD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
	TOTAL, ALL INSTITUTIONS	1,852,963	88,566	95,786	23,591	243,894	8,257	17,709	879,278	23,345	112,426	334,722	12,413	22,286
	TOTAL, 100 INSTITUTIONS	1,579,587	57,718	77,860	20,116	212,529	6,620	12,165	759,787	13,306	97,701	295,091	9,782	16,912
1	MASS INST OF TECH	134,882	10	6,291	1,087	46,797	0	655	11,533	275	19,979	16,358	1,413	485
2	UNIV OF CAL SAN DIEGO	53,027	0	1,639	224	10,989	0	128	12,044	0	4,687	20,261	55	0
3	UNIV OF WASHINGTON	48,241	214	2,222	2,071	5,412	0	505	26,715	147	983	9,953	11	11
4	STANFORD UNIV	48,216	0	570	0	8,560	0	59	22,986	173	3,331	12,520	0	17
5	COLUMBIA UNIV	45,493	10	3,429	405	5,020	127	27	20,871	81	2,756	12,117	70	580
6	HARVARD UNIV	45,450	25	1,734	95	2,474	405	340	27,468	0	4,452	7,627	165	661
7	UNIV OF MICHIGAN	44,481	141	2,114	1,072	8,131	590	321	17,242	23	5,333	7,705	1,025	784
8	UNIV OF CAL LOS ANGELES	41,929	0	4,490	0	4,117	312	143	24,631	315	1,573	5,565	611	172
9	UNIV OF WIS-MADISON	40,943	1,961	2,652	1,780	2,424	2,815	459	18,710	323	2,410	7,379	0	30
10	UNIV OF CAL BERKELEY	37,455	1,410	542	107	5,785	1,141	336	12,422	653	4,111	10,359	360	172
11	UNIV OF MINNESOTA	36,453	1,999	1,436	0	2,056	0	560	19,972	518	2,590	3,822	0	3,500
12	JOHNS HOPKINS UNIV	35,635	0	1,022	214	1,731	0	24	24,156	0	2,803	2,835	0	2,750
13	UNIV OF CHICAGO	31,079	0	3,965	158	964	0	84	14,924	0	2,805	8,002	0	177
14	CORNELL UNIV	31,034	2,231	1,332	24	2,047	0	522	11,415	257	972	11,654	0	580
15	UNIV OF PENNSYLVANIA	28,379	55	1,408	47	1,979	292	47	17,799	197	132	6,195	104	124
16	UNIV OF ILLINOIS-URBANA	28,253	2,091	3,340	55	6,432	0	560	5,720	356	651	8,698	156	144
17	YALE UNIV	27,506	0	2,780	0	2,502	0	0	17,311	71	270	4,279	0	193
18	OHIO STATE UNIV	23,069	2,237	433	43	3,232	0	318	12,344	183	500	2,348	158	1,273
19	NEW YORK UNIV	23,045	0	2,060	70	2,022	0	164	15,230	70	637	2,514	122	156
20	WASHINGTON UNIV	21,752	0	255	10	1,168	0	0	17,580	0	817	1,912	0	0
21	UNIV OF CAL SAN FRANCISCO	20,382	0	744	0	331	0	0	18,972	0	186	179	0	0
22	UNIV OF SOUTHERN CAL	20,027	0	149	651	3,228	0	136	12,691	0	459	2,210	333	170
23	UNIV OF COLORADO	19,926	10	826	829	953	0	132	10,722	245	2,681	3,528	0	0
24	YESHIVA UNIV	19,069	0	66	0	655	0	0	17,325	24	0	998	0	0
25	UNIV OF ROCHESTER	18,371	0	4,455	0	1,544	0	5	9,141	0	127	2,719	205	175
26	DJKE UNIV	17,764	0	782	15	1,927	0	102	12,910	7	145	1,873	0	7
27	CAL INST OF TECH	17,467	0	2,184	0	2,099	0	87	4,842	145	3,498	4,612	0	0
28	UNIV OF UTAH	17,312	2	1,203	164	2,040	0	214	9,689	417	1,032	2,320	111	110
29	UNIV OF NC AT CHAP HILL	16,811	0	389	720	763	0	92	11,309	0	15	1,509	0	14
30	PURDUE UNIV	16,607	2,017	1,073	34	2,026	60	62	3,595	324	1,438	5,366	50	562
31	UNIV OF MIAMI	16,606	0	315	1,463	2,896	0	166	7,551	0	263	3,719	236	0
32	WOODS HOLE OCEAN INST	16,372	0	455	468	7,585	0	146	131	0	127	7,460	0	0
33	PENNSYLVANIA STATE UNIV	15,989	2,412	189	62	1,183	0	275	7,515	732	747	2,695	79	101
34	UNIV OF CAL DAVIS	15,734	968	1,725	0	323	0	97	9,251	114	191	3,032	0	32
35	CASE WESTERN RESERVE UNIV	14,833	8	653	0	1,422	0	34	9,184	114	565	2,706	0	147
36	UNIV OF TEXAS AT AUSTIN	14,793	0	1,051	27	5,358	212	73	3,280	32	1,239	4,326	0	195
37	PRINCETON UNIV	14,456	0	1,868	88	2,312	0	198	2,515	0	2,903	4,184	376	12
38	UNIV OF FLORIDA	13,561	1,314	448	57	2,183	0	466	6,329	157	385	2,028	0	194
39	UNIV OF PITTSBURGH	13,197	0	353	0	1,157	0	13	8,676	149	504	2,280	0	48
40	NORTHWESTERN UNIV	13,026	0	102	0	798	0	192	7,894	0	207	3,672	158	3
41	UNIV OF HAWAII	12,977	590	626	1,259	1,641	0	0	3,501	127	2,071	3,060	0	0
42	UNIV OF ALA IN BIRMINGHAM	12,966	0	0	0	210	0	7	12,557	0	0	192	0	0
43	OREGON STATE UNIV	11,697	1,430	459	1,742	1,070	0	489	2,512	231	271	3,274	0	219
44	UNIV OF MD COLLEGE PARK	11,575	1,356	1,883	39	1,111	237	0	1,042	131	2,274	3,905	0	0
45	BAYLOR COL OF MEDICINE	11,291	0	0	0	137	0	100	10,688	0	368	28	0	0
46	UNIV OF IOWA	11,278	11	49	0	641	0	0	8,023	141	1,729	684	0	0
47	MICHIGAN STATE UNIV	11,270	2,014	1,502	0	164	0	289	3,777	240	321	2,813	0	150
48	VANDERBILT UNIV	11,142	0	101	0	151	0	33	3,748	0	103	1,009	0	0
49	COLORADO STATE UNIV	10,799	1,292	217	129	561	0	178	1,545	769	626	4,359	0	1,083
50	UNIV OF ARIZONA	10,649	1,047	211	6	2,298	0	192	2,950	324	1,675	1,847	0	86
51	TEXAS A & M UNIV	10,640	3,020	438	1,425	1,430	0	202	859	170	764	1,975	352	0
52	UNIV OF KANSAS	9,663	0	105	0	154	0	0	6,892	0	794	1,718	0	0
53	TEMPLE UNIV	9,419	0	62	0	204	0	0	8,583	0	33	465	0	72
54	GEORGE WASHINGTON UNIV	9,268	0	21	0	1,599	0	181	6,098	0	553	573	0	246
55	ROCKEFELLER UNIV	9,203	0	71	0	189	0	0	8,057	0	0	886	0	0
56	CUNY MT SINAI SCH OF MED	8,922	0	32	0	149	0	0	8,547	0	17	177	0	0
57	BOSTON UNIV	8,744	0	0	0	413	0	0	7,947	0	97	270	20	1
58	RUTGERS UNIVERSITY	8,506	1,111	57	19	367	0	137	4,888	136	33	1,727	32	2
59	CARNEGIE MELLON UNIV	8,469	0	1,505	0	2,897	0	0	1,134	0	139	2,755	35	4
60	UNIV OF ALASKA	8,419	638	247	450	3,097	0	116	771	205	386	2,539	0	0
61	U TEX MD ANIMRS HOSPITUM	8,316	0	61	0	66	0	0	8,048	0	16	125	0	0
62	SUNY ST U BUFFALO	8,208	0	117	0	78	0	0	6,766	0	185	1,062	0	0
63	BROWN UNIV	8,197	0	592	100	879	0	0	2,624	60	204	3,738	0	0
64	UNIV OF VIRGINIA	8,137	0	722	30	722	0	38	4,702	51	475	1,386	0	0
65	UNIV OF MISSOURI COLUMBIA	8,108	1,998	0	6	522	0	83	4,427	162	193	654	0	86
66	N C STATE UNIV AT PALESTIN	7,950	3,147	305	0	360	0	246	2,001	223	273	813	119	272
67	EMORY UNIV	7,790	0	76	0	92	0	0	7,152	0	182	288	0	0
68	INDIANA UNIV-BLOOMINGTON	7,659	0	177	0	351	29	136	3,973	93	244	2,550	0	116
69	TJLANE UNIV	7,505	0	19	0	233	51	24	6,367	0	154	652	0	5

59

70 UNIV OF GEORGIA	7,310	2,192	521	0	288	J	86	2,519	19	15	1,652	0	17
71 UNIV OF KENTUCKY	7,004	2,996	12	0	172	0	0	2,523	241	521	479	100	0
72 UTAH STATE UNIV	6,985	872	37	27	2,201	J	155	288	858	43	1,615	200	692
73 NEW MEXICO STATE UNIV	6,865	953	0	0	3,745	0	0	1,349	392	395	130	0	0
74 U TEX SW MED SCH DALLAS	6,499	0	7	0	191	0	0	6,182	0	77	42	0	0
75 UNIV OF CONNECTICUT	6,455	523	43	45	357	J	68	4,137	137	92	1,003	0	0
76 UNIV OF CINCINNATI	6,447	0	55	0	772	J	437	4,738	0	183	292	0	0
77 UNIV-MASS AMHERST CAMPUS	6,282	977	229	0	568	J	143	1,491	193	284	2,258	0	0
78 GEORGIA INST OF TECH	6,194	0	241	145	2,612	0	93	611	249	601	781	860	0
79 UNIV OF TENN AT KNOXVILLE	5,997	1,944	1,365	0	465	0	0	1,114	358	227	473	0	10
80 INDIANA UNIV-INDIANAPOLIS	5,760	0	0	0	0	0	0	4,335	0	0	118	1,307	0
81 UNIV OF OREGON - EUGENE	5,669	0	220	0	269	J	0	3,271	0	164	1,665	0	79
82 IDHA ST U OF SCIENCETECH	5,597	2,131	11	6	124	0	72	1,144	273	60	1,584	192	0
83 UNIV OF MD, BALTIMORE	5,591	0	0	0	966	0	0	4,577	0	45	0	0	0
84 TUFTS UNIV	5,535	0	315	0	310	J	0	4,517	0	27	366	0	0
85 ILLINOIS INST OF TECH	5,494	0	167	0	142	J	29	4,479	0	60	476	141	0
86 VIRGINIA POLYTECHNIC INST	5,477	1,915	42	73	429	0	0	764	395	543	1,021	328	0
87 UNIV OF NEBRASKA-LINCOLN	5,463	1,626	44	20	78	0	0	2,881	159	199	452	0	0
88 UNIV OF RHODE ISLAND	5,340	539	15	1,191	1,153	J	195	352	132	0	1,760	13	0
89 LA ST UNIV BATON ROUGE	5,291	2,334	112	721	777	J	237	245	82	366	717	0	0
90 ST LOUIS UNIV	5,193	0	0	0	344	137	0	4,113	0	10	320	0	172
91 SUNY ST U STONY BROOK	5,163	0	519	0	97	0	0	1,064	0	593	2,736	0	0
92 GEORGETOWN UNIV	5,162	45	39	0	482	J	100	3,994	2	30	468	0	2
93 FLORIDA STATE UNIV	5,152	0	982	471	559	0	0	1,199	139	124	1,671	0	7
94 UNIV OF DAYTON	4,988	0	0	0	4,828	J	31	25	0	64	40	0	0
95 UNIV OF DENVER	4,934	0	0	30	2,543	0	0	814	345	271	732	103	0
96 UNIV OF VERMONT	4,901	665	21	0	376	0	45	3,496	79	15	52	142	0
97 SUNY ST U ALBANY	4,743	26	54	0	318	152	71	3,262	0	0	838	0	12
98 UNIV OF ARK FAYETTEVILLE	4,688	1,791	85	101	0	0	36	2,372	145	0	157	0	0
99 WAYNE STATE UNIV	4,579	0	143	0	544	J	0	3,136	0	15	731	40	0
100 NEW YORK MEDICAL COL	4,526	0	0	0	138	0	0	3,943	0	0	408	0	0

* INCLUDES AID, HUD, AND LAROP
SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-13 FEDERAL OBLIGATIONS FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1972 (DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	DOJ	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
	TOTAL, ALL INSTITUTIONS	387,848	0	2,004	591	0	0	5,575	346,644	0	1,071	28,752	3,461	0
	TOTAL, 100 INSTITUTIONS	313,807	0	1,397	0	0	0	4,028	284,525	0	446	20,342	2,269	0
1	HARVARD UNIV	11,573	0	0	0	0	0	153	10,243	0	0	1,277	0	0
2	UNIV OF WASHINGTON	9,209	0	238	0	0	0	91	8,343	0	0	372	165	0
3	JOHNS HOPKINS UNIV	9,005	0	0	0	0	0	60	8,772	0	0	173	0	0
4	UNIV OF MICHIGAN	8,873	0	90	0	0	0	296	7,757	0	0	735	0	0
5	STANFORD UNIV	9,504	0	49	0	0	0	183	6,663	0	248	1,246	115	0
6	UNIV OF MINNESOTA	8,448	0	4	0	0	0	177	7,795	0	0	357	115	0
7	UNIV OF PENNSYLVANIA	8,169	0	1	0	0	0	0	7,828	0	0	266	74	0
8	YALE UNIV	7,742	0	0	0	0	0	12	6,951	0	0	779	0	0
9	COLUMBIA UNIV	7,742	0	19	0	0	0	13	7,389	0	0	321	0	0
10	UNIV OF CAL LOS ANGELES	7,630	0	24	0	0	0	0	7,139	0	0	306	161	0
11	UNIV OF WIS-MADISON	7,597	0	36	0	0	0	172	6,735	0	0	644	0	0
12	NEW YORK UNIV	7,009	0	10	0	0	0	112	6,704	0	0	183	0	0
13	UNIV OF CHICAGO	6,944	0	3	0	0	0	6	6,431	0	0	450	0	0
14	WASHINGTON UNIV	6,455	0	0	0	0	0	20	6,290	0	0	145	0	0
15	DUKE UNIV	6,395	0	0	0	0	0	0	6,248	0	0	147	0	0
16	UNIV OF CAL BERKELEY	5,202	0	38	0	0	0	7	4,833	0	0	1,316	8	0
17	UNIV OF CAL SAN FRANCISCO	6,054	0	0	0	0	0	0	6,041	0	0	13	0	0
18	UNIV OF M C AT CHA HILL	5,724	0	0	0	0	0	255	5,301	0	0	168	0	0
19	CASE WESTERN RESERVE UNIV	4,935	0	0	0	0	0	5	4,654	0	93	243	0	0
20	CORNELL UNIV	4,991	0	13	0	0	0	123	4,191	0	0	664	0	0
21	YESHIVA UNIV	4,799	0	0	0	0	0	0	4,774	0	0	25	0	0
22	BOSTON UNIV	4,419	0	0	0	0	0	0	4,373	0	0	46	0	0
23	UNIV OF COLORADO	4,369	0	0	0	0	0	5	4,055	0	0	259	50	0
24	MASS INST OF TECH	4,618	0	126	0	0	0	5	2,281	0	0	1,606	0	0
25	UNIV OF ROCHESTER	3,932	0	78	0	0	0	0	3,734	0	0	170	0	0
26	UNIV OF SOUTHERN CAL	3,976	0	0	0	0	0	344	3,468	0	0	97	67	0
27	UNIV OF PITTSBURGH	3,920	0	6	0	0	0	65	3,701	0	0	148	0	0
28	OHIO STATE UNIV	3,760	0	30	0	0	0	3	3,291	0	0	311	125	0
29	UNIV OF FLORIDA	3,700	0	48	0	0	0	197	3,275	0	0	190	0	0
30	NORTHWESTERN UNIV	3,671	0	3	0	0	0	201	2,984	0	0	305	178	0
31	UNIV OF IOWA	3,658	0	3	0	0	0	0	3,388	0	0	156	111	0
32	UNIV OF KANSAS	3,471	0	41	0	0	0	0	3,256	0	0	164	0	0
33	UNIV OF UTAH	3,437	0	4	0	0	0	1	3,287	0	0	145	0	0
34	UNIV OF ILLINOIS-URBANA	3,272	0	74	0	0	0	73	2,511	0	0	532	82	0
35	UNIV OF TEXAS AT AUSTIN	3,091	0	36	0	0	0	116	2,502	0	0	283	154	0
36	UNIV OF CAL SAN DIEGO	3,083	0	0	0	0	0	0	2,789	0	0	294	0	0
37	VANDERBILT UNIV	2,899	0	21	0	0	0	109	2,672	0	0	97	0	0
38	TULANE UNIV	2,845	0	1	0	0	0	0	2,750	0	0	59	35	0
39	UNIV OF VIRGINIA	2,685	0	23	0	0	0	0	2,590	0	0	72	0	0
40	UNIV OF CINCINNATI	2,682	0	0	0	0	0	96	2,538	0	0	48	0	0
41	MICHIGAN STATE UNIV	2,411	0	5	0	0	0	130	1,947	0	0	329	0	0
42	PURDUE UNIV	2,334	0	55	0	0	0	98	1,635	0	0	396	150	0
43	WAYNE STATE UNIV	2,321	0	0	0	0	0	0	2,221	0	0	100	0	0
44	TEMPLE UNIV	2,241	0	0	0	0	0	7	2,190	0	0	44	0	0
45	EMORY UNIV	2,210	0	0	0	0	0	5	2,147	0	0	58	0	0
46	UNIV OF ARIZONA	2,206	0	26	0	0	0	7	1,996	0	0	177	0	0
47	SUNY ST U BUFFALO	2,169	0	0	0	0	0	0	2,078	0	0	91	0	0
48	UNIV OF MISSOURI COLUMBIA	2,163	0	17	0	0	0	55	1,948	0	0	143	0	0
49	UNIV OF OREGON - EUGENE	2,080	0	0	0	0	0	0	1,954	0	0	126	0	0
50	FLORIDA STATE UNIV	2,066	0	1	0	0	0	7	1,782	0	0	129	147	0
51	UNIV OF CAL DAVIS	2,045	0	25	0	0	0	12	1,857	0	0	151	0	0
52	CATHOLIC UNIV OF AMERICA	2,042	0	0	0	0	0	0	1,890	0	105	47	0	0
53	BAYLOR COL OF MEDICINE	2,035	0	0	0	0	0	0	2,029	0	0	6	0	0
54	U TEX SW MED SCH DALLAS	2,010	0	0	0	0	0	0	2,010	0	0	0	0	0
55	RUTGERS UNIVERSITY	2,007	0	1	0	0	0	148	1,725	0	0	133	0	0
56	CUNY MT SINAI SCH OF MED	1,982	0	0	0	0	0	0	1,982	0	0	0	0	0
57	UNIV OF OKLAHOMA	1,979	0	3	0	0	0	125	1,698	0	0	153	0	0
58	UNIV OF MIAMI	1,912	0	1	0	0	0	0	1,825	0	0	86	0	0
59	UNIV OF ILLINOIS-MED CTR	1,911	0	0	0	0	0	0	1,905	0	0	6	0	0
60	U OF ALA IN BIRMINGHAM	1,909	0	0	0	0	0	0	1,895	0	0	14	0	0
61	SYRACUSE UNIV	1,900	0	0	0	0	0	4	1,615	0	0	142	139	0
62	UNIV OF CONNECTICUT	1,796	0	0	0	0	0	0	1,723	0	0	73	0	0
63	U OREGON MEDICAL SCHOOL	1,759	0	0	0	0	0	0	1,758	0	0	0	0	0
64	UNIV OF MD, BALTIMORE	1,722	0	0	0	0	0	0	1,722	0	0	0	0	0
65	PENNSYLVANIA STATE UNIV	1,699	0	30	0	0	0	184	1,177	0	0	228	80	0
66	VA COMMONWEALTH UNIV	1,638	0	0	0	0	0	0	1,611	0	0	27	0	0
67	INDIANA UNIV-BLOOMINGTON	1,570	0	0	0	0	0	0	1,329	0	0	241	0	0
68	TEACHERS COL	1,527	0	0	0	0	0	0	1,527	0	0	0	0	0
69	UNIV OF KENTUCKY	1,501	0	25	0	0	0	17	1,405	0	0	54	0	0

61

70 CAL INST OF TECH	1,483	0	5	0	0	0	0	980	0	0	498	0	0
71 BRANDEIS UNIV	1,477	0	0	0	0	0	0	1,404	0	0	73	0	0
72 HOWARD UNIV	1,460	0	0	0	0	0	56	1,381	0	0	13	0	0
73 PRINCETON UNIV	1,442	0	0	0	0	0	0	665	0	0	627	150	0
74 GEORGETOWN UNIV	1,428	0	0	0	0	0	0	1,361	0	0	67	0	0
75 UNIV OF HAWAII	1,425	0	0	0	0	0	0	1,296	0	0	129	0	0
76 INDIANA UNIV-INDIANAPOLIS	1,423	0	0	0	0	0	0	1,423	0	0	0	0	0
77 UNIV OF TENN AT KNOXVILLE	1,383	0	85	0	0	0	29	1,142	0	0	127	0	0
78 U OF TENN MED UNITS MEMPH	1,283	0	10	0	0	0	0	1,259	0	0	14	0	0
79 SUNY DOWNSTATE MED CTR	1,221	0	0	0	0	0	69	1,146	0	0	6	0	0
80 WEST VIRGINIA UNIV	1,195	0	0	0	0	0	16	1,098	0	0	81	0	0
81 TUFTS UNIV	1,160	0	0	0	0	0	0	1,093	0	0	67	0	0
82 ST LOUIS UNIV	1,102	0	0	0	0	0	0	1,076	0	0	26	0	0
83 THOS JEFFERSON UNIV HOSP	1,094	0	0	0	0	0	0	1,088	0	0	6	0	0
84 U TEX MD ANDRSN HOSP&TUM	1,091	0	0	0	0	0	0	1,091	0	0	0	0	0
85 BOSTON COL	1,090	0	0	0	0	0	0	1,053	0	0	37	0	0
86 UNIV OF NEW MEXICO	1,087	0	67	0	0	0	0	961	0	0	59	0	0
87 GEORGE WASHINGTON UNIV	1,079	0	0	0	0	0	6	1,035	0	0	38	0	0
88 UNIV OF CAL IRVINE	1,030	0	0	0	0	0	0	958	0	0	72	0	0
89 UNIV OF GEORGIA	989	0	15	0	0	0	0	823	0	0	151	0	0
90 U TEX MED BRNCH GALVESTON	352	0	0	0	0	0	0	952	0	0	0	0	0
91 UNIV OF WIS-MILWAUKEE	939	0	0	0	0	0	0	705	0	0	71	163	0
92 ADELPHI UNIV	935	0	0	0	0	0	0	929	0	0	6	0	0
93 HAHNEMANN MED COL & HOSP	923	0	0	0	0	0	0	883	0	0	40	0	0
94 DARTMOUTH COL	922	0	3	0	0	0	0	845	0	0	74	0	0
95 CALIF ST UNIV S FRANCISCO	885	0	0	0	0	0	0	885	0	0	0	0	0
96 ALBANY MEDICAL COL	872	0	0	0	0	0	0	872	0	0	0	0	0
97 MEHARRY MEDICAL COL	855	0	0	0	0	0	0	855	0	0	0	0	0
98 OREGON STATE UNIV	854	0	4	0	0	0	159	606	0	0	85	0	0
99 BROWN UNIV	852	0	0	0	0	0	0	691	0	0	161	0	0
100 UNIV OF LOUISVILLE	839	0	0	0	0	0	0	791	0	0	48	0	0

* INCLUDES AID, HUD, AND LABOP
SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-14 FEDERAL OBLIGATIONS FOR GENERAL SUPPORT FOR SCIENCE TO THE 100 UNIVERSITIES
AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	DOD	JFO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
	TOTAL, ALL INSTITUTIONS	83,288	0	0	1,481	0	0	0	40,713	1,207	0	34,692	0	5,195
	TOTAL, 100 INSTITUTIONS	63,756	0	0	1,267	0	0	0	31,769	465	0	22,560	0	4,695
1	NEW YORK UNIV	2,162	0	0	0	0	0	0	482	0	0	1,680	0	0
2	FLORIDA STATE UNIV	1,864	0	0	0	0	0	0	58	0	0	1,306	0	500
3	VANDERBILT UNIV	1,837	0	0	0	0	0	0	414	0	0	1,423	0	0
4	DUKE UNIV	1,619	0	0	0	0	0	0	838	0	0	720	0	0
5	INDIANA UNIV-BLOOMINGTON	1,616	0	0	0	0	0	0	84	0	0	1,532	0	0
6	MICHIGAN STATE UNIV	1,560	0	0	0	0	0	0	272	30	0	1,258	0	0
7	UNIV OF MICHIGAN	1,482	0	0	54	0	0	0	867	0	0	96	0	465
8	UNIV OF PITTSBURGH	1,368	0	0	0	0	0	0	497	0	0	871	0	0
9	CORNELL UNIV	1,219	0	0	0	0	0	0	511	38	0	90	0	580
10	MASS INST OF TECH	1,212	0	0	10	0	0	0	181	0	0	121	0	900
11	TUSKEGEE INST	1,123	0	0	0	0	0	0	26	0	0	597	0	500
12	UNIV OF KANSAS	933	0	0	0	0	0	0	883	0	0	50	0	0
13	PRINCETON UNIV	929	0	0	763	0	0	0	78	0	0	88	0	0
14	HARVARD UNIV	919	0	0	0	0	0	0	827	0	0	92	0	0
15	PURDUE UNIV	910	0	0	0	0	0	0	139	24	0	497	0	250
16	UNIV OF IOWA	884	0	0	16	0	0	0	542	0	0	61	0	265
17	UNIV OF CAL DAVIS	870	0	0	0	0	0	0	801	0	0	69	0	0
18	UNIV OF PENNSYLVANIA	862	0	0	0	0	0	0	784	0	0	78	0	0
19	COLUMBIA UNIV	854	0	0	0	0	0	0	759	0	0	95	0	0
20	SOUTHERN UNIV	834	0	0	0	0	0	0	93	0	0	241	0	500
21	JOHNS HOPKINS UNIV	819	0	0	30	0	0	0	719	0	0	70	0	0
22	UNIV OF CAL LOS ANGELES	789	0	0	0	0	0	0	690	5	0	94	0	0
23	UNIV OF MINNESOTA	776	0	0	0	0	0	0	659	23	0	88	0	0
24	UNIV OF HAWAII	759	0	0	24	0	0	0	288	37	0	175	0	235
25	WORCESTER POLYTECH INST	746	0	0	0	0	0	0	0	0	0	746	0	0
26	SHAW UNIV	725	0	0	0	0	0	0	34	0	0	691	0	0
27	UNIV OF WASHINGTON	709	0	0	0	0	0	0	620	0	0	89	0	0
28	UNIV OF N C AT CHAPEL HILL	700	0	0	0	0	0	0	646	0	0	54	0	0
29	VIRGINIA STATE COL	675	0	0	0	0	0	0	0	0	0	175	0	500
30	RUST COL	673	0	0	0	0	0	0	34	0	0	639	0	0
31	RICE UNIV	659	0	0	0	0	0	0	598	0	0	61	0	0
32	YALE UNIV	654	0	0	0	0	0	0	572	0	0	82	0	0
33	UNIV OF WIS-MADISON	640	0	0	0	0	0	0	515	31	0	94	0	0
34	OHIO STATE UNIV	637	0	0	0	0	0	0	460	30	0	147	0	0
35	U OF ALA IN BIRMINGHAM	622	0	0	0	0	0	0	507	0	0	115	0	0
36	N C AGRIC & TECH ST UNIV	619	0	0	0	0	0	0	57	0	0	562	0	0
37	CARNEGIE MELLON UNIV	572	0	0	0	0	0	0	54	0	0	518	0	0
38	UNIV OF COLORADO	565	0	0	0	0	0	0	426	0	0	139	0	0
39	UNIV OF CAL SAN DIEGO	561	0	0	0	0	0	0	464	0	0	97	0	0
40	TOUGALOO COL	561	0	0	0	0	0	0	0	0	0	561	0	0
41	UNIV OF CAL BERKELEY	560	0	0	0	0	0	0	344	0	0	216	0	0
42	STANFORD UNIV	557	0	0	0	0	0	0	461	0	0	96	0	0
43	CASE WESTERN RESERVE UNIV	543	0	0	0	0	0	0	472	0	0	71	0	0
44	UNIV OF SOUTHERN CAL	535	0	0	0	0	0	0	426	0	0	109	0	0
45	SUNY ST U BUFFALO	517	0	0	0	0	0	0	477	0	0	40	0	0
46	UNIV OF CAL SAN FRANCISCO	510	0	0	0	0	0	0	510	0	0	0	0	0
47	UNIV OF MISSOURI COLUMBIA	510	0	0	0	0	0	0	328	19	0	163	0	0
48	UNIV OF CHICAGO	507	0	0	0	0	0	0	416	0	0	91	0	0
49	WASHINGTON UNIV	502	0	0	0	0	0	0	444	0	0	58	0	0
50	UNIV OF MIAMI	500	0	0	81	0	0	0	345	0	0	74	0	0
51	UNIV OF FLORIDA	472	0	0	0	0	0	0	376	24	0	72	0	0
52	UNIV OF ROCHESTER	464	0	0	0	0	0	0	383	0	0	81	0	0
53	YESHIVA UNIV	464	0	0	0	0	0	0	409	0	0	55	0	0
54	UNIV OF UTAH	459	0	0	4	0	0	0	382	0	0	73	0	0
55	EMORY UNIV	455	0	0	0	0	0	0	329	0	0	126	0	0
56	XAVIER U OF LOUISIANA	451	0	0	0	0	0	0	47	0	0	404	0	0
57	TEMPLE UNIV	441	0	0	0	0	0	0	380	0	0	61	0	0
58	NORTHWESTERN UNIV	425	0	0	0	0	0	0	356	0	0	69	0	0
59	PENNSYLVANIA STATE UNIV	422	0	0	0	0	0	0	262	24	0	136	0	0
60	BOSTON UNIV	417	0	0	0	0	0	0	381	0	0	36	0	0
61	BAYLOR COL OF MEDICINE	395	0	0	0	0	0	0	367	0	0	28	0	0
62	UNIV OF CONNECTICUT	389	0	0	0	0	0	0	296	20	0	73	0	0
63	TULANE UNIV	381	0	0	0	0	0	0	354	0	0	27	0	0
64	RUTGERS UNIVERSITY	375	0	0	30	0	0	0	258	36	0	51	0	0
65	WAYNE STATE UNIV	374	0	0	0	0	0	0	278	0	0	96	0	0
66	CUNY MT SINAI SCH OF MED	367	0	0	0	0	0	0	367	0	0	0	0	0
67	INDIANA UNIV-INDIANAPOLIS	366	0	0	0	0	0	0	292	0	0	74	0	0
68	UNIV OF ILLINOIS-MED CTR	362	0	0	0	0	0	0	362	0	0	0	0	0
69	GRAMBLING COL	361	0	0	0	0	0	0	0	0	0	361	0	0

63

70 WAREHOUSE COL	360	0	0	0	0	0	0	0	0	0	0	360	0	0
71 UNIV OF OKLAHOMA	355	0	0	61	0	0	0	0	213	0	0	81	0	0
72 UNIV OF TEXAS AT AUSTIN	350	0	0	0	0	0	0	0	91	0	0	259	0	0
73 UNIV OF VIRGINIA	335	0	0	0	0	0	0	0	283	0	0	52	0	0
74 UNIV OF ILLINOIS-U-URBANA	324	0	0	0	0	0	0	0	151	33	0	140	0	0
75 YUPON UNIV	324	0	0	0	0	0	0	0	260	0	0	64	0	0
76 VA COMMONWEALTH UNIV	314	0	0	0	0	0	0	0	292	0	0	22	0	0
77 UNIV OF KENTUCKY	311	0	0	0	0	0	0	0	217	1	0	93	0	0
78 CHEYNEY STATE COL	311	0	0	0	0	0	0	0	24	0	0	287	0	0
79 U TEX MD ANDRSN HOSPITAL	308	0	0	0	0	0	0	0	308	0	0	0	0	0
80 UNIV OF ARIZONA	307	0	0	0	0	0	0	0	223	11	0	73	0	0
81 ALLEGHENY COL	302	0	0	0	0	0	0	0	0	0	0	302	0	0
82 GEORGETOWN UNIV	295	0	0	0	0	0	0	0	250	0	0	35	0	0
83 UNIV OF CINCINNATI	290	0	0	0	0	0	0	0	249	0	0	41	0	0
84 UNIV OF VERMONT	290	0	0	0	0	0	0	0	239	21	0	30	0	0
85 BROWN UNIV	287	0	0	0	0	0	0	0	234	0	0	53	0	0
86 U TEX SW MED SCH DALLAS	284	0	0	0	0	0	0	0	284	0	0	0	0	0
87 PAINE COL	281	0	0	0	0	0	0	0	0	0	0	281	0	0
88 SWARTHMORE COL	281	0	0	0	0	0	0	0	0	0	0	281	0	0
89 SPELMAN COL	279	0	0	0	0	0	0	0	0	0	0	279	0	0
90 U OF TENN MED UNITS MEMPH	278	0	0	0	0	0	0	0	278	0	0	0	0	0
91 SUNY DOWNSTATE MED CTR	277	0	0	0	0	0	0	0	277	0	0	0	0	0
92 HOWARD UNIV	276	0	0	0	0	0	0	0	255	0	0	21	0	0
93 ST LOUIS UNIV	276	0	0	10	0	0	0	0	239	0	0	27	0	0
94 U OREGON MEDICAL SCHOOL	272	0	0	0	0	0	0	0	272	0	0	0	0	0
95 SPRING HILL COL	268	0	0	0	0	0	0	0	0	0	0	268	0	0
96 UNIV OF CAL SANTA BARBARA	268	0	0	166	0	0	0	0	62	0	0	40	0	0
97 CAL ST COL AT BAKERSFIELD	268	0	0	0	0	0	0	0	0	0	0	268	0	0
98 UNIV OF MD COLLEGE PARK	265	0	0	12	0	0	0	0	44	13	0	190	0	0
99 COLORADO STATE UNIV	263	0	0	6	0	0	0	0	144	33	0	60	0	0
100 ALBANY MEDICAL COL	259	0	0	0	0	0	0	0	229	0	0	30	0	0

* INCLUDES AIG, HUD, AND LABOR
SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-15 FEDERAL OBLIGATIONS FOR FACILITIES AND EQUIPMENT FOR INSTRUCTION IN THE SCIENCES AND ENGINEERING TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1972 (DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USOA	AEC	COM	DOD	OEO	EPA	HEW	INT	MASA	NSF	DOT	OTHER*
	TOTAL, ALL INSTITUTIONS	26,341	488	1,912	0	0	0	0	20,942	0	0	2,999	0	0
	TOTAL, 100 INSTITUTIONS	13,059	127	286	0	0	0	0	12,048	0	0	598	0	0
1	SUNY COL AT OLD WESTBURY	515	0	0	0	0	0	0	515	0	0	0	0	0
2	U OF ALA IN BIRMINGHAM	390	0	0	0	0	0	0	386	0	0	4	0	0
3	UNION COL	293	0	0	0	0	0	0	293	0	0	0	0	0
4	WEST VIRGINIA WESLEYN COL	292	0	0	0	0	0	0	292	0	0	0	0	0
5	ALMA COL	285	0	0	0	0	0	0	282	3	0	0	0	0
6	FLORIDA TECHNOLOGICAL UNIV	271	0	0	0	0	0	0	231	0	0	40	0	0
7	EISENHOWER COL	268	0	0	0	0	0	0	268	0	0	0	0	0
8	BOSTON STATE COLLEGE	240	0	0	0	0	0	0	240	0	0	0	0	0
9	PEPPERDINE UNIVERSITY	222	0	0	0	0	0	0	222	0	0	0	0	0
10	PENNSYLVANIA STATE UNIV	206	34	1	0	0	0	0	161	0	0	10	0	0
11	UNIV OF ILLINOIS-CHGO CIR	202	0	0	0	0	0	0	183	0	0	19	0	0
12	UNIV OF CINCINNATI	202	0	0	0	0	0	0	192	0	0	10	0	0
13	COLUMBUS COL	194	0	0	0	0	0	0	194	0	0	0	0	0
14	UNIV OF SOUTH CAROLINA	194	0	0	0	0	0	0	174	0	0	20	0	0
15	LA ST UNIV BATON ROUGE	190	0	0	0	0	0	0	179	0	0	11	0	0
16	WESTERN WASH STATE COL	184	0	0	0	0	0	0	184	0	0	0	0	0
17	CENTRAL WESLEYAN COL	179	0	0	0	0	0	0	179	0	0	0	0	0
18	BALL STATE UNIV	177	0	0	0	0	0	0	159	0	0	18	0	0
19	WESTERN ILLINOIS UNIV	176	0	0	0	0	0	0	176	0	0	0	0	0
20	UNIV OF WIS-MILWAUKEE	174	0	0	0	0	0	0	165	0	0	9	0	0
21	CENTRAL COL	169	0	0	0	0	0	0	169	0	0	0	0	0
22	CAL COL OF ARTS & CRAFTS	165	0	0	0	0	0	0	165	0	0	0	0	0
23	CAL ST COL GOMINGUEZ HILL	160	0	0	0	0	0	0	160	0	0	0	0	0
24	CALIF ST UNIV FRESNO	160	0	0	0	0	0	0	160	0	0	0	0	0
25	SAN FRANCISCO CONSV MUSIC	160	0	0	0	0	0	0	160	0	0	0	0	0
26	CAL ST COL AT BAKERSFIELD	160	0	0	0	0	0	0	160	0	0	0	0	0
27	COL OF WOOSTER	153	0	0	0	0	0	0	153	0	0	0	0	0
28	UNIV OF PENNSYLVANIA	143	0	0	0	0	0	0	143	0	0	0	0	0
29	ALICE LLOYD COL	141	0	0	0	0	0	0	141	0	0	0	0	0
30	LAKE SUPERIOR STATE COL	137	0	0	0	0	0	0	137	0	0	0	0	0
31	UNIV OF TENN AT CHATTNGA	135	0	0	0	0	0	0	135	0	0	0	0	0
32	WITTENBERG UNIV	133	0	0	0	0	0	0	133	0	0	0	0	0
33	METROPOLITAN STATE COL	132	0	0	0	0	0	0	132	0	0	0	0	0
34	UNIV OF ARK LITTLE ROCK	130	0	0	0	0	0	0	130	0	0	0	0	0
35	UNIV OF WIS-MADISON	130	28	33	0	0	0	0	69	0	0	0	0	0
36	PURDUE UNIV	129	2	0	0	0	0	0	65	0	0	62	0	0
37	WICHITA STATE UNIV	127	0	0	0	0	0	0	118	0	0	9	0	0
38	SOUTHERN OREGON COL	127	0	0	0	0	0	0	127	0	0	0	0	0
39	U OF TEX MED SCH SAN ANT	127	0	0	0	0	0	0	127	0	0	0	0	0
40	SUNY CMTY C FINGER LAKES	126	0	0	0	0	0	0	126	0	0	0	0	0
41	INDIANA UNIV OF PA	124	0	0	0	0	0	0	124	0	0	0	0	0
42	UNIV OF HOUSTON	120	0	0	0	0	0	0	120	0	0	0	0	0
43	CALIF ST COLLEGE SONOMA	114	0	0	0	0	0	0	112	0	0	2	0	0
44	RUST COL	114	0	0	0	0	0	0	114	0	0	0	0	0
45	UNIV OF TEXAS AT AUSTIN	114	0	0	0	0	0	0	88	0	0	26	0	0
46	UNIV OF SOUTH FLORIDA	113	0	0	0	0	0	0	85	0	0	28	0	0
47	UNIV OF MINNESOTA	113	28	0	0	0	0	0	70	0	0	15	0	0
48	MINNEAPOLIS C-ART DESIGN	111	0	0	0	0	0	0	111	0	0	0	0	0
49	MISSOURI SOUTHERN COL	110	0	0	0	0	0	0	110	0	0	0	0	0
50	LEFS-HCRAE COL	110	0	0	0	0	0	0	110	0	0	0	0	0
51	TEXAS A & M UNIV	109	3	53	0	0	0	0	46	0	0	10	0	0
52	UNIV OF KENTUCKY	107	0	0	0	0	0	0	107	0	0	0	0	0
53	UNIV OF WIS-STEVENS POINT	102	0	0	0	0	0	0	102	0	0	0	0	0
54	CATHOLIC UNIV OF P R	100	0	0	0	0	0	0	100	0	0	0	0	0
55	SOUTHERN SEMINARY JR COL	99	0	0	0	0	0	0	99	0	0	0	0	0
56	UNIV OF NEBRASKA-LINCOLN	98	0	0	0	0	0	0	90	0	0	8	0	0
57	RENSELAER POLYTECH INST	98	0	0	0	0	0	0	84	0	0	14	0	0
58	SALEM COL	98	0	0	0	0	0	0	98	0	0	0	0	0
59	INDIANA STATE UNIV	95	0	0	0	0	0	0	95	0	0	0	0	0
60	UNIV OF MICHIGAN	93	0	43	0	0	0	0	0	0	0	50	0	0
61	CUYAHOGA COMM COL	93	0	0	0	0	0	0	93	0	0	0	0	0
62	LEBANON VALLEY COL	93	0	0	0	0	0	0	93	0	0	0	0	0
63	AVILA COL	92	0	0	0	0	0	0	92	0	0	0	0	0
64	UNIV OF TEXAS AT EL PASO	92	0	0	0	0	0	0	57	0	0	35	0	0
65	WACHURRAY COL	90	0	0	0	0	0	0	90	0	0	0	0	0
66	UNIV OF TEXAS AT DALLAS	89	0	0	0	0	0	0	89	0	0	0	0	0
67	CALIF ST U SAN LUI ORIS PO	88	0	0	0	0	0	0	88	0	0	0	0	0
68	UNIV OF LOUISVILLE	88	0	0	0	0	0	0	88	0	0	0	0	0
69	HAMLIN UNIV	87	0	0	0	0	0	0	87	0	0	0	0	0

65

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
70	NEW YORK UNIV	87	0	0	0	0	0	0	71	0	0	16	0	0
71	FEDERAL CITY COL	86	0	0	0	0	0	0	0	0	0	86	0	0
72	NORTHWESTERN UNIV	85	0	0	0	0	0	0	63	0	0	22	0	0
73	OLNEY CENTRAL COLLEGE	85	0	0	0	0	0	0	85	0	0	0	0	0
74	EASTERN NAZARENE COL	85	0	0	0	0	0	0	85	0	0	0	0	0
75	UNIV OF MISSOURI COLUMBIA	85	28	53	0	0	0	0	0	0	0	4	0	0
76	HAMPDEN-SYDNEY COL	84	0	0	0	0	0	0	84	0	0	0	0	0
77	MATTATUCK COMMUNITY COL	84	0	0	0	0	0	0	84	0	0	0	0	0
78	WRIGHT STATE UNIV	82	0	0	0	0	0	0	62	0	0	20	0	0
79	CENTRAL CONN ST COL	82	0	0	0	0	0	0	82	0	0	0	0	0
80	KEUKA COL	82	0	0	0	0	0	0	82	0	0	0	0	0
81	ROBERT MORRIS COLLEGE	79	0	0	0	0	0	0	79	0	0	0	0	0
82	BENNINGTON COL	79	0	0	0	0	0	0	79	0	0	0	0	0
83	UNIV OF TEXAS ARLINGTON	78	0	0	0	0	0	0	73	0	0	5	0	0
84	NORTHAMPTON CNTY COMM COL	78	0	0	0	0	0	0	78	0	0	0	0	0
85	UNIV OF MD COLLEGE PARK	77	7	70	0	0	0	0	0	0	0	0	0	0
86	WASHINGTON STATE UNIV	77	0	33	0	0	0	0	22	0	0	22	0	0
87	COMM COL OF DELAWARE CNTY	76	0	0	0	0	0	0	76	0	0	0	0	0
88	WESLEYAN UNIV	75	0	0	0	0	0	0	68	0	0	7	0	0
89	SIMMONS COL	75	0	0	0	0	0	0	75	0	0	0	0	0
90	STRATFORD COL	75	0	0	0	0	0	0	75	0	0	0	0	0
91	COL OF ST BENEDICT	74	0	0	0	0	0	0	74	0	0	0	0	0
92	UNIV OF WIS-EAU CLAIRE	74	0	0	0	0	0	0	65	0	0	9	0	0
93	INDIANA U REG CAR SYS OFF	72	0	0	0	0	0	0	72	0	0	0	0	0
94	MACOMB COUNTY COMM COL	72	0	0	0	0	0	0	72	0	0	0	0	0
95	UNIV OF TENN AT MARTIN	72	0	0	0	0	0	0	72	0	0	0	0	0
96	GEORGE WASHINGTON UNIV	70	0	0	0	0	0	0	70	0	0	0	0	0
97	SUNY COL PURCHASE	70	0	0	0	0	0	0	70	0	0	0	0	0
98	VASSAR COL	69	0	0	0	0	0	0	69	0	0	0	0	0
99	EAST CENTRAL STATE COL	69	0	0	0	0	0	0	68	0	0	1	0	0
100	EAST TENNESSEE STATE UNIV	69	0	0	0	0	0	0	66	0	0	3	0	0

* INCLUDES ATO, HUD, AND LABOR
 SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-16

FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO UNIVERSITIES
AND COLLEGES, BY DETAILED FIELD OF SCIENCE AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

FIELD OF SCIENCE	TOTAL	USDA	AEC	COM	DOO	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
TOTAL, ALL FIELDS	1,052,963	88,566	86,786	23,591	243,884	8,257	17,709	879,278	23,045	112,426	334,722	12,413	22,286
PHYSICAL SCI., TOTAL	279,124	6,591	50,107	586	63,463	0	1,766	23,875	2,257	52,573	77,882	0	24
ASTRONOMY	35,595	0	0	386	1,736	0	0	0	0	26,509	6,964	0	0
CHEMISTRY	77,588	679	7,241	35	14,311	0	379	23,627	1,555	4,429	25,308	0	24
PHYSICS	141,626	27	42,863	165	35,675	0	281	248	682	16,321	45,364	0	0
PHYSICAL SCI., NEC	24,315	5,885	3	0	11,741	0	1,106	0	20	5,314	246	0	0
MATHEMATICS	50,712	493	2,809	21	13,482	0	183	8,947	549	552	22,268	1,568	0
ENVIRONMENTAL SCI., TOTAL	186,788	1,089	4,597	19,324	41,380	0	5,258	915	7,218	28,089	77,237	1,406	275
ATMOSPHERIC SCI.	45,045	105	682	1,686	9,580	0	1,855	0	3,715	11,404	15,946	72	0
GEOLOGICAL SCI.	31,053	7	954	613	12,043	0	317	0	3,983	4,017	9,644	100	275
OCEANOGRAPHY	68,091	20	2,138	4,002	19,702	0	853	33	10	134	41,895	104	0
ENVIRONMENTAL SCI., NEC	42,599	957	823	13,023	55	0	2,233	882	410	12,534	10,552	1,130	0
ENGINEERING, TOTAL	192,993	4,052	4,414	369	77,889	0	5,417	13,343	7,789	28,568	52,051	5,607	1,574
AERONAUTICAL	11,335	0	133	0	5,257	0	0	0	0	5,310	618	17	0
ASTRONAUTICAL	7,955	0	0	0	680	0	0	0	0	7,275	0	0	0
CHEMICAL	10,516	0	95	0	1,915	0	551	0	2,396	200	5,359	0	0
CIVIL	17,379	276	0	10	1,775	0	1,866	0	1,758	65	6,590	3,791	1,848
ELECTRICAL	51,921	0	99	0	39,581	0	247	120	722	3,001	7,609	181	361
MECHANICAL	18,363	26	0	0	7,824	0	859	227	35	1,813	6,202	1,377	0
METALLURGY & MATERIALS	41,686	0	1,578	0	12,064	0	100	27	2,216	1,779	23,922	0	0
ENGINEERING, NEC	33,838	3,750	2,509	359	8,513	0	1,794	12,969	662	1,125	1,751	241	165
LIFE SCI., TOTAL	896,376	61,129	24,848	1,877	24,489	292	4,707	710,541	1,853	6,624	54,487	370	5,239
BIOLOGICAL	409,784	58,906	20,024	1,877	13,601	0	1,271	253,385	1,763	2,788	54,487	0	1,682
CLINICAL MEDICAL	384,997	0	4,179	0	4,181	292	24	291,452	0	1,308	0	15	3,546
OTHER MEDICAL	177,221	2,223	29	0	6,141	0	1,685	165,525	17	1,235	0	355	11
LIFE SCI., NEC	4,374	0	616	0	486	0	1,727	179	73	1,293	0	0	0
PSYCHOLOGY, TOTAL	55,232	121	0	0	8,664	529	0	33,389	256	1,449	10,393	230	201
BIOLOGICAL ASPECTS	29,040	18	0	0	4,822	0	0	15,043	109	651	8,397	0	0
SOCIAL ASPECTS	18,692	93	0	0	3,206	529	0	12,134	86	283	1,971	189	201
PSYCHOLOGICAL SCI., NEC	7,500	10	0	0	636	0	0	6,212	61	515	25	41	0
SOCIAL SCI., TOTAL	119,827	14,828	0	1,414	2,972	7,436	392	52,470	1,815	312	24,297	433	13,458
ANTHROPOLOGY	3,260	0	0	0	2	0	0	714	20	0	2,524	0	0
ECONOMICS	18,857	1,535	0	1,414	381	1,480	126	851	873	120	4,491	294	7,292
HISTORY	1,439	0	0	0	0	0	0	691	35	0	713	0	0
LINGUISTICS	2,951	5	0	0	218	0	0	1,201	0	0	1,527	0	0
POLITICAL SCI.	3,146	0	0	0	567	0	140	0	291	179	1,736	0	233
SOCIOLOGY	23,437	1,769	0	0	1,137	2,964	126	10,669	221	0	2,449	0	4,102
SOCIAL SCI., NEC	66,737	11,519	0	0	667	2,992	0	38,344	375	13	18,857	139	1,831
OTHER SCI., NEC	71,911	263	11	0	11,785	0	66	35,798	1,308	2,259	16,107	2,799	1,515

* INCLUDES AID, HUD, AND LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-17 HEW OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT, BY DETAILED FIELD OF SCIENCE AND HEW COMPONENT, FY 1972 (DOLLARS IN THOUSANDS)

FIELD OF SCIENCE	TOTAL	NIH	HSMHA	OE	SRS	SSA	FDA	OTHER DHEW
TOTAL, ALL FIELDS	879,278	722,658	92,982	30,460	22,677	334	4,451	5,316
PHYSICAL SCI., TOTAL	23,875	23,155	720	0	0	0	0	0
ASTRONOMY	0	0	0	0	0	0	0	0
CHEMISTRY	23,627	22,941	686	0	0	0	0	0
PHYSICS	248	214	34	0	0	0	0	0
PHYSICAL SCI., NEC	0	0	0	0	0	0	0	0
MATHEMATICS	4,947	7,056	1,891	0	0	0	0	0
ENVIRONMENTAL SCI., TOTAL	915	882	33	0	0	0	0	0
ATMOSPHERIC SCI.	0	0	0	0	0	0	0	0
GEOLOGICAL SCI.	0	0	0	0	0	0	0	0
OCENOGRAPHY	33	0	33	0	0	0	0	0
ENVIRONMENTAL SCI., NEC	882	882	0	0	0	0	0	0
ENGINEERING, TOTAL	13,343	12,884	112	0	347	0	0	0
AERONAUTICAL	0	0	0	0	0	0	0	0
ASTRONAUTICAL	0	0	0	0	0	0	0	0
CHEMICAL	0	0	0	0	0	0	0	0
CIVIL	0	0	0	0	0	0	0	0
ELECTRICAL	120	0	0	0	120	0	0	0
MECHANICAL	227	0	0	0	227	0	0	0
METALLURGY & MATERIALS	27	0	27	0	0	0	0	0
ENGINEERING, NEC	12,969	12,884	85	0	0	0	0	0
LIFE SCI., TOTAL	710,541	634,640	53,727	0	13,323	0	4,451	0
BIOLOGICAL	253,385	230,312	20,535	0	0	0	2,538	0
CLINICAL MEDICAL	291,452	280,899	10,234	0	319	0	0	0
OTHER MEDICAL	165,525	127,429	22,783	0	13,000	0	2,313	0
LIFE SCI., NEC	179	0	175	0	4	0	0	0
PSYCHOLOGY, TOTAL	33,389	7,709	20,936	3,423	1,321	0	0	0
BIOLOGICAL ASPECTS	15,043	1,694	13,349	0	0	0	0	0
SOCIAL ASPECTS	12,134	0	7,587	3,423	1,124	0	0	0
PSYCHOLOGICAL SCI., NEC	6,212	6,015	0	0	197	0	0	0
SOCIAL SCI., TOTAL	52,470	4,718	10,156	24,260	7,686	334	0	5,316
ANTHROPOLOGY	714	0	714	0	0	0	0	0
ECONOMICS	851	0	843	0	8	0	0	0
HISTORY	691	0	120	0	571	0	0	0
LINGUISTICS	1,201	0	1,117	84	0	0	0	0
POLITICAL SCI.	0	0	0	0	0	0	0	0
SOCIOLOGY	10,669	0	6,407	0	4,262	0	0	0
SOCIAL SCI., NEC	38,344	4,718	955	24,176	2,845	334	0	5,316
OTHER SCI., TOTAL	35,798	27,614	5,407	2,777	0	0	0	0

SOURCE: NATIONAL SCIENCE FOUNDATION

89

TABLE B-18 OOD OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT, BY DETAILED FIELD OF SCIENCE AND OOD COMPONENT, FY 1972 (DOLLARS IN THOUSANDS)

FIELD OF SCIENCE	TOTAL	ARMY	NAVY	AIR FORCE	DEFENSE AGENCIES	DEPARTMENT WIDE FUNDS
TOTAL, ALL FIELDS	243,884	50,970	102,082	85,873	4,959	0
PHYSICAL SCI., TOTAL	63,463	15,477	18,174	29,812	0	0
ASTRONOMY	1,736	57	196	1,483	0	0
CHEMISTRY	14,311	5,106	2,920	6,285	0	0
PHYSICS	35,675	8,607	8,694	18,374	0	0
PHYSICAL SCI., NEC	11,741	1,707	6,364	3,670	0	0
MATHEMATICS	13,402	2,272	4,639	6,300	191	0
ENVIRONMENTAL SCI., TOTAL	41,380	2,259	29,142	9,979	0	0
ATMOSPHERIC SCI.	9,580	1,833	3,132	4,615	0	0
GEOLOGICAL SCI.	12,043	426	6,267	5,350	0	0
OCEANOGRAPHY	19,702	0	19,702	0	0	0
ENVIRONMENTAL SCI., NEC	55	0	41	14	0	0
ENGINEERING, TOTAL	77,809	14,381	28,702	33,413	1,313	0
AERONAUTICAL	5,257	1,299	1,393	2,565	0	0
ASTRONAUTICAL	680	0	120	560	0	0
CHEMICAL	1,915	306	432	1,177	0	0
CIVIL	1,975	632	1,075	268	0	0
ELECTRICAL	79,581	5,732	15,331	18,009	509	0
MECHANICAL	7,824	700	2,666	4,458	0	0
METALLURGY & MATERIALS	12,064	4,147	4,120	3,762	35	0
ENGINEERING, NEC	8,513	1,565	3,565	2,614	769	0
LIFE SCI., TOTAL	24,409	11,822	9,524	2,758	305	0
BIOLOGICAL	13,601	6,663	5,889	1,021	28	0
CLINICAL MEDICAL	4,181	3,308	596	0	277	0
OTHER MEDICAL	6,141	1,585	2,915	1,641	0	0
LIFE SCI., NEC	486	266	124	96	0	0
PSYCHOLOGY, TOTAL	8,664	197	4,459	2,066	1,942	0
BIOLOGICAL ASPECTS	4,822	8	3,285	1,190	339	0
SOCIAL ASPECTS	3,206	123	945	613	1,525	0
PSYCHOLOGICAL SCI., NEC	636	66	229	263	78	0
SOCIAL SCI., TOTAL	2,972	350	1,120	549	953	0
ANTHROPOLOGY	2	0	0	0	2	0
ECONOMICS	381	0	381	0	0	0
HISTORY	0	0	0	0	0	0
LINGUISTICS	218	68	83	67	0	0
POLITICAL SCI.	567	65	352	0	150	0
SOCIOLOGY	1,137	32	304	0	801	0
SOCIAL SCI., NEC	667	185	0	482	0	0
OTHER SCI., TOTAL	11,785	4,212	6,322	996	255	0

SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-19 FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY MAJOR FIELD OF SCIENCE, FY 1972 (DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	PHYSICAL SCIENCES	MATHE- MATICS	ENVIRON- MENTAL SCIENCES	ENGI- NEERING	LIFE SCIENCES	PSYCHOL- OGY	SOCIAL SCIENCES	OTHER SCIENCES, NEC.
	TOTAL, ALL INSTITUTIONS	1,852,963	279,124	50,712	186,788	192,993	896,376	55,232	119,827	71,911
	TOTAL, 100 INSTITUTIONS	1,579,587	244,692	44,736	162,854	160,924	769,682	45,730	92,003	58,966
1	MASS INST OF TECH	104,882	32,859	2,179	13,149	41,010	10,836	273	1,204	3,376
2	UNIV OF CAL SAN DIEGO	50,027	8,455	285	24,137	1,503	12,856	847	155	1,789
3	UNIV OF WASHINGTON	48,241	3,430	875	9,751	2,044	29,603	639	1,025	875
4	STANFORD UNIV	48,216	7,896	1,859	3,193	9,384	17,675	1,562	3,381	3,266
5	COLUMBIA UNIV	45,493	11,323	540	7,749	828	19,852	876	4,099	226
6	HARVARD UNIV	45,450	8,657	651	1,658	1,955	27,223	1,357	2,683	1,246
7	UNIV OF MICHIGAN	44,481	5,072	1,387	7,311	5,859	16,177	2,429	4,345	1,901
8	UNIV OF CAL LOS ANGELES	41,929	4,778	1,448	3,464	3,101	25,028	1,686	1,230	1,194
9	UNIV OF WIS-MADISON	40,943	6,355	2,117	3,536	1,488	19,603	2,040	5,450	354
10	UNIV OF CAL BERKELEY	37,455	5,752	2,643	2,850	4,684	14,697	1,532	4,993	294
11	UNIV OF MINNESOTA	36,453	4,044	1,256	1,221	1,989	20,018	934	5,800	1,111
12	JOHNS HOPKINS UNIV	35,535	2,195	441	3,471	807	25,667	792	603	1,559
13	UNIV OF CHICAGO	31,079	5,849	1,052	2,148	1,562	16,451	759	1,750	468
14	CORNELL UNIV	31,034	6,935	1,058	1,156	5,421	13,580	565	1,327	992
15	UNIV OF PENNSYLVANIA	28,379	2,832	641	113	3,180	17,469	1,090	1,965	1,084
16	UNIV OF ILLINOIS-URBANA	28,253	6,655	1,518	1,969	8,441	6,123	1,531	1,571	435
17	YALE UNIV	27,506	5,704	591	823	963	16,061	1,158	1,697	509
18	OHIO STATE UNIV	23,369	2,754	622	513	2,999	6,624	1,387	4,947	3,221
19	NEW YORK UNIV	23,045	1,436	2,541	482	1,320	15,267	403	491	199
20	WASHINGTON UNIV	21,752	1,115	434	389	1,075	16,967	736	456	580
21	UNIV OF CAL SAN FRANCISCO	20,382	223	181	107	144	18,162	94	655	816
22	UNIV OF SOUTHERN CAL	20,027	1,798	592	1,087	1,455	9,300	786	1,997	3,012
23	UNIV OF COLORADO	19,926	3,643	265	2,485	609	9,978	739	1,383	823
24	YESHIVA UNIV	19,368	597	142	0	318	17,103	569	96	243
25	UNIV OF ROCHESTER	18,371	3,352	253	564	348	11,819	631	679	725
26	DUKE UNIV	17,768	2,768	89	444	233	12,813	349	470	602
27	CAL INST OF TECH	17,467	8,343	352	1,755	1,770	5,094	63	50	40
28	UNIV OF UTAH	17,312	2,737	449	1,558	1,987	7,641	144	971	1,905
29	UNIV OF N C AT CHAP HILL	16,811	938	750	800	809	10,544	672	2,229	69
30	PRINCE GEORGE UNIV	16,607	3,475	849	1,764	3,079	5,388	775	777	500
31	UNIV OF MIAMI	16,606	759	41	5,641	36	9,190	240	393	306
32	WOODS HOLE OCEAN INST	16,372	0	0	11,583	566	1,176	40	0	1,007
33	PENNSYLVANIA STATE UNIV	15,989	1,487	133	1,634	2,184	8,280	432	1,642	197
34	UNIV OF CAL DAVIS	15,734	1,003	203	1,254	228	12,200	350	172	324
35	CASE WESTERN RESERVE UNIV	14,833	2,943	71	394	1,817	8,493	180	460	435
36	UNIV OF TEXAS AT AUSTIN	14,793	4,125	849	763	1,354	3,398	547	1,374	2,386
37	PRINCETON UNIV	14,456	7,223	589	647	2,388	2,556	516	224	313
38	UNIV OF FLORIDA	13,561	1,807	279	571	1,959	7,021	877	758	289
39	UNIV OF PITTSBURGH	13,197	2,291	67	1,020	345	8,014	439	361	660
40	NORTHWESTERN UNIV	13,026	1,471	710	186	2,506	6,723	333	1,013	84
41	UNIV OF HAWAII	12,977	2,494	498	3,365	510	3,867	414	865	964
42	UNIV OF ALA IN BIRMINGHAM	12,966	113	68	0	209	11,911	113	7	549
43	OREGON STATE UNIV	11,697	659	64	5,312	299	4,926	0	115	322
44	UNIV OF MD COLLEGE PARK	11,675	6,343	841	432	1,374	1,455	434	264	532
45	BAYLOR COL OF MEDICINE	11,291	0	0	21	0	10,687	214	61	308
46	UNIV OF IOWA	11,275	2,399	229	98	238	7,389	234	278	413
47	MICHIGAN STATE UNIV	11,270	2,449	128	58	230	6,327	173	785	220
48	VANDERBILT UNIV	11,142	787	92	0	193	3,543	165	361	0
49	COLORADO STATE UNIV	10,799	824	138	2,504	1,405	4,408	285	1,086	149
50	UNIV OF ARIZONA	10,649	3,613	137	1,492	835	3,785	38	514	235
51	TEXAS A & M UNIV	10,640	1,470	182	3,629	688	3,451	25	1,171	24
52	UNIV OF KANSAS	9,663	1,452	77	292	582	5,362	442	1,043	313
53	TEMPLE UNIV	9,419	480	21	0	8	8,280	370	260	0
54	GEORGE WASHINGTON UNIV	9,268	52	1,702	172	1,172	4,058	67	1,751	284
55	POCKEFELLER UNIV	9,203	412	23	0	0	7,971	722	75	0
56	CUNY MT SINAI SCH OF MED	8,922	209	0	214	110	7,993	278	78	40
57	BOSTON UNIV	8,748	100	791	33	346	7,145	166	147	20
58	RUTGERS UNIVERSITY	8,506	1,174	337	214	343	4,093	1,581	367	397
59	CARNEGIE MELLON UNIV	8,469	2,254	2,712	0	1,533	720	547	468	225
60	UNIV OF ALASKA	8,419	508	0	2,552	2,247	2,517	0	352	243
61	UNIV TEX MD ANDRSON HOSPITUM	8,316	84	170	0	0	7,686	50	0	326
62	CUNY ST N BUFFALO	8,208	939	496	25	303	6,365	51	196	133
63	AROHAN UNIV	8,197	1,379	842	487	2,681	2,267	392	139	10
64	UNIV OF VIRGINIA	8,137	1,388	252	340	1,189	4,216	125	145	490
65	UNIV OF MISSOURI COLUMBIA	8,134	366	26	88	769	5,933	52	621	291
66	N C STATE UNIV AT RALEIGH	7,950	798	272	260	1,238	3,700	278	717	597
67	EMORY UNIV	7,793	187	9	0	37	6,652	438	67	400
68	INDIANA UNIV-BLOOMINGTON	7,659	2,299	388	176	191	2,144	464	1,962	35
69	UCLA UNIV	7,505	252	259	95	437	6,196	102	59	105
70	UNIV OF GEORGIA	7,310	907	71	254	147	3,824	95	1,879	122

70

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	PHYSICAL SCIENCES	MATHE- MATICS	MENTAL SCIENCES	ENGT- NEERING	LIFE SCIENCES	PSYCHOL- OGY	SOCIAL SCIENCES	SCIENCES, NEC.
71	UNIV OF KENTUCKY	7,064	431	48	37	697	4,268	431	931	361
72	UTAH STATE UNIV	6,985	517	162	2,483	730	2,568	3	278	268
73	NEW MEXICO STATE UNIV	6,865	243	19	203	1,403	369	47	1,513	2,578
74	U TEX SW MED SCH DALLAS	6,499	100	0	91	0	6,016	0	0	292
75	UNIV OF CONNECTICUT	6,455	710	96	169	345	4,294	359	303	179
76	UNIV OF CINCINNATI	6,447	310	7	102	1,058	4,346	143	386	95
77	UNIV-MASS AMHERST CAMPUS	6,282	1,760	258	352	868	1,873	424	408	339
78	GEORGIA INST OF TECH	6,194	1,287	0	272	2,765	290	0	266	1,314
79	UNIV OF TENN AT KNOXVILLE	5,997	995	55	219	643	3,196	141	660	89
80	INDIANA UNIV-INDIANAPOLIS	5,760	70	102	0	172	3,669	146	125	1,476
81	UNIV OF OREGON - EUGENE	5,669	1,351	86	123	112	1,656	971	1,139	221
82	IOWA ST U OF SCIENCE&TECH	5,597	692	260	762	453	2,711	3	660	66
83	UNIV OF MD, BALTIMORE	5,591	28	6	0	11	5,085	0	0	461
84	TUFTS UNIV	5,535	430	12	0	292	4,625	165	14	27
85	ILLINOIS INST OF TECH	5,494	447	169	0	1,712	3,043	40	0	83
86	VIRGINIA POLYTECHNIC INST	5,477	748	64	409	1,206	2,386	11	385	228
87	UNIV OF NEBRASKA-LINCOLN	5,463	372	28	128	432	3,681	69	577	176
88	UNIV OF RHODE ISLAND	5,340	254	0	3,500	238	993	15	85	191
89	LA ST UNIV BATON ROUGE	5,291	1,094	146	1,567	229	1,935	38	292	0
90	ST LOUIS UNIV	5,193	36	0	203	290	4,188	0	377	109
91	SUNY ST U STONY BROOK	5,163	2,245	434	377	414	739	544	32	333
92	GEORGETOWN UNIV	5,162	664	161	40	224	3,196	204	104	665
93	FLORIDA STATE UNIV	5,152	1,528	211	1,164	0	1,836	308	98	7
94	UNIV OF DAYTON	4,988	2,310	0	273	2,197	218	0	0	0
95	UNIV OF DENVER	4,939	1,466	296	1,187	448	197	814	366	164
96	UNIV OF VERMONT	4,901	268	112	84	447	3,595	134	165	86
97	SUNY ST U ALBANY	4,743	268	43	604	105	1,858	152	223	1,512
98	UNIV OF ARK FAYETTEVILLE	4,688	252	20	130	147	2,422	145	1,416	156
99	WAYNE STATE UNIV	4,579	912	73	0	259	2,502	300	195	328
100	NEW YORK MEDICAL COL	4,524	40	41	0	5	3,927	397	216	0

SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-20

FEDERAL OBLIGATIONS FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS TO
UNIVERSITIES AND COLLEGES, BY DETAILED FIELD OF SCIENCE AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

FIELD OF SCIENCE	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
TOTAL, ALL FIELDS	387,888	0	2,004	381	0	0	5,575	346,644	0	1,071	28,752	3,461	0
PHYSICAL SCI., TOTAL	6,403	0	222	0	0	0	133	2,372	0	0	3,676	0	0
ASTRONOMY	189	0	0	0	0	0	0	0	0	0	189	0	0
CHEMISTRY	4,753	0	82	0	0	0	95	2,261	0	0	2,315	0	0
PHYSICS	1,406	0	140	0	0	0	14	111	0	0	1,141	0	0
PHYSICAL SCI., NEC	55	0	0	0	0	0	24	0	0	0	31	0	0
MATHEMATICS	3,866	0	5	0	0	0	128	1,625	0	0	2,108	0	0
ENVIRONMENTAL SCI., TOTAL	5,741	0	0	381	0	0	2,582	2,204	0	0	574	0	0
ATMOSPHERIC SCI.	780	0	0	0	0	0	709	0	0	0	71	0	0
GEOLOGICAL SCI.	521	0	0	0	0	0	125	0	0	0	396	0	0
OCEANOGRAPHY	432	0	0	381	0	0	12	0	0	0	39	0	0
ENVIRONMENTAL SCI., NEC	4,008	0	0	0	0	0	1,736	2,204	0	0	64	0	0
ENGINEERING, TOTAL	12,631	0	1,083	0	0	0	2,254	2,942	0	1,041	1,895	3,413	0
AERONAUTICAL	52	0	0	0	0	0	0	0	0	0	52	0	0
ASTRONAUTICAL	0	0	0	0	0	0	0	0	0	0	0	0	0
CHEMICAL	375	0	3	0	0	0	46	21	0	0	305	0	0
CIVIL	5,188	0	0	0	0	0	1,553	155	0	0	67	3,413	0
ELECTRICAL	820	0	0	0	0	0	7	197	0	25	599	0	0
MECHANICAL	395	0	0	0	0	0	7	15	0	0	373	0	0
METALLURGY & MATERIALS	192	0	4	0	0	0	0	64	0	0	124	0	0
ENGINEERING, NEC	5,601	0	1,076	0	0	0	641	2,490	0	1,016	378	0	0
LIFE SCI., TOTAL	223,977	0	182	0	0	0	240	220,429	0	0	3,126	0	0
BIOLOGICAL	62,757	0	102	0	0	0	98	59,431	0	0	3,126	0	0
CLINICAL MEDICAL	122,094	0	0	0	0	0	0	122,094	0	0	0	0	0
OTHER MEDICAL	26,100	0	1	0	0	0	142	25,957	0	0	0	0	0
LIFE SCI., NEC	13,026	0	79	0	0	0	0	12,947	0	0	0	0	0
PSYCHOLOGY, TOTAL	32,706	0	0	0	0	0	0	31,502	0	0	1,156	48	0
BIOLOGICAL ASPECTS	16,893	0	0	0	0	0	0	16,885	0	0	8	0	0
SOCIAL ASPECTS	12,799	0	0	0	0	0	0	12,051	0	0	700	48	0
PSYCHOLOGICAL SCI., NEC	3,014	0	0	0	0	0	0	2,566	0	0	448	0	0
SOCIAL SCI., TOTAL	68,150	0	0	0	0	0	233	65,550	0	0	2,367	0	0
ANTHROPOLOGY	2,377	0	0	0	0	0	0	1,862	0	0	515	0	0
ECONOMICS	686	0	0	0	0	0	13	0	0	0	593	0	0
HISTORY	175	0	0	0	0	0	0	32	0	0	143	0	0
LINGUISTICS	316	0	0	0	0	0	0	144	0	0	172	0	0
POLITICAL SCI.	418	0	0	0	0	0	107	50	0	0	261	0	0
SOCIOLOGY	32,365	0	0	0	0	0	113	31,812	0	0	440	0	0
SOCIAL SCI., NEC	31,893	0	0	0	0	0	0	31,650	0	0	243	0	0
OTHER SCI., NEC	34,414	0	512	0	0	0	5	20,020	0	30	13,847	0	0

* INCLUDES AID, HUD, AND LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-21

NEW OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR FELLOWSHIPS, TRAINEESHIPS,
AND TRAINING GRANTS, BY DETAILED FIELD OF SCIENCE AND NEW COMPONENT, FY 1972
(DOLLARS IN THOUSANDS)

FIELD OF SCIENCE	TOTAL	NIH	NSMHA	OE	SRS	SSA	FOA	OTHER DHEW
TOTAL, ALL FIELDS	346,644	170,929	103,883	40,541	30,188	0	1,103	0
PHYSICAL SCI., TOTAL	2,372	2,322	50	0	0	0	0	0
ASTRONOMY	0	0	0	0	0	0	0	0
CHEMISTRY	2,261	2,211	50	0	0	0	0	0
PHYSICS	111	111	0	0	0	0	0	0
PHYSICAL SCI., NEC	0	0	0	0	0	0	0	0
MATHEMATICS	1,625	1,594	31	0	0	0	0	0
ENVIRONMENTAL SCI., TOTAL	2,204	1,655	549	0	0	0	0	0
ATMOSPHERIC SCI.	0	0	0	0	0	0	0	0
GEOLOGICAL SCI.	0	0	0	0	0	0	0	0
OCEANOGRAPHY	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCI., NEC	2,204	1,655	549	0	0	0	0	0
ENGINEERING, TOTAL	2,942	2,787	155	0	0	0	0	0
AERONAUTICAL	0	0	0	0	0	0	0	0
ASTRONAUTICAL	0	0	0	0	0	0	0	0
CHEMICAL	21	21	0	0	0	0	0	0
CIVIL	155	0	155	0	0	0	0	0
ELECTRICAL	197	197	0	0	0	0	0	0
MECHANICAL	15	15	0	0	0	0	0	0
METALLURGY & MATERIALS	64	64	0	0	0	0	0	0
ENGINEERING, NEC	2,490	2,490	0	0	0	0	0	0
LIFE SCI., TOTAL	220,429	150,948	83,338	0	5,040	0	1,103	0
BIOLOGICAL	59,431	58,806	519	0	0	0	106	0
CLINICAL MEDICAL	122,094	77,592	39,462	0	5,040	0	0	0
OTHER MEDICAL	25,957	7,004	17,956	0	0	0	997	0
LIFE SCI., NEC	12,947	7,546	5,401	0	0	0	0	0
PSYCHOLOGY, TOTAL	31,502	5,115	19,147	552	6,688	0	0	0
BIOLOGICAL ASPECTS	16,885	2,410	14,475	0	0	0	0	0
SOCIAL ASPECTS	12,051	139	4,672	552	6,688	0	0	0
PSYCHOLOGICAL SCI., NEC	2,566	2,566	0	0	0	0	0	0
SOCIAL SCI., TOTAL	65,550	2,455	20,270	27,663	15,162	0	0	0
ANTHROPOLOGY	1,862	784	1,078	0	0	0	0	0
ECONOMICS	0	0	0	0	0	0	0	0
HISTORY	32	20	12	0	0	0	0	0
LINGUISTICS	144	0	144	0	0	0	0	0
POLITICAL SCI.	50	0	50	0	0	0	0	0
SOCIOLOGY	31,812	1,013	15,637	0	15,162	0	0	0
SOCIAL SCI., NEC	31,650	638	3,349	27,663	0	0	0	0
OTHER SCI., TOTAL	20,020	4,053	343	12,326	3,298	0	0	0

SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-22 FEDERAL OBLIGATIONS FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY MAJOR FIELD OF SCIENCE, FY 1972 (DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	PHYSICAL SCIENCES	MATHEMATICS	ENVIRONMENTAL SCIENCES	ENGINEERING	LIFE SCIENCES	PSYCHOLOGY	SOCIAL SCIENCES	OTHER SCIENCES, NEC.
	TOTAL, ALL INSTITUTIONS	387,888	6,403	3,856	5,741	12,631	223,477	32,716	68,150	34,414
	TOTAL, 100 INSTITUTIONS	313,207	4,957	3,216	3,985	8,930	209,773	25,313	43,531	22,396
1	HARVARD UNIV	11,673	481	143	331	35	9,474	634	820	755
2	UNIV OF WASHINGTON	9,209	237	163	98	217	6,552	531	649	662
3	JOHNS HOPKINS UNIV	7,305	14	167	183	191	7,797	234	198	341
4	UNIV OF MICHIGAN	6,878	137	39	34	524	4,290	321	2,335	634
5	STANFORD UNIV	6,504	258	353	25	797	4,754	824	628	854
6	UNIV OF MINNESOTA	6,448	83	41	57	321	5,279	858	1,380	419
7	UNIV OF PENNSYLVANIA	6,169	37	0	27	221	6,147	517	956	264
8	YALE UNIV	7,742	119	100	39	6	6,127	613	452	289
9	COLUMBIA UNIV	7,742	110	7	19	51	5,344	204	1,558	441
10	UNIV OF CAL LOS ANGELES	7,630	77	134	123	203	5,133	911	679	373
11	UNIV OF WIS-MADISON	7,587	54	94	120	226	4,802	591	1,256	444
12	NEW YORK UNIV	7,009	14	52	0	111	4,627	755	1,001	449
13	UNIV OF CHICAGO	6,944	134	218	382	0	4,617	445	862	315
14	WASHINGTON UNIV	6,455	6	0	20	56	5,137	357	716	261
15	DUKE UNIV	6,395	45	25	0	75	4,394	710	375	191
16	UNIV OF CAL BERKELEY	5,202	317	234	19	227	2,639	486	1,613	667
17	UNIV OF CAL SAN FRANCISCO	6,154	0	0	5	36	5,796	40	132	45
18	UNIV OF NC AT CHAP HILL	5,724	0	193	255	63	3,326	633	705	555
19	CASE WESTERN RESERVE UNIV	4,995	25	2	25	166	3,189	314	654	420
20	CORNELL UNIV	4,991	143	112	18	153	3,420	255	411	439
21	YESHIVA UNIV	4,799	7	0	0	0	4,321	257	148	66
22	BOSTON UNIV	4,419	54	0	0	0	3,056	382	674	253
23	UNIV OF COLORADO	4,359	22	0	29	55	3,056	667	141	357
24	MASS INST OF TECH	4,318	336	224	73	913	1,546	438	203	415
25	UNIV OF ROCHESTER	3,982	15	7	0	11	3,260	415	61	212
26	UNIV OF SOUTHERN CAL	3,975	84	112	225	260	1,597	454	1,031	213
27	UNIV OF PITTSBURGH	3,920	20	32	0	13	2,386	275	914	279
28	OHIO STATE UNIV	3,760	157	51	9	166	1,320	327	929	301
29	UNIV OF FLORIDA	3,700	24	0	232	154	2,326	342	263	349
30	NORTHWESTERN UNIV	3,671	43	13	0	559	1,861	313	525	347
31	UNIV OF IOWA	3,659	27	0	0	138	2,291	555	405	232
32	UNIV OF KANSAS	3,471	245	0	0	16	1,399	497	1,021	293
33	UNIV OF UTAH	3,437	54	25	0	26	2,246	222	654	210
34	UNIV OF ILLINOIS-URBANA	3,272	102	20	63	221	1,227	525	649	465
35	UNIV OF TEXAS AT AUSTIN	3,091	74	0	7	301	1,369	435	866	368
36	UNIV OF CAL SAN DIEGO	3,383	51	0	24	15	2,540	120	195	129
37	VANDERBILT UNIV	2,999	21	7	46	139	2,255	185	93	163
38	YALANE UNIV	2,845	0	16	0	58	2,115	5	454	197
39	UNIV OF VIRGINIA	2,685	67	0	0	128	1,806	134	346	202
40	UNIV OF CINCINNATI	2,682	21	6	172	155	1,707	266	236	125
41	MICHIGAN STATE UNIV	2,411	48	0	153	57	1,184	395	258	325
42	PURDUE UNIV	2,334	62	13	25	318	1,302	154	69	381
43	MAINE STATE UNIV	2,321	7	0	0	23	1,188	275	570	258
44	TEMPLE UNIV	2,241	9	0	0	19	1,729	95	306	82
45	EMORY UNIV	2,210	44	18	5	0	1,922	79	21	121
46	UNIV OF ARIZONA	2,206	1	0	13	22	938	219	563	550
47	SUNY ST U BUFFALO	2,169	50	99	0	0	1,459	152	194	205
48	UNIV OF MISSOURI COLUMBIA	2,163	16	0	7	85	329	312	543	271
49	UNIV OF OREGON - EUGENE	2,089	18	0	7	0	514	465	783	193
50	FLORIDA STATE UNIV	2,065	26	52	0	154	344	534	738	204
51	UNIV OF CAL DAVIS	2,045	21	0	7	23	1,408	110	283	193
52	CATHOLIC UNIV OF AMERICA	2,042	0	0	0	105	339	56	1,391	141
53	BAYLOR COL OF MEDICINE	2,035	0	0	0	1	1,986	37	0	11
54	UNIV TEX SW MED SCH DALLAS	2,310	0	0	0	0	1,991	20	0	0
55	RUTGERS UNIVERSITY	2,007	7	45	125	26	720	344	547	186
56	SUNY MT SINAI SCH OF MED	1,982	0	0	0	0	1,982	0	0	0
57	UNIV OF OKLAHOMA	1,979	10	0	42	119	1,130	150	334	194
58	UNIV OF MIAMI	1,912	0	0	0	8	1,623	73	93	115
59	UNIV OF ILLINOIS-MED CTR	1,911	0	0	0	52	1,674	91	0	94
60	UNIV OF ALA IN BIRMINGHAM	1,909	15	0	0	21	1,751	3	0	113
61	SYRACUSE UNIV	1,900	0	0	0	177	114	387	1,028	194
62	UNIV OF CONNECTICUT	1,796	0	0	0	0	736	255	595	210
63	UNIV OF OREGON MEDICAL SCHOOL	1,758	0	0	0	0	1,546	71	41	0
64	UNIV OF MD, BALTIMORE	1,722	0	0	0	0	1,535	25	119	72
65	PENNSYLVANIA STATE UNIV	1,699	18	7	146	110	373	181	477	347
66	VA COMMONWEALTH UNIV	1,638	0	0	0	0	1,114	227	263	34
67	INDIANA UNIV-BLOOMINGTON	1,570	29	25	0	0	79	121	518	298
68	TEACHERS COL	1,527	0	0	0	0	531	333	502	161
69	UNIV OF KENTUCKY	1,401	7	0	75	0	960	53	237	171
70	CAL INST OF TECH	1,483	220	73	211	32	695	69	0	183

74

CONTINUED TABLE B-22 FEDERAL OBLIGATIONS FOR FELLOWSHIPS, TRAINERSHIPS, AND TRAINING GRANTS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY MAJOR FIELD OF SCIENCE, FY 1972 (DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	PHYSICAL SCIENCES	MATHEMATICS	ENVIRONMENTAL SCIENCES	ENGI-NEERING	LIFE SCIENCES	PSYCHOL-OGY	SOCIAL SCIENCES	OTHER SCIENCES, NEC.
71	BRANDEIS UNIV	1,477	22	0	0	0	810	54	406	175
72	HOWARD UNIV	1,460	17	0	65	0	775	94	440	78
73	PRINCETON UNIV	1,442	221	216	12	181	465	71	61	255
74	GEORGETOWN UNIV	1,428	13	0	14	0	1,263	23	32	81
75	UNIV OF HAWAII	1,425	17	0	0	0	731	33	440	204
76	INDIANA UNIV-INDIANAPOLIS	1,423	0	0	0	0	1,257	45	120	0
77	UNIV OF TENN AT KNOXVILLE	1,383	28	5	174	46	412	243	208	261
78	UNIV OF TENN MED UNITS MEMPH	1,283	1	0	0	18	1,196	13	0	66
79	TXNY DOWNSTATE MED CTR	1,271	0	0	0	0	1,215	3	0	6
80	WEST VIRGINIA UNIV	1,195	0	0	15	15	525	142	298	99
81	TUFTS UNIV	1,160	13	6	3	6	988	58	0	79
82	ST LOUIS UNIV	1,107	0	0	3	0	532	93	306	84
83	THOS JEFFERSON UNIV HOSP	1,094	0	0	0	0	1,097	0	0	7
84	UNIV TEX MD ANTONY HOSPITAL	1,091	0	1	0	0	893	9	0	188
85	BOSTON COL	1,090	0	0	0	0	213	0	642	238
86	UNIV OF NEW MEXICO	1,087	19	0	0	27	557	136	206	172
87	GEORGE WASHINGTON UNIV	1,079	0	0	5	0	361	123	475	117
88	UNIV OF CAL IRVIN	1,038	30	0	0	0	792	97	44	77
89	UNIV OF GEORGIA	989	56	7	0	0	241	344	139	162
90	UNIV TEX MED BRNCH GALVESTON	957	0	0	0	0	925	27	0	0
91	UNIV OF WIS-MILWAUKEE	939	14	0	0	159	78	138	541	69
92	DELPHI UNIV	935	0	0	0	0	231	135	473	36
93	HANNEMANN MED COL & HOSP	923	0	0	0	0	319	0	0	13
94	PORTMOUTH COL	922	58	0	9	3	728	68	6	50
95	CALIF ST UNIV S FRANCISCO	985	0	0	3	0	59	225	610	0
96	ALBANY MEDICAL COL	972	0	0	0	0	472	0	0	0
97	KEHARRY MEDICAL COL	855	0	0	0	0	729	125	0	0
98	OREGON STATE UNIV	854	13	67	108	57	312	0	175	122
99	BROWN UNIV	852	19	7	23	0	271	140	49	343
100	UNIV OF LOUISVILLE	839	0	0	0	17	456	7	296	53

SOURCE: NATIONAL SCIENCE FOUNDATION

B-23. Federal obligations to universities and colleges, by agency and type of control: FY 1972

(Dollars in thousands)

Agency	Total		Public			Private		
	Amount	Vertical percent distribution	Amount	Vertical percent distribution	Percent of agency total	Amount	Vertical percent distribution	Percent of agency total
Total	4,130,561	100.00	2,487,362	100.00	60.22	1,643,199	100.00	39.78
Department of Agriculture	238,555	5.78	229,744	9.24	96.31	8,811	.54	3.69
Atomic Energy Commission	95,267	2.31	49,755	2.00	52.23	45,512	2.77	47.77
Department of Commerce	26,021	.63	19,531	.79	75.06	6,490	.39	24.94
Department of Defense	243,884	5.90	112,825	4.54	46.26	131,059	7.98	53.74
Office of Economic Opportunity	30,005	.73	15,828	.64	52.75	14,177	.86	47.25
Environmental Protection Agency	23,284	.56	16,921	.68	72.67	6,363	.39	27.33
Department of Health, Education, and Welfare	2,827,941	68.46	1,671,650	67.21	59.11	1,156,291	70.37	40.89
Department of the Interior	24,395	.59	21,659	.87	88.78	2,736	.17	11.22
National Aeronautics and Space Administration	119,000	2.88	62,767	2.52	52.75	56,233	3.42	47.25
National Science Foundation	458,678	11.10	258,420	10.39	56.34	200,258	12.19	43.66
Department of Transportation	15,874	.38	10,357	.42	65.25	5,517	.34	34.75
Other ¹	27,657	.67	17,905	.72	64.74	9,752	.59	35.26

¹Includes AID, HUD, and Labor.

SOURCE: National Science Foundation

TABLE B 24 TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY, FY 1972 (DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE							NON- SCIENCE	
		TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAININGS, GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE		
UNITED STATES, TOTAL										
PUBLIC	AMT 2,487,362 NO. 1,146	1,518,038 723	1,033,584 356	19,646 66	16,936 450	213,730 429	47,047 363	187,095 288	969,324 1,140	
PRIVATE	AMT 1,643,199 NO. 1,267	1,080,951 690	819,379 281	17,271 37	9,405 362	174,158 368	36,241 329	24,497 184	562,248 1,249	
NEW ENGLAND, TOTAL										
PUBLIC	AMT 74,495 NO. 72	42,539 44	29,114 16	62 2	693 22	4,716 25	1,330 20	6,624 13	31,956 71	
PRIVATE	AMT 344,021 NO. 147	285,691 80	233,937 43	5,640 7	987 46	36,177 44	5,555 44	3,395 23	58,330 142	
MAINE										
PUBLIC	AMT 6,942 NO. 10	3,368 6	1,659 2	0 0	64 4	427 4	96 3	1,122 2	3,574 9	
PRIVATE	AMT 1,935 NO. 12	483 5	78 2	0 0	19 4	18 1	45 2	323 2	1,452 12	
NEW HAMPSHIRE										
PUBLIC	AMT 6,516 NO. 6	3,740 3	2,546 2	0 0	6 1	221 2	101 2	866 1	2,776 6	
PRIVATE	AMT 10,136 NO. 14	5,950 6	4,196 2	28 1	99 6	952 3	244 2	431 1	4,186 14	
VERMONT										
PUBLIC	AMT 11,534 NO. 5	7,016 4	4,908 2	0 0	33 3	789 2	290 1	996 1	4,518 5	
PRIVATE	AMT 1,902 NO. 13	501 8	132 3	0 0	96 4	73 4	25 3	175 1	1,401 13	
MASSACHUSETTS										
PUBLIC	AMT 22,364 NO. 31	11,575 19	8,192 6	0 0	300 4	1,073 11	240 8	1,770 4	10,789 31	
PRIVATE	AMT 265,819 NO. 88	228,993 42	192,264 22	4,142 5	422 19	26,199 25	4,183 26	1,783 14	36,826 76	
RHODE ISLAND										
PUBLIC	AMT 8,812 NO. 3	6,398 3	5,347 2	47 1	64 3	162 2	168 2	610 2	2,414 3	
PRIVATE	AMT 12,859 NO. 10	9,630 7	8,219 3	0 0	83 5	927 3	296 2	105 1	3,229 10	
CONNECTICUT										
PUBLIC	AMT 18,327 NO. 17	10,442 9	6,462 2	15 1	226 7	2,044 4	435 4	1,261 3	7,885 17	
PRIVATE	AMT 51,370 NO. 18	40,134 12	29,048 11	1,478 1	268 8	8,008 8	762 9	578 4	11,236 17	
MIDDLE ATLANTIC, TOTAL										
PUBLIC	AMT 245,835 NO. 130	129,110 96	89,116 43	264 3	2,074 46	21,023 55	5,388 43	11,245 44	116,725 130	
PRIVATE	AMT 426,602 NO. 248	314,719 147	234,223 63	3,794 12	2,262 83	52,394 80	10,573 79	11,473 59	111,883 245	
NEW YORK										
PUBLIC	AMT 112,881 NO. 76	55,798 56	40,677 30	28 1	1,026 18	9,830 29	2,065 25	2,172 30	57,083 76	
PRIVATE	AMT 290,720 NO. 129	226,685 62	168,864 34	3,364 7	1,116 24	37,621 44	6,619 40	9,101 29	64,035 126	
NEW JERSEY										
PUBLIC	AMT 39,674 NO. 25	15,500 15	9,797 5	50 1	253 10	2,855 12	637 6	1,908 4	24,174 25	
PRIVATE	AMT 27,986 NO. 25	19,829 13	16,013 5	292 2	348 7	1,775 7	1,043 8	398 5	8,157 25	
PENNSYLVANIA										
PUBLIC	AMT 93,280 NO. 29	57,812 25	38,642 8	186 1	795 18	8,338 14	2,686 12	7,155 10	35,468 29	
PRIVATE	AMT 107,896 NO. 94	68,205 72	49,346 24	178 3	798 52	12,998 29	2,911 31	1,974 25	39,691 94	

CONTINUED TABLE B 2b TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY, FY 1972 (DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE-----								
		TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRINEESHIPS, GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON- SCIENCE	
EAST NORTH CENTRAL, TOTAL										
PUBLIC	AMT 453,244 NO. 148	293,082 92	203,602 48	1,887 9	3,277 71	44,186 56	9,644 48	30,486 35	160,162 147	
PRIVATE	AMT 176,890 NO. 219	108,887 111	81,693 43	774 6	1,544 53	19,308 61	2,792 59	2,776 24	68,003 215	
OHIO										
PUBLIC	AMT 84,053 NO. 24	49,389 14	32,654 13	593 3	512 11	7,747 13	1,279 13	6,604 8	34,664 24	
PRIVATE	AMT 50,131 NO. 59	28,537 32	21,426 13	22 1	508 18	5,366 20	748 16	467 9	21,594 59	
INDIANA										
PUBLIC	AMT 67,324 NO. 7	45,769 7	30,462 5	308 2	516 6	5,687 7	2,988 5	5,808 5	21,555 7	
PRIVATE	AMT 13,690 NO. 35	5,883 17	4,137 5	115 1	95 7	491 9	377 6	668 3	7,807 33	
ILLINOIS										
PUBLIC	AMT 85,495 NO. 48	51,609 24	35,317 10	633 1	804 17	6,972 11	976 10	6,907 6	33,886 48	
PRIVATE	AMT 92,814 NO. 62	67,465 29	51,358 11	614 3	395 13	12,484 16	1,341 10	1,273 7	25,349 62	
MICHIGAN										
PUBLIC	AMT 132,403 NO. 42	86,914 24	61,909 10	202 2	495 17	14,681 13	3,619 12	5,978 7	45,489 42	
PRIVATE	AMT 9,006 NO. 38	1,168 17	311 8	0 0	433 8	116 6	68 11	240 2	7,838 37	
WISCONSIN										
PUBLIC	AMT 83,969 NO. 27	59,401 23	43,260 10	151 1	950 20	9,099 12	752 8	5,189 9	24,568 26	
PRIVATE	AMT 11,249 NO. 25	5,834 16	4,461 6	23 1	113 7	851 10	258 8	128 3	5,415 24	
WEST NORTH CENTRAL, TOTAL										
PUBLIC	AMT 239,654 NO. 123	141,889 67	90,499 33	384 5	1,042 44	23,040 45	4,423 33	22,501 28	97,765 123	
PRIVATE	AMT 81,265 NO. 148	39,495 75	28,104 23	10 1	905 44	8,643 37	1,065 26	768 12	41,770 148	
MINNESOTA										
PUBLIC	AMT 71,905 NO. 25	50,583 11	36,461 3	60 1	189 6	8,916 8	904 6	4,053 3	21,322 25	
PRIVATE	AMT 6,413 NO. 26	1,153 17	116 5	0 0	321 9	286 7	57 7	373 4	5,260 26	
IOWA										
PUBLIC	AMT 40,560 NO. 17	26,814 8	16,889 5	0 0	78 5	4,466 6	1,105 3	4,276 3	13,746 17	
PRIVATE	AMT 9,430 NO. 35	744 14	49 4	0 0	211 10	209 8	118 10	157 2	8,686 35	
MISSOURI										
PUBLIC	AMT 40,560 NO. 24	19,877 18	10,584 10	95 1	314 13	2,765 10	745 10	5,374 9	20,683 24	
PRIVATE	AMT 52,890 NO. 39	35,813 19	26,985 5	10 1	171 9	7,784 9	780 3	83 3	17,077 39	
NORTH DAKOTA										
PUBLIC	AMT 13,219 NO. 9	5,782 5	3,506 3	0 0	55 4	475 3	121 3	1,625 3	7,437 9	
PRIVATE	AMT 1,562 NO. 2	346 2	282 1	0 0	14 2	50 2	0 0	0 0	1,216 2	
SOUTH DAKOTA										
PUBLIC	AMT 14,030 NO. 7	5,544 6	3,016 3	0 0	26 5	441 5	105 3	1,956 2	8,486 7	
PRIVATE	AMT 2,249 NO. 9	329 6	78 2	0 0	89 6	75 3	39 1	48 1	1,920 9	

CONTINUED TABLE 2. TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY, FY 1972 (DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL		TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE-----							OTHER SCIENCE	NON- SCIENCE
			TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, GRANTS TRINEESHIPS	GENERAL SUPPORT FOR SCIENCE			
WEST NORTH CENTRAL											
NEBRASKA	AMT	21,524	11,113	6,795	14	119	1,636	269	2,280	10,411	
	NO.	14	9	5	1	4	6	2	3	14	
PUBLIC	AMT	5,557	950	574	0	48	155	66	107	4,607	
	NO.	13	9	4	0	5	3	3	2	13	
KANSAS	AMT	37,856	22,176	13,248	215	261	4,341	1,174	2,937	15,680	
	NO.	27	10	4	2	7	7	6	5	27	
PUBLIC	AMT	3,164	160	20	0	51	84	5	0	3,004	
	NO.	24	8	2	0	3	5	2	0	24	
SOUTH ATLANTIC, TOTAL	AMT	335,269	190,077	115,425	848	2,008	28,637	7,848	35,311	145,132	
	NO.	215	130	55	10	72	78	56	49	213	
PUBLIC	AMT	297,575	150,311	104,637	5,930	1,784	28,683	6,932	2,345	147,264	
	NO.	195	109	39	5	51	54	47	24	190	
DELAWARE	AMT	7,090	4,823	2,898	15	48	346	78	1,438	2,267	
	NO.	3	3	2	1	3	2	2	2	3	
PUBLIC	AMT	422	45	0	0	40	5	0	0	377	
	NO.	4	2	0	0	2	1	0	0	4	
PRIVATE	AMT	40,042	24,394	17,921	42	159	2,899	627	2,746	15,648	
	NO.	25	16	9	1	6	8	9	6	25	
MARYLAND	AMT	56,426	46,423	35,675	120	78	9,114	845	591	10,003	
	NO.	23	10	6	1	2	8	4	1	23	
PUBLIC	AMT	9,157	1,091	230	0	126	102	73	560	4,066	
	NO.	3	3	2	0	3	1	1	2	3	
PRIVATE	AMT	132,992	30,254	21,536	30	165	6,637	962	924	72,738	
	NO.	13	9	6	1	6	7	7	6	12	
VIRGINIA	AMT	51,342	31,962	19,250	87	174	5,273	1,612	5,566	19,380	
	NO.	33	23	9	1	17	11	10	7	33	
PUBLIC	AMT	7,943	941	192	0	311	99	168	171	7,002	
	NO.	27	18	5	0	13	4	8	3	27	
PRIVATE	AMT	19,265	8,218	4,049	14	132	1,297	215	2,511	11,047	
	NO.	14	10	5	1	4	7	3	1	13	
WEST VIRGINIA	AMT	3,424	571	96	0	407	13	14	41	2,853	
	NO.	9	6	1	0	4	2	2	1	9	
PUBLIC	AMT	75,571	46,467	28,274	83	220	8,172	1,714	8,004	29,104	
	NO.	52	24	8	2	15	15	10	8	52	
PRIVATE	AMT	55,122	36,973	20,771	5,599	358	7,484	2,611	150	18,149	
	NO.	42	23	4	1	10	14	9	3	42	
NORTH CAROLINA	AMT	26,552	11,772	5,529	32	285	1,418	389	4,119	14,780	
	NO.	20	11	4	1	6	7	4	5	20	
PUBLIC	AMT	8,753	672	182	17	352	111	10	0	8,081	
	NO.	22	14	3	1	9	5	2	0	22	
PRIVATE	AMT	42,618	25,810	16,483	42	283	2,571	641	5,790	16,808	
	NO.	29	19	10	1	5	15	10	7	28	
GEORGIA	AMT	27,911	13,465	8,369	0	45	3,135	1,579	337	14,446	
	NO.	32	14	8	0	2	8	8	5	29	
PUBLIC	AMT	67,572	35,540	20,791	533	581	6,559	2,499	4,577	32,032	
	NO.	36	21	6	2	13	12	7	11	36	
PRIVATE	AMT	34,582	20,967	17,816	164	28	2,085	743	131	13,515	
	NO.	23	13	6	1	3	5	7	5	22	
FLORIDA	AMT	67,572	35,540	20,791	533	581	6,559	2,499	4,577	32,032	
	NO.	36	21	6	2	13	12	7	11	36	
PUBLIC	AMT	34,582	20,967	17,816	164	28	2,085	743	131	13,515	
	NO.	23	13	6	1	3	5	7	5	22	
PRIVATE	AMT	67,572	35,540	20,791	533	581	6,559	2,499	4,577	32,032	
	NO.	36	21	6	2	13	12	7	11	36	

CONTINUED TABLE B 24. TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY, FY 1972 (DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE-----								NON- SCIENCE	
		TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE			
EAST SOUTH CENTRAL, TOTAL											
PUBLIC	AMT NO.	168,791 81	85,865 48	48,587 26	1,338 6	1,282 33	10,307 32	2,516 31	21,835 24	82,926 81	
PRIVATE	AMT NO.	76,101 97	26,234 45	14,465 13	50 2	461 20	5,448 26	5,075 15	731 12	49,867 97	
KENTUCKY											
PUBLIC	AMT NO.	36,139 7	17,943 7	9,245 6	9 1	287 6	2,510 7	630 6	5,262 6	18,196 7	
PRIVATE	AMT NO.	6,462 25	397 10	0 0	0 0	213 5	163 7	15 2	6 1	6,065 25	
TENNESSEE											
PUBLIC	AMT NO.	39,373 20	21,137 13	11,595 7	76 2	332 8	3,034 9	626 9	5,474 6	18,236 20	
PRIVATE	AMT NO.	47,288 39	21,118 20	13,271 9	50 2	76 9	4,879 13	2,391 6	451 9	26,170 39	
ALABAMA											
PUBLIC	AMT NO.	58,842 29	31,256 17	19,918 8	1,200 1	552 13	3,474 11	786 9	5,326 6	27,586 29	
PRIVATE	AMT NO.	15,883 19	3,272 1	1,183 3	0 0	29 2	358 4	1,428 4	274 2	12,611 19	
MISSISSIPPI											
PUBLIC	AMT NO.	34,437 25	15,529 11	7,829 5	53 2	111 6	1,289 5	474 7	5,773 6	18,908 25	
PRIVATE	AMT NO.	6,468 14	1,447 7	11 1	0 0	143 4	48 2	1,245 3	0 0	5,021 14	
WEST SOUTH CENTRAL, TOTAL											
PUBLIC	AMT NO.	236,688 122	135,395 94	81,089 48	4,821 3	2,153 65	16,416 51	5,366 51	25,550 37	101,293 121	
PRIVATE	AMT NO.	76,380 82	37,502 47	27,518 23	156 1	398 24	6,618 26	2,349 20	463 8	38,798 82	
ARKANSAS											
PUBLIC	AMT NO.	23,744 12	13,011 11	6,566 5	0 0	235 9	1,160 7	310 5	4,740 4	10,733 12	
PRIVATE	AMT NO.	3,860 11	45 3	35 2	0 0	1 1	0 0	9 1	0 0	3,755 11	
LOUISIANA											
PUBLIC	AMT NO.	37,520 13	17,738 13	8,968 10	0 0	428 10	2,287 10	1,625 11	4,430 9	19,782 13	
PRIVATE	AMT NO.	20,566 11	11,766 8	7,543 5	0 0	48 5	3,154 4	885 4	136 2	8,740 11	
OKLAHOMA											
PUBLIC	AMT NO.	35,712 23	16,456 15	7,763 7	32 1	142 8	2,695 8	672 7	5,152 7	19,256 23	
PRIVATE	AMT NO.	2,883 11	493 8	200 3	0 0	80 3	194 6	19 3	0 0	2,390 11	
TEXAS											
PUBLIC	AMT NO.	139,712 74	88,190 55	57,792 26	4,789 2	1,348 38	10,274 26	2,759 28	11,228 17	51,522 73	
PRIVATE	AMT NO.	49,111 49	25,198 28	19,740 13	156 1	269 15	3,270 16	1,436 12	327 6	23,913 49	
MOUNTAIN, TOTAL											
PUBLIC	AMT NO.	209,567 77	129,201 55	92,778 26	3,847 7	922 38	15,535 32	2,926 38	13,193 22	80,366 76	
PRIVATE	AMT NO.	14,188 24	7,958 14	5,913 7	0 0	114 8	1,156 7	233 8	542 4	6,230 24	
MONTANA											
PUBLIC	AMT NO.	11,513 9	5,915 8	3,593 2	0 0	116 6	718 4	159 4	1,329 3	5,598 9	
PRIVATE	AMT NO.	1,460 3	12 2	0 0	0 0	12 2	0 0	0 0	0 0	1,448 3	

CONTINUED TABLE B 24. TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY, FY 1972 (DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE									NON- SCIENCE
		TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAIN. GRANTS	SUPPORT FOR SCIENCE	OTHER SCIENCE			
MOUNTAIN											
IDAHO	AMT	7,424	3,463	1,781	0	70	300	143	1,169	3,961	
	NO.	6	5	2	0	4	3	2	1	6	
PRIVATE	AMT	462	31	8	0	7	6	0	10	431	
	NO.	2	2	1	0	1	1	0	1	2	
WYOMING	AMT	7,343	4,494	2,996	8	53	267	80	1,090	2,849	
	NO.	7	3	1	1	3	1	1	1	7	
PRIVATE	AMT	29	0	0	0	0	0	0	0	29	
	NO.	1	0	0	0	0	0	0	0	1	
COLORADO	AMT	61,866	42,288	32,090	64	240	5,590	880	3,424	19,578	
	NO.	21	13	6	2	4	6	7	5	21	
PRIVATE	AMT	7,354	6,406	4,955	0	26	798	143	484	948	
	NO.	8	4	2	0	2	4	4	2	8	
NEW MEXICO	AMT	34,736	20,698	12,423	3,375	96	1,447	435	2,922	14,038	
	NO.	8	6	4	1	4	6	5	4	8	
PRIVATE	AMT	2,411	249	45	0	58	138	8	0	2,162	
	NO.	2	2	2	0	1	1	1	0	2	
ARIZONA	AMT	33,928	17,557	12,080	82	200	3,202	445	1,548	16,371	
	NO.	13	9	4	1	8	7	4	3	13	
PRIVATE	AMT	881	30	2	0	0	0	28	0	851	
	NO.	4	2	1	0	0	0	2	0	4	
UTAH	AMT	45,862	30,564	24,568	318	57	3,684	687	1,190	15,298	
	NO.	9	7	4	2	6	3	4	3	9	
PRIVATE	AMT	1,568	1,230	903	0	11	214	54	48	338	
	NO.	3	2	1	0	2	1	1	1	3	
NEVADA	AMT	6,955	4,282	3,247	0	90	327	97	521	2,673	
	NO.	4	4	3	0	3	2	3	2	3	
PRIVATE	AMT	23	0	0	0	0	0	0	0	23	
	NO.	1	0	0	0	0	0	0	0	1	
PACIFIC, TOTAL	AMT	500,206	358,218	278,154	6,108	1,791	48,385	7,351	16,429	141,988	
	NO.	173	92	56	15	55	51	46	33	173	
PRIVATE	AMT	145,979	109,869	88,879	917	797	15,642	1,633	2,001	36,110	
	NO.	102	58	26	3	29	30	30	17	101	
WASHINGTON	AMT	91,912	67,188	52,753	298	386	10,182	984	2,585	24,724	
	NO.	28	21	7	2	17	9	6	3	28	
PRIVATE	AMT	3,754	494	73	0	42	198	62	119	3,260	
	NO.	11	11	3	0	6	6	5	3	11	
OREGON	AMT	47,486	31,337	22,164	122	206	5,859	762	2,224	16,149	
	NO.	21	15	10	2	9	8	7	6	21	
PRIVATE	AMT	3,636	1,107	720	0	23	197	45	122	2,529	
	NO.	17	10	5	0	4	7	3	4	16	
CALIFORNIA	AMT	327,997	233,605	181,841	5,360	1,082	30,869	4,624	9,829	94,392	
	NO.	122	54	37	9	27	32	31	22	122	
PRIVATE	AMT	137,562	108,252	88,086	917	716	15,247	1,526	1,760	29,310	
	NO.	68	36	18	3	18	17	22	10	68	
ALASKA	AMT	10,360	9,657	8,419	49	60	50	222	857	703	
	NO.	1	1	1	1	1	1	1	1	1	
PRIVATE	AMT	542	16	0	0	16	0	0	0	526	
	NO.	2	1	0	0	1	0	0	0	2	

CONTINUED TABLE B 24 TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY, FY 1972 (DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE-----								NON- SCIENCE
		TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE		
PACIFIC										
HAWAII										
PUBLIC	AMT NO.	22,451 1	16,431 1	12,977 1	279 1	57 1	1,425 1	759 1	934 1	6,020 1
PRIVATE	AMT NO.	485 4	0 0	0 0	0 0	0 0	0 0	0 0	0 0	485 4
OUTLYING AREAS, TOTAL										
PUBLIC	AMT NO.	23,673 5	12,662 5	5,220 5	87 0	1,694 4	1,485 4	255 5	3,921 3	11,011 5
PRIVATE	AMT NO.	4,278 5	285 4	10 1	0 0	153 4	89 3	30 1	3 1	3,993 5
GUAM										
PUBLIC	AMT NO.	493 1	83 1	42 1	0 0	32 1	0 0	9 1	0 0	410 1
PUERTO RICO										
PUBLIC	AMT NO.	22,618 3	12,455 3	5,172 3	87 0	1,630 2	1,463 3	235 3	3,868 2	10,163 3
PRIVATE	AMT NO.	4,278 5	285 4	10 1	0 0	153 4	89 3	30 1	3 1	3,993 5
VIRGIN ISLANDS										
PUBLIC	AMT NO.	562 1	124 1	6 1	0 0	32 1	22 1	11 1	53 1	438 1

SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-25 PERCENT DISTRIBUTION OF FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY FY 1972

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE-----							
		TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&O PLANT	FACIL. FOR INSTR. SCI. & ENG.	FELLOWSHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON SCIENCE
UNITED STATES, TOTAL									
PUBLIC	60.22	58.41	55.78	53.22	64.30	55.10	56.49	88.42	63.29
PRIVATE	39.78	41.59	44.22	46.78	35.70	44.90	43.51	11.58	36.71
NEW ENGLAND, TOTAL									
PUBLIC	17.80	12.96	11.07	1.09	41.25	11.53	19.32	66.11	35.39
PRIVATE	82.20	87.04	88.93	98.91	58.75	88.47	80.68	33.89	64.61
MAINE, TOTAL									
PUBLIC	78.20	87.46	95.51	.00	77.11	95.96	68.09	77.65	71.11
PRIVATE	21.80	12.54	4.49	.00	22.89	4.04	31.91	22.35	28.89
NEW HAMPSHIRE, TOTAL									
PUBLIC	39.13	38.60	37.76	.00	5.71	18.84	29.28	66.77	39.87
PRIVATE	60.87	61.40	62.24	100.00	94.29	81.16	70.72	33.23	60.13
VERMONT, TOTAL									
PUBLIC	85.84	93.34	97.38	.00	25.58	91.53	92.06	85.06	76.33
PRIVATE	14.16	6.66	2.62	.00	74.42	8.47	7.94	14.94	23.67
MASSACHUSETTS, TOTAL									
PUBLIC	7.76	4.81	4.09	.00	41.57	3.93	5.43	49.82	22.66
PRIVATE	92.24	95.19	95.91	100.00	58.43	96.07	94.57	50.18	77.34
RHODE ISLAND, TOTAL									
PUBLIC	40.66	39.92	39.41	100.00	43.54	14.88	36.21	85.31	42.78
PRIVATE	59.34	60.08	60.59	.00	56.46	85.12	63.79	14.69	57.22
CONNECTICUT, TOTAL									
PUBLIC	26.30	26.65	18.20	1.01	45.75	20.33	36.34	68.55	41.24
PRIVATE	73.70	79.35	81.80	98.99	54.25	79.67	63.66	31.45	58.76
MIDDLE ATLANTIC, TOTAL									
PUBLIC	36.56	29.09	27.56	6.51	47.83	28.64	33.76	49.50	51.06
PRIVATE	63.44	70.91	72.44	93.49	52.17	71.36	66.24	50.50	48.94
NEW YORK, TOTAL									
PUBLIC	27.97	19.75	19.41	.83	47.90	28.72	23.78	19.27	47.13
PRIVATE	72.03	80.25	80.59	99.17	52.10	79.28	76.22	80.73	52.87
NEW JERSEY, TOTAL									
PUBLIC	58.64	43.87	37.96	16.56	42.10	61.66	37.92	82.74	74.77
PRIVATE	41.36	56.13	62.04	83.44	57.90	38.34	62.08	17.26	25.23
PENNSYLVANIA, TOTAL									
PUBLIC	46.37	45.88	43.92	51.10	49.91	39.08	47.99	78.40	47.19
PRIVATE	53.63	54.12	56.08	48.90	50.09	60.92	52.01	21.60	52.81
EAST NORTH CENTRAL, TOTAL									
PUBLIC	71.93	72.91	71.37	70.91	67.97	69.59	77.55	91.65	70.20
PRIVATE	28.07	27.09	28.63	29.09	32.03	30.41	22.45	8.35	29.80
OHIO, TOTAL									
PUBLIC	62.64	63.38	60.38	96.42	50.20	59.08	63.10	93.40	61.62
PRIVATE	37.36	36.62	39.62	3.58	49.80	40.92	36.90	6.60	38.38
INDIANA, TOTAL									
PUBLIC	83.10	88.61	88.04	72.81	84.45	92.05	88.80	89.68	73.41
PRIVATE	16.90	11.39	11.96	27.19	15.55	7.95	11.20	10.32	26.59
ILLINOIS, TOTAL									
PUBLIC	47.95	43.34	40.75	50.76	67.06	35.83	42.12	84.44	57.21
PRIVATE	52.05	56.66	59.25	49.24	32.94	64.17	57.88	15.56	42.79
MICHIGAN, TOTAL									
PUBLIC	93.63	98.67	99.50	100.00	53.34	99.22	98.17	96.14	85.30
PRIVATE	6.37	1.33	.50	.00	46.66	.78	1.83	3.86	14.70
WISCONSIN, TOTAL									
PUBLIC	88.19	91.06	90.65	86.78	89.10	91.45	74.46	97.59	81.94
PRIVATE	11.81	8.94	9.35	13.22	10.90	8.55	25.54	2.41	18.06
WEST NORTH CENTRAL, TOTAL									
PUBLIC	74.68	78.23	76.30	97.46	53.52	72.72	80.59	96.70	70.06
PRIVATE	25.32	21.77	23.70	2.54	46.48	27.28	19.41	3.30	29.94
MINNESOTA, TOTAL									
PUBLIC	91.81	97.77	99.68	100.00	37.06	96.89	94.07	91.57	80.21
PRIVATE	8.19	2.23	.32	.00	62.94	3.11	5.93	8.43	19.79
IOWA, TOTAL									
PUBLIC	81.14	97.30	99.71	.00	26.99	95.53	90.35	96.46	61.28
PRIVATE	18.86	2.70	.29	.00	73.01	4.47	9.65	3.54	38.72
MISSOURI, TOTAL									
PUBLIC	43.40	35.69	28.17	90.48	64.74	26.21	48.85	98.48	54.77
PRIVATE	56.60	64.31	71.83	9.52	35.26	73.79	51.15	1.52	45.23
NORTH DAKOTA, TOTAL									
PUBLIC	89.43	94.35	92.56	.00	79.71	90.48	100.00	100.00	85.95
PRIVATE	10.57	5.65	7.44	.00	20.29	9.52	.00	.00	14.05

DIVISION, STATE, AND TYPE OF CONTROL	TOTAL, ALL ACTIVITIES	TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAININGS, GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON SCIENCE
WEST NORTH CENTRAL									
SOUTH DAKOTA, TOTAL									
PUBLIC	86.18	94.40	97.48	.00	22.61	85.47	72.92	97.60	81.55
PRIVATE	13.82	5.60	2.52	.00	77.39	14.53	27.88	2.40	18.45
NEBRASKA, TOTAL									
PUBLIC	79.48	92.12	92.21	100.00	71.26	91.35	30.30	95.52	69.32
PRIVATE	21.52	7.88	7.79	.00	28.74	8.65	19.70	4.48	30.68
KANSAS, TOTAL									
PUBLIC	92.29	99.28	99.85	100.00	83.65	98.10	99.58	100.00	83.92
PRIVATE	7.71	.72	.15	.00	16.35	1.90	.42	.00	16.08
SOUTH ATLANTIC, TOTAL									
PUBLIC	52.97	55.84	52.45	12.51	52.95	49.96	53.10	93.77	49.64
PRIVATE	47.03	44.16	47.55	87.49	47.05	50.04	46.90	6.23	50.36
DELAWARE, TOTAL									
PUBLIC	94.38	99.08	100.00	100.00	54.55	98.58	100.00	100.00	85.74
PRIVATE	5.62	.92	.00	.00	45.45	1.42	.00	.00	14.26
MARYLAND, TOTAL									
PUBLIC	41.51	34.45	33.44	25.93	67.09	24.13	42.60	82.29	61.00
PRIVATE	58.49	65.55	66.56	74.07	32.91	75.87	57.40	17.71	39.00
DIST. OF COLUMBIA, TOTAL									
PUBLIC	4.77	3.48	1.06	.00	43.30	1.51	7.05	37.74	5.29
PRIVATE	95.23	96.52	98.94	100.00	56.70	98.49	92.95	62.26	94.71
VIRGINIA, TOTAL									
PUBLIC	86.60	97.14	99.31	100.00	35.88	98.16	90.56	97.02	73.46
PRIVATE	13.40	2.86	.99	.00	64.12	1.84	9.44	2.98	26.54
WEST VIRGINIA, TOTAL									
PUBLIC	84.91	93.50	97.68	100.00	24.49	99.01	93.89	98.39	79.47
PRIVATE	15.09	6.50	2.32	.00	75.51	.99	6.11	1.61	20.53
NORTH CAROLINA, TOTAL									
PUBLIC	57.82	55.69	57.65	1.46	38.06	52.20	39.63	98.16	61.59
PRIVATE	42.18	44.31	42.35	98.54	61.94	47.80	60.37	1.84	38.41
SOUTH CAROLINA, TOTAL									
PUBLIC	75.21	94.60	96.41	65.31	44.74	92.74	97.49	100.00	64.65
PRIVATE	24.79	5.40	3.19	34.69	55.26	7.26	2.51	.00	35.35
GEORGIA, TOTAL									
PUBLIC	60.43	65.72	66.32	100.00	86.28	45.06	28.87	94.50	53.78
PRIVATE	39.57	34.28	33.68	.00	13.72	54.94	71.13	5.50	46.22
FLORIDA, TOTAL									
PUBLIC	66.15	62.89	53.85	76.47	95.40	75.88	77.08	97.22	70.17
PRIVATE	33.85	37.11	46.15	23.53	4.60	24.12	22.92	2.78	29.83
EAST SOUTH CENTRAL, TOTAL									
PUBLIC	68.92	76.60	77.36	96.40	73.55	65.42	33.13	96.76	62.45
PRIVATE	31.08	23.40	22.94	3.60	26.45	34.51	66.87	3.24	37.55
KENTUCKY, TOTAL									
PUBLIC	84.83	97.84	100.00	100.00	57.40	93.90	97.67	99.89	75.00
PRIVATE	15.17	2.16	.00	.00	42.60	6.10	2.33	.11	25.00
TENNESSEE, TOTAL									
PUBLIC	45.43	50.02	46.63	60.32	81.37	38.34	20.75	92.39	41.07
PRIVATE	51.57	49.98	53.37	39.68	18.63	61.66	79.25	7.61	58.93
ALABAMA, TOTAL									
PUBLIC	78.74	98.52	94.39	100.00	95.01	90.66	35.50	95.11	68.63
PRIVATE	21.26	9.48	5.61	.00	4.99	9.34	64.50	4.89	31.37
MISSISSIPPI, TOTAL									
PUBLIC	84.19	91.48	99.86	100.00	43.70	96.41	27.57	100.00	79.02
PRIVATE	15.81	8.52	.14	.00	56.30	3.59	72.43	.00	20.98
WEST SOUTH CENTRAL, TOTAL									
PUBLIC	75.62	78.31	74.66	96.87	84.40	71.27	69.55	98.22	72.31
PRIVATE	24.38	21.69	25.34	3.13	15.60	28.73	30.45	1.78	27.69
ARKANSAS, TOTAL									
PUBLIC	86.29	99.66	99.47	.00	99.58	100.00	97.18	100.00	74.08
PRIVATE	13.80	.34	.53	.00	.42	.00	2.82	.00	25.92
LOUISIANA, TOTAL									
PUBLIC	64.66	60.12	54.32	.00	89.92	42.03	64.74	97.02	69.36
PRIVATE	35.34	39.88	45.68	.00	10.08	57.97	35.26	2.98	30.64
OKLAHOMA, TOTAL									
PUBLIC	51.53	97.09	37.49	100.00	63.96	93.28	97.25	100.00	88.96
PRIVATE	7.47	2.91	2.51	.00	36.04	6.72	2.75	.00	11.04
TEXAS, TOTAL									
PUBLIC	73.99	77.78	74.54	96.85	83.36	75.86	65.77	97.17	68.30
PRIVATE	26.01	22.22	25.46	3.15	16.64	24.14	34.23	2.83	31.70

CONTINUED

TABLE B-25 PERCENT DISTRIBUTION OF FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY FY 1972

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL	TOTAL, ALL ACTIVITIES	-----ACADEMIC SCIENCE-----							NON SCIENCE
		TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	
MOUNTAIN, TOTAL									
PUBLIC	93.66	94.20	94.01	100.00	89.00	93.07	92.62	96.05	92.81
PRIVATE	0.34	5.80	5.99	.00	11.00	6.93	7.38	3.95	7.19
MONTANA, TOTAL									
PUBLIC	88.75	99.80	100.00	.00	90.63	100.00	100.00	100.00	79.45
PRIVATE	11.25	.20	.00	.00	9.38	.00	.00	.00	20.55
IDAHO, TOTAL									
PUBLIC	94.14	99.11	99.55	.00	90.91	98.04	100.00	99.15	90.19
PRIVATE	5.86	.89	.45	.00	9.09	1.96	.00	.85	9.81
WYOMING, TOTAL									
PUBLIC	99.61	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.99
PRIVATE	.39	.00	.00	.00	.00	.00	.00	.00	1.01
COLORADO, TOTAL									
PUBLIC	89.38	86.84	86.62	100.00	90.23	87.51	86.02	87.62	95.38
PRIVATE	10.62	13.16	13.38	.00	9.77	12.49	13.98	12.38	4.62
NEW MEXICO, TOTAL									
PUBLIC	93.51	98.81	99.64	100.00	82.34	91.29	98.19	100.00	86.65
PRIVATE	6.49	1.19	.36	.00	17.66	8.71	1.81	.00	13.35
ARIZONA, TOTAL									
PUBLIC	97.47	99.83	99.98	100.00	100.00	100.00	94.08	100.00	95.06
PRIVATE	2.53	.17	.02	.00	.00	.00	5.92	.00	4.94
UTAH, TOTAL									
PUBLIC	96.69	96.12	96.45	100.00	83.82	94.51	92.71	96.12	97.84
PRIVATE	3.31	3.88	3.55	.00	16.18	5.49	7.29	3.88	2.16
NEVADA, TOTAL									
PUBLIC	99.67	100.00	100.00	.00	100.00	100.00	100.00	100.00	99.15
PRIVATE	.33	.00	.00	.00	.00	.00	.00	.00	.85
PACIFIC, TOTAL									
PUBLIC	77.41	76.53	75.78	86.95	69.20	75.57	81.82	89.14	79.72
PRIVATE	22.59	23.47	24.22	13.05	30.80	24.43	18.18	10.86	20.28
WASHINGTON, TOTAL									
PUBLIC	96.08	99.27	99.86	100.00	90.19	98.09	94.07	95.60	88.35
PRIVATE	3.92	.73	.14	.00	9.81	1.91	5.93	4.40	11.65
OREGON, TOTAL									
PUBLIC	92.89	96.59	96.85	100.00	89.06	96.75	94.42	94.80	86.46
PRIVATE	7.11	3.41	3.15	.00	10.94	3.25	5.58	5.20	13.54
CALIFORNIA, TOTAL									
PUBLIC	71.45	68.33	67.37	85.39	60.18	66.94	75.19	84.81	76.31
PRIVATE	29.55	31.67	32.63	14.61	39.82	33.06	24.81	15.19	23.69
ALASKA, TOTAL									
PUBLIC	95.03	99.83	100.00	100.00	78.95	100.00	100.00	100.00	57.20
PRIVATE	4.97	.17	.00	.00	21.05	.00	.00	.00	42.80
HAWAII, TOTAL									
PUBLIC	97.89	100.00	100.00	100.00	100.00	100.00	100.00	100.00	92.54
PRIVATE	2.11	.00	.00	.00	.00	.00	.00	.00	7.46
OUTLYING AREAS, TOTAL									
PUBLIC	84.69	97.80	99.81	100.00	91.72	94.35	89.47	99.92	73.39
PRIVATE	15.31	2.20	.19	.00	8.28	5.65	10.53	.08	26.61
GUAM, TOTAL									
PUBLIC	100.00	100.00	100.00	.00	100.00	.00	100.00	.00	100.00
PUERTO RICO, TOTAL									
PUBLIC	84.09	97.76	99.81	100.00	91.42	94.27	88.68	99.92	71.79
PRIVATE	15.91	2.24	.19	.00	8.58	5.73	11.32	.08	28.21
VIRGIN ISLANDS, TOTAL									
PUBLIC	100.00	100.00	100.00	.00	100.00	100.00	100.00	100.00	100.00

SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-26 TOTAL FEDERAL OBLIGATIONS TO THE 100 PUBLIC UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1972 (DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)	TOTAL	USDA	AEC	COM	ODD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
	TOTAL ALL INSTITUTIONS	2,487,362	229,744	49,755	19,531	112,825	15,828	16,921	1,671,650	21,659	62,767	250,420	10,357	17,905
	TOTAL 100 INSTITUTIONS	1,831,205	207,154	45,130	17,011	104,708	10,836	14,250	1,111,047	17,485	56,100	224,909	9,040	13,535
1	UNIV OF WASHINGTON	73,284	214	2,505	2,071	5,412	0	596	50,327	147	980	10,845	176	11
2	UNIV OF MICHIGAN	66,810	141	2,288	1,136	8,331	590	617	37,248	23	5,414	8,772	1,025	1,425
3	UNIV OF MINNESOTA	64,246	5,478	1,440	0	2,056	398	737	42,844	547	2,590	4,541	115	3,500
4	UNIV OF CAL LOS ANGELES	63,893	0	4,772	0	4,117	312	143	45,329	320	1,573	6,383	772	172
5	UNIV OF WIS-MADISON	62,512	5,471	2,731	1,780	2,424	2,815	631	35,059	354	2,410	9,807	0	30
6	UNIV OF CAL SAN DIEGO	57,693	0	1,639	224	10,989	403	128	17,615	0	4,688	21,952	55	0
7	UNIV OF CAL BERKELEY	57,305	6,578	632	107	5,785	1,606	403	23,584	650	4,111	13,309	368	172
8	OHIO STATE UNIV	47,875	7,497	480	43	3,232	0	321	30,544	213	508	3,477	283	1,273
9	UNIV OF ILLINOIS-URBANA	42,433	6,910	3,568	55	6,472	48	733	11,827	339	1,053	11,086	238	144
10	UNIV OF CAL SAN FRANCISCO	36,472	0	861	0	301	0	0	34,916	0	186	208	0	0
11	UNIV OF COLORADO	35,587	10	927	878	953	0	137	24,867	245	2,681	4,979	50	0
12	UNIV OF N C AT CHAP HILL	34,005	0	789	720	763	352	347	27,435	0	15	3,970	0	14
13	UNIV OF UTAH	32,342	2	1,445	158	2,040	0	219	24,079	417	1,032	2,719	111	110
14	UNIV OF PITTSBURGH	29,701	0	366	0	1,167	0	78	23,453	149	639	3,801	0	48
15	PENNSYLVANIA STATE UNIV	28,831	8,090	246	62	1,183	0	459	13,359	756	747	3,669	159	101
16	MICHIGAN STATE UNIV	28,349	6,393	1,598	0	164	0	419	14,164	270	321	4,870	0	150
17	PURDUE UNIV	27,895	5,654	1,145	137	2,026	60	160	8,542	348	1,431	7,373	200	812
18	UNIV OF FLORIDA	27,552	4,295	496	57	2,183	405	653	16,206	181	435	2,447	0	194
19	U OF ALA IN BIRMINGHAM	26,077	0	0	0	210	0	7	25,507	0	0	353	0	0
20	UNIV OF IOWA	24,864	11	52	16	641	0	0	20,417	141	1,769	1,441	111	265
21	UNIV OF ARIZONA	23,011	2,224	293	6	2,298	297	199	13,131	335	1,782	2,360	0	86
22	UNIV OF TEXAS AT AUSTIN	22,761	0	1,087	27	5,358	212	189	9,595	32	1,239	4,673	154	195
23	UNIV OF HAWAII	22,451	1,376	634	1,290	1,641	0	0	11,155	164	2,198	3,758	0	235
24	UNIV OF CAL DAVIS	22,389	1,016	1,936	0	323	0	109	15,312	114	191	3,356	0	32
25	TEXAS A & M UNIV	21,301	11,501	681	1,640	1,430	0	259	2,056	211	764	2,403	356	0
26	UNIV OF KANSAS	21,113	0	186	0	154	0	0	17,997	0	794	1,982	0	0
27	UNIV OF KENTUCKY	21,086	7,636	37	0	172	0	17	11,751	242	521	610	100	0
28	UNIV OF MISSOURI COLUMBIA	20,632	6,253	72	6	502	114	138	11,740	181	193	1,347	0	86
29	RUTGERS UNIVERSITY	20,072	2,824	58	49	367	0	285	14,180	172	30	2,073	32	2
30	TEMPLE UNIV	19,829	0	62	0	204	0	7	18,663	0	33	788	0	72
31	UNIV OF NEW MEXICO	18,597	10	67	0	1,167	21	0	15,203	0	537	740	224	628
32	UNIV OF MD COLLEGE PARK	17,764	2,815	1,992	85	1,111	237	35	4,395	150	2,276	4,668	0	0
33	INDIANA UNIV-BLOOMINGTON	17,573	0	177	0	351	29	136	11,135	83	488	5,058	0	116
34	UNIV OF GEORGIA	17,261	7,217	537	0	288	0	86	6,858	19	16	2,223	0	17
35	COLORADO STATE UNIV	16,951	2,818	223	135	561	0	208	5,046	837	653	5,387	0	1,083
36	OREGON STATE UNIV	16,879	2,959	467	1,759	1,070	0	648	5,267	256	271	3,963	0	219
37	SUNY ST U BUFFALO	16,844	0	117	0	78	0	0	15,000	0	185	1,464	0	0
38	UNIV OF TENN AT KNOXVILLE	16,817	6,925	1,520	0	465	65	29	6,416	378	256	753	0	10
39	N C STATE UNIV AT RALEIGH	16,439	9,885	336	0	360	0	259	3,425	230	273	1,165	234	272
40	UNIV OF VIRGINIA	16,174	0	787	33	722	0	38	12,250	61	478	1,805	0	0
41	UNIV OF CINCINNATI	15,211	0	55	0	772	0	503	13,043	0	193	645	0	0
42	U TEX MD ANDRSN HOSPLTUM	14,636	0	61	0	66	0	0	14,308	0	76	125	0	0
43	WAYNE STATE UNIV	14,461	0	143	0	544	0	0	12,584	0	15	1,135	40	0
44	UNIV OF CONNECTICUT	14,323	1,521	83	85	357	0	68	10,585	157	247	1,220	0	0
45	INDIANA UNIV-INDIANAPOLIS	13,730	0	0	0	0	0	0	12,231	0	0	192	1,307	0
46	UNIV OF OKLAHOMA	13,371	0	42	106	440	0	197	10,914	119	76	1,387	90	0
47	UNIV OF ILLINOIS-MED CTR	13,111	0	0	0	0	0	0	13,093	0	0	18	0	0
48	UNIV OF NEBRASKA-LINCOLN	12,966	3,701	48	20	78	0	0	7,995	186	199	734	0	0
49	FLORIDA STATE UNIV	12,614	0	983	471	559	0	7	6,127	139	124	3,550	147	507
50	IOWA ST U OF SCIENCE&TECH	12,275	5,675	155	6	124	0	95	3,818	285	60	1,865	192	0
51	CUNY MT SINAI SCH OF MED	12,274	0	32	0	149	0	0	11,899	0	17	177	0	0
52	UNIV-MASS AMHERST CAMPUS	12,253	2,639	228	0	668	0	248	5,505	220	284	2,461	0	0
53	OKLAHOMA STATE UNIV	12,158	4,500	15	0	1,252	0	178	4,446	149	779	812	27	0
54	UNIV OF MD, BALTIMORE	12,075	0	0	0	966	0	0	11,057	0	48	4	0	0
55	NEW MEXICO STATE UNIV	11,681	2,148	5	0	3,745	0	0	3,461	423	1,595	304	0	0
56	WEST VIRGINIA UNIV	11,675	3,670	0	36	74	0	294	6,219	611	57	269	370	75
57	U TEX SW MED SCH DALLAS	11,554	0	7	0	191	0	0	11,237	0	77	42	0	0
58	UNIV OF OREGON - EUGENE	11,453	0	222	0	269	249	0	8,478	0	164	1,992	0	79
59	LA ST UNIV B'FON ROUGE	11,392	5,668	112	721	777	0	243	2,248	100	366	1,157	0	0
60	AUBURN UNIV	11,199	6,722	1	9	584	0	26	2,814	269	568	206	0	0
61	VIRGINIA POLYTECHNIC INST	11,184	6,123	61	73	429	0	75	1,827	411	549	1,193	443	0
62	UNIV OF MISSISSIPPI	11,057	168	20	70	166	0	0	9,784	0	15	834	0	0
63	UNIV OF ARK FAYETTEVILLE	10,671	5,328	88	101	0	0	36	4,185	162	4	767	0	0
64	UTAH STATE UNIV	10,401	1,755	52	27	2,201	0	178	2,355	879	40	2,022	200	692
65	MISSISSIPPI STATE UNIV	10,363	6,967	0	0	42	0	518	2,286	122	132	291	0	0
66	UNIV OF ALASKA	10,360	1,060	247	527	3,097	0	116	1,606	232	670	2,805	0	0
67	UNIV OF VERMONT	10,238	1,410	21	0	376	0	45	7,841	100	15	284	146	0
68	U OF TENN MED UNITS MEMPH	10,168	0	71	0	97	0	0	9,954	0	0	46	0	0
69	VA COMMONWEALTH UNIV	10,088	0	49	0	23	0	0	9,735	0	133	148	0	0

85

RANK	OBLIGATIONS	TOTAL	USDA	HEC	CON	DDP	DEU	EPA	HEW	INT	NSF	NSA	NSC	NSI	NSR
70	KANSAS STATE UNIV	9,240	3,819	476	0	256	0	72	3,364	222	23	818	4	186	
71	UNIV OF SOUTH FLORIDA	9,220	0	21	0	86	0	5	8,714	0	0	394	0	0	
72	U OREGON MEDICAL SCHOOL	9,152	0	82	0	20	0	0	9,050	0	0	0	0	0	
73	UNIV OF P R RIO PIEDRAS	9,126	5,597	0	0	0	0	0	3,520	0	0	9	0	0	
74	WASHINGTON STATE UNIV	9,035	3,319	224	0	70	274	177	3,621	263	0	1,087	0	0	
75	SUNY ST U ALBANY	8,935	26	64	0	318	1,936	71	5,545	0	0	963	0	12	
76	UNIV OF P R SAN JUAN	8,767	0	0	0	0	0	0	8,767	0	0	0	0	0	
77	COL OF MED & DENT OF N J	8,692	0	0	0	0	0	0	8,665	0	0	27	0	0	
78	MED UNIV OF S CAROLINA	8,258	0	0	0	149	0	249	7,829	0	0	31	0	0	
79	U TEX MED BRNCH GALVESTON	8,234	0	0	0	0	0	0	8,009	0	190	35	0	0	
80	UNIV OF SOUTH CAROLINA	8,109	0	55	3	106	0	51	6,748	0	65	1,022	59	0	
81	UNIV OF CAL IRVINE	7,961	0	749	30	375	0	36	5,323	41	26	1,381	0	0	
82	UNIV OF HOUSTON	7,765	0	172	0	136	334	17	4,527	36	1,164	1,129	240	10	
83	UNIV OF RHODE ISLAND	7,756	1,070	15	1,236	1,153	0	195	1,988	155	0	1,931	13	0	
84	SUNY DOWNSTATE MED CTR	7,717	0	0	0	151	0	69	7,403	0	1	93	0	0	
85	GEORGIA INST OF TECH	7,606	0	318	146	2,612	0	176	1,527	274	626	1,067	860	0	
86	SUNY ST U STONY BROOK	7,235	0	619	0	97	0	0	2,909	0	593	3,017	0	0	
87	UNIV OF NORTH DAKOTA	6,972	35	4	0	100	0	11	4,991	1,600	0	231	0	0	
88	UNIV OF SOUTH DAKOTA	6,894	0	32	0	0	0	2	6,355	0	0	490	15	0	
89	UNIV OF WYOMING	6,424	1,273	84	0	564	0	110	2,397	912	101	983	0	0	
90	UNIV OF LOUISVILLE	6,419	0	0	0	123	0	0	5,962	0	19	315	0	0	
91	CITY COLLEGES OF CHICAGO	6,394	0	0	0	0	0	0	6,391	0	0	3	0	0	
92	CLEMSON UNIV	6,388	5,312	0	5	254	0	51	256	187	36	283	4	0	
93	MONTANA STATE UNIV	6,193	2,292	33	0	72	0	101	2,555	381	82	677	9	0	
94	U OF ALA IN TUSCALOOSA	5,964	0	27	0	57	0	57	5,330	67	120	306	0	0	
95	SOUTHERN UNIV	5,931	228	65	0	33	0	0	4,442	0	55	493	115	500	
96	UNIV OF N H DURHAM	5,914	1,312	0	524	118	0	5	2,610	100	572	673	0	0	
97	UNIV OF CAL RIVERSIDE	5,873	491	302	0	143	79	436	2,744	18	74	1,586	0	0	
98	UNIV OF CAL SANTA BARBARA	5,747	0	225	366	593	0	44	3,025	0	70	1,419	5	0	
99	UNIV OF ARK MEDICAL CTR	5,340	0	0	0	0	0	0	5,285	0	0	135	0	0	
100	UNIV OF DELAWARE	5,332	1,122	13	0	245	0	58	1,739	100	12	2,043	0	0	

*INCLUDES AID, HUD, LABOR
SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-27 TOTAL FEDERAL OBLIGATIONS TO THE 100 PRIVATE UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1972 (DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)		TOTAL	USDA	AEC	COM	DOD	DOE	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
	TOTAL ALL	INSTITUTIONS	1,643,199	8,811	45,512	6,490	131,059	14,177	6,363	156,291	2,736	56,233	200,258	5,517	9,752
	TOTAL 100	INSTITUTIONS	1,366,293	8,754	45,214	6,168	128,980	13,190	5,870	901,568	2,441	54,395	185,464	5,137	9,112
1	MASS INST OF TECH		112,472	10	7,254	1,117	46,797	0	660	14,916	275	20,088	18,557	1,413	1,385
2	HARVARD UNIV		65,072	25	1,834	95	2,474	502	493	45,075	0	4,487	9,181	165	661
3	STANFORD UNIV		62,224	0	619	6	8,560	0	242	34,075	173	3,579	14,838	115	17
4	COLUMBIA UNIV		60,654	10	3,545	405	5,020	127	40	34,666	81	2,797	13,313	70	580
5	JOHNS HOPKINS UNIV		54,681	0	1,022	254	1,731	1,146	84	41,680	0	2,803	3,211	0	2,750
6	HOWARD UNIV		51,069	6	86	0	55	4,211	80	46,158	22	204	190	0	57
7	CORNELL UNIV		45,868	7,714	1,416	24	2,047	0	645	18,924	295	972	12,671	0	1,160
8	UNIV OF PENNSYLVANIA		44,875	55	1,564	47	1,979	292	47	33,572	197	132	6,688	178	124
9	YALE UNIV		44,504	0	2,888	0	2,602	0	12	33,222	71	270	5,246	0	193
10	NEW YORK UNIV		44,093	0	2,098	70	2,022	200	276	33,817	70	637	4,625	122	156
11	UNIV OF CHICAGO		42,369	0	4,196	158	964	0	84	25,103	0	2,805	8,882	0	177
12	DUKE UNIV		35,256	0	809	15	1,927	0	102	29,265	7	145	2,989	0	7
13	WASHINGTON UNIV		33,548	0	265	10	1,168	0	20	27,153	0	817	2,115	0	0
14	UNIV OF SOUTHERN CAL		31,698	0	164	651	3,228	0	480	23,106	0	822	2,677	400	170
15	YESHIVA UNIV		29,950	0	66	0	655	402	0	27,613	24	0	1,190	0	0
16	UNIV OF MIAMI		27,830	0	316	1,569	2,896	579	166	17,706	0	260	4,102	236	0
17	UNIV OF ROCHESTER		27,531	0	4,783	0	1,544	0	5	17,588	0	127	3,104	205	172
18	CASE WESTERN RESERVE UNIV		25,378	8	656	0	1,422	0	39	19,241	114	671	3,080	0	147
19	NORTHWESTERN UNIV		21,829	0	105	0	798	357	393	15,417	0	217	4,203	336	3
20	VANDERBILT UNIV		20,872	0	135	0	151	0	142	17,724	0	100	2,616	0	0
21	BOSTON UNIV		20,478	0	0	0	413	0	0	19,594	0	97	353	20	1
22	CAL INST OF TECH		19,988	0	2,189	3	2,099	0	87	6,024	145	3,498	5,863	0	0
23	WOODS HOLE OCEAN INST		19,527	0	455	489	7,585	0	146	131	0	127	10,594	0	0
24	PRINCETON UNIV		18,438	0	2,025	851	2,312	0	198	4,516	0	2,975	5,023	526	12
25	BAYLOR COL OF MEDICINE		17,155	0	0	0	187	0	100	16,518	0	368	62	0	0
26	GEORGETOWN UNIV		15,715	45	39	0	402	0	100	14,410	2	30	605	0	2
27	GEORGE WASHINGTON UNIV		15,385	0	21	0	1,599	0	187	11,552	0	956	824	0	246
28	TULANE UNIV		14,791	0	20	0	233	51	24	13,467	0	154	802	35	5
29	EMORY UNIV		14,139	0	76	0	92	0	5	13,122	0	182	662	0	0
30	MEHARRY MEDICAL COL		13,368	0	0	0	0	0	0	13,368	0	0	0	0	0
31	TUFTS UNIV		12,905	0	315	0	310	157	0	11,599	0	27	497	0	0
32	GALLAUDET COL		12,744	0	0	0	0	0	0	12,657	0	0	87	0	0
33	ST LOUIS UNIV		10,920	0	0	10	384	197	0	9,710	0	10	437	0	172
34	ROCKEFELLER UNIV		10,769	0	71	0	189	0	0	9,394	0	0	1,115	0	0
35	BROWN UNIV		10,332	0	592	108	879	0	0	4,440	60	204	4,057	0	0
36	CARNEGIE MELLON UNIV		10,331	0	1,505	0	2,897	0	6	1,964	0	139	3,681	135	4
37	THOS JEFFERSON UNIV HOSP		9,704	0	56	0	12	0	0	9,617	0	0	19	0	0
38	TUSKEGEE INST		9,597	759	42	0	0	1,638	0	5,679	100	48	811	20	500
39	NEW YORK MEDICAL COL		8,886	0	0	0	138	0	0	8,324	0	0	424	0	0
40	SYRACUSE UNIV		8,581	122	144	0	1,275	0	4	4,622	35	58	2,149	172	0
41	HAHNEMANN MED COL & HOSP		8,330	0	0	0	306	0	0	7,971	0	0	53	0	0
42	DARTMOUTH COL		8,169	0	50	0	82	0	45	6,860	0	149	983	0	0
43	ALBANY MEDICAL COL		8,064	0	0	0	0	1,446	0	6,538	0	50	30	0	0
44	ILLINOIS INST OF TECH		6,990	0	167	0	142	0	29	4,714	0	60	1,737	141	0
45	UNIV OF DENVER		6,760	0	0	30	2,643	0	0	2,004	358	557	1,065	183	0
46	WAKE FOREST UNIV		6,655	0	26	0	40	0	0	6,507	0	0	82	0	0
47	BOSTON COL		6,450	0	42	13	1,150	0	0	4,887	0	0	354	0	4
48	NORTHEASTERN UNIV		6,392	0	0	0	950	472	0	4,265	0	129	477	50	49
49	UNIV OF DAYTON		6,066	0	0	0	4,828	0	31	949	0	64	194	0	0
50	RICE UNIV		5,991	0	734	0	441	0	0	1,736	0	994	1,931	0	155
51	RENSSELAER POLYTECH INST		5,932	0	1,014	35	674	0	68	2,203	0	514	1,389	35	0
52	UNIV OF NOTRE DAME		5,928	0	1,240	19	364	0	123	1,895	95	10	2,182	0	0
53	LOYOLA UNIV		5,824	0	40	0	43	0	0	5,674	0	0	67	0	0
54	BRANDEIS UNIV		5,553	0	288	0	117	0	0	4,065	0	0	1,008	0	75
55	MEDICAL COLLEGE OF MISC		5,483	0	0	0	100	0	0	5,261	6	0	116	0	0
56	LOMA LINDA UNIV		5,056	0	0	0	0	0	0	4,995	0	0	61	0	0
57	CATHOLIC UNIV OF AMERICA		4,925	0	16	0	870	0	14	3,268	62	158	479	44	14
58	ANTIOCH COL		4,263	0	0	0	0	1,020	0	3,088	0	0	155	0	0
59	POLYTECHNIC INST OF BKLYN		4,006	0	35	0	1,672	0	23	821	0	55	1,273	127	0
60	CREIGHTON UNIV		3,724	0	0	0	0	0	0	3,617	0	0	107	0	0
61	UNIV OF THE PACIFIC		3,631	0	0	0	0	313	0	3,194	0	0	124	0	0
62	TEACHERS COL		3,510	0	0	0	0	0	0	3,357	0	0	153	0	0
63	MEDICAL COLLEGE OF PA		3,502	0	0	0	0	0	0	3,456	0	0	46	0	0
64	LEHIGH UNIV		3,255	0	36	182	445	0	0	347	128	239	1,878	0	0
65	BAYLOR UNIV		3,239	0	33	0	107	0	0	2,979	0	0	120	0	0
66	WILBERFORCE UNIV		3,215	0	0	0	0	0	0	3,215	0	0	0	0	0
67	XAVIER U OF LOUISIANA		3,201	0	0	0	0	0	0	2,774	0	5	422	0	0
68	DREXEL UNIVERSITY		3,123	0	0	0	434	0	523	1,380	0	176	610	0	0
69	MARQUETTE UNIV		2,844	0	37	0	82	0	0	2,389	0	3	298	35	0

87

CONTINUED

TABLE B-27 TOTAL FEDERAL OBLIGATIONS TO THE 100 PRIVATE UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1972 (DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)	TOTAL	USOA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
70	AMERICAN UNIVERSITY	2,784	0	12	0	1,111	0	8	951	0	25	355	300	22
71	BISHOP COL	2,542	0	0	0	27	0	0	2,408	0	0	107	0	0
72	LONG ISLAND UNIVERSITY	2,469	0	18	0	0	0	0	2,267	3	87	55	25	14
73	ST PETERS COL	2,410	0	0	0	873	0	0	1,528	0	0	9	0	0
74	CENTRAL YMCA COMM COL	2,390	0	0	0	0	0	0	2,390	0	0	0	0	0
75	FORDHAM UNIV	2,382	0	0	0	27	0	0	2,050	0	154	151	0	0
76	CLARK COL	2,245	0	0	0	0	0	0	2,168	0	0	77	0	0
77	RUST COL	2,227	0	0	0	0	0	0	1,556	0	0	671	0	0
78	SHAW UNIV	2,215	0	0	0	0	0	34	1,490	0	0	691	0	0
79	SOUTHERN METHODIST UNIV	2,212	0	0	15	808	0	27	491	85	75	636	0	75
80	ADELPHI UNIV	2,065	0	0	0	0	0	0	1,875	0	0	190	0	0
81	HAMPTON INST	2,048	0	0	0	0	0	0	1,933	0	26	89	0	0
82	GEORGE PEABODY COL TCHRS	2,043	0	0	0	0	0	0	1,908	0	0	135	0	0
83	LANE COL	2,037	0	0	0	0	0	0	1,796	0	0	241	0	0
84	LINCOLN UNIV	1,949	0	20	0	0	0	0	1,920	0	0	9	0	0
85	PAINE COL	1,905	0	0	0	0	0	0	1,622	0	0	283	0	0
86	UNIV OF EVANSVILLE	1,741	0	0	0	0	0	0	1,733	0	0	8	0	0
87	UNIV OF ALBUQUERQUE	1,733	0	0	0	10	0	0	1,715	0	0	8	0	0
88	ST AUGUSTINE'S COL	1,727	0	0	0	0	0	0	1,727	0	0	0	0	0
89	BENEDICT COL	1,723	0	0	0	0	0	0	1,723	0	0	0	0	0
90	MILES COL	1,706	0	0	0	0	0	0	1,706	0	0	0	0	0
91	INTER AMER UNIV OF P R	1,687	0	0	0	0	0	0	1,681	0	0	6	0	0
92	CHICAGO MEDICAL SCHOOL	1,674	0	0	0	16	0	0	1,591	0	0	67	0	0
93	MORRIS BROWN COL	1,667	0	0	0	0	0	0	1,580	0	0	87	0	0
94	UNIV OF DETROIT	1,659	0	0	0	30	0	0	1,529	0	0	100	0	0
95	ATLANTA UNIV	1,650	0	0	0	0	0	0	1,386	0	0	149	115	0
96	WENTWORTH INST	1,598	0	0	0	1,437	0	0	140	0	0	21	0	0
97	WORCESTER POLYTECH INST	1,590	0	31	0	95	0	78	265	33	8	1,090	0	0
98	WESLEYAN UNIV	1,576	0	0	0	10	0	0	963	0	0	589	14	0
99	SPELMAN COL	1,575	0	0	0	0	0	0	1,296	0	0	279	0	0
100	MOREHOUSE COL	1,527	0	0	0	0	0	0	1,042	0	51	434	0	0

*INCLUDES AID, HUD, LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION

TABLE B-28

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AFC	COM	DOE	GEU	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
UNITED STATES, TOTAL	4,130,561	238,555	95,267	26,021	243,884	30,005	23,284	2,827,941	24,395	119,000	458,678	15,874	27,657
ALABAMA, TOTAL	74,725	8,259	70	9	1,555	1,638	116	58,333	436	1,574	2,105	20	500
ALA CHRISTIAN COL	92	0	0	0	0	0	0	82	0	0	0	0	0
ALABAMA A & M UNIVERSITY	2,573	758	0	0	30	0	26	1,622	0	60	47	0	0
ALABAMA STATE UNIVERSITY	1,201	0	0	0	0	0	0	1,197	0	0	4	0	0
ALBERT P. BOWEN ST JR COL	54	0	0	0	0	0	0	58	0	0	0	0	0
ALEXANDER CITY ST JR COL	120	0	0	0	0	0	0	128	0	0	0	0	0
ATHENS COL	67	0	0	0	16	0	0	41	0	10	0	0	0
AUBURN UNIV	11,199	6,722	1	9	584	0	26	2,414	259	568	206	0	0
BIRMINGHAM-SOUTHERN COL	127	0	0	0	0	0	0	125	0	0	2	0	0
CALHOUN ST TECH JR COL	241	0	0	0	0	0	0	241	0	0	0	0	0
CULLMAN COLLEGE	34	0	0	0	0	0	0	38	0	0	0	0	0
DANIEL PAYNE COL	255	0	0	0	0	0	0	255	0	0	0	0	0
ENTERPRISE JR COL	241	0	0	0	0	0	0	241	0	0	0	0	0
FAULKNER STATE JUNIOR COL	137	0	0	0	0	0	0	137	0	0	0	0	0
FLORENCE STATE UNIVERSITY	500	0	0	0	0	0	0	498	0	0	2	0	0
G. O. WALLACE ST TEC JR COL	147	0	0	0	0	0	0	147	0	0	0	0	0
GADSDEN STATE JR COLLEGE	424	0	0	0	0	0	0	426	0	0	2	0	0
HUNTINGDON COL	518	0	0	0	0	0	0	518	0	0	0	0	0
JACKSONVILLE ST UNIV	1,456	0	0	0	0	0	0	1,456	0	0	0	0	0
JEFFERSON DAVIS COL	42	0	0	0	0	0	0	82	0	0	0	0	0
JEFFERSON ST JR COL	1,845	0	0	0	0	0	0	1,841	0	0	4	0	0
JUDSON COL	29	0	0	0	0	0	0	29	0	0	0	0	0
LAWSON STATE JUNIOR COL	526	0	0	0	0	0	0	507	0	0	19	0	0
LIVINGSTON UNIVERSITY	536	0	0	0	0	0	0	528	0	0	8	0	0
LURLEEN R. WALLACE ST JR C	92	0	0	0	0	0	0	92	0	0	0	0	0
MARION INST	5	0	0	0	0	0	0	5	0	0	0	0	0
MILES COL	1,706	0	0	0	0	0	0	1,706	0	0	0	0	0
MOBILE COL	118	0	0	0	0	0	0	110	0	0	8	0	0
MOBILE ST JR COL	396	0	0	0	0	0	0	396	0	0	0	0	0
NE ALABAMA STATE JR COLL	152	0	0	0	0	0	0	152	0	0	0	0	0
NORTHWEST ALA ST JR COL	351	0	0	0	0	0	0	351	0	0	0	0	0
OAKWOOD COL	256	0	0	0	0	0	0	257	0	0	9	0	0
PATRICK HENRY ST JR COL	52	0	0	0	0	0	0	52	0	0	0	0	0
SANFORD UNIV	406	0	0	0	0	0	0	406	0	0	0	0	0
SELMA UNIV	320	0	0	0	0	0	0	320	0	0	0	0	0
SNEAD STATE JUNIOR COL	123	0	0	0	0	0	0	123	0	0	0	0	0
SOUTHERN UNION ST JR COL	347	0	0	0	0	0	0	347	0	0	0	0	0
SPRING HILL COL	332	0	0	0	0	0	0	114	0	0	268	0	0
ST BERNARD COL	78	0	0	0	0	0	0	78	0	0	0	0	0
STILLMAN COL	1,034	0	0	0	0	0	0	1,034	0	0	0	0	0
TALLADEGA COL	422	0	0	0	0	0	0	799	0	14	9	0	0
TROY STATE UNIV	523	0	0	0	0	0	0	619	0	0	4	0	0
TUSKEGEE INST	9,597	759	42	0	0	1,638	0	5,679	100	48	111	20	500
U OF ALA IN BIRMINGHAM	25,077	0	0	0	210	0	7	25,507	0	0	153	0	0
U OF ALA IN HUNTSVILLE	1,753	0	0	0	658	0	0	244	0	130	21	0	0
U OF ALA IN TUSCALOOSA	5,964	0	27	0	57	0	57	5,330	67	120	306	0	0
UNIV OF MONTEVALLO	231	0	0	0	0	0	0	227	0	4	0	0	0
UNIV OF SOUTH ALA	1,391	0	0	0	0	0	0	1,349	0	20	22	0	0
WALKER COL	33	0	0	0	0	0	0	33	0	0	0	0	0
ALASKA, TOTAL	10,322	1,050	247	527	3,097	0	116	2,148	232	670	2,805	0	0
ALASKA METHODIST UNIV	446	0	0	0	0	0	0	446	0	0	0	0	0
SHELDON JACKSON JR COL	96	0	0	0	0	0	0	96	0	0	0	0	0
UNIV OF ALASKA	10,350	1,050	247	527	3,097	0	116	1,606	232	670	2,805	0	0
ARIZONA, TOTAL	34,809	2,367	392	6	2,469	512	199	23,509	337	1,421	3,065	36	86
ARIZ WESTERN COL	452	0	0	0	0	0	0	452	0	0	0	0	0
ARIZONA STATE UNIV	4,563	18	99	0	171	0	0	3,646	0	39	600	0	0
CENTRAL ARIZONA COL	325	0	0	0	0	0	0	325	0	0	0	0	0
COCHISE COL	401	0	0	0	0	0	0	401	0	0	0	0	0
EASTERN ARIZ JR COL	252	0	0	0	0	0	0	252	0	0	0	0	0
GLENDALE COMM COL	181	0	0	0	0	0	0	181	0	0	0	0	0
GRAND CANYON COL	89	0	0	0	0	0	0	89	0	0	0	0	0
MARICOPA CTY J C GEN SYS	57	0	0	0	0	0	0	57	0	0	0	0	0
MARICOPA TECHNICAL COLL	242	0	0	0	0	0	0	242	0	0	0	0	0
MESA COMM COL	953	0	0	0	0	0	0	957	0	0	6	0	0
NAVAJO COMMUNITY COLLEGE	694	0	0	0	0	235	0	438	0	0	21	0	0
NORTHERN ARIZ UNIV	1,890	125	0	0	0	0	0	1,658	0	0	71	36	0
PHOENIX COL	334	0	0	0	0	0	0	994	0	0	0	0	0
PIMA COUNTY JR COLLEGE	508	0	0	0	0	0	0	508	0	0	0	0	0
PRESCOTT COL	32	0	0	0	0	0	0	83	2	0	7	0	0
THUNDERBOLT GRADUATE SCH	6	0	0	0	0	0	0	6	0	0	0	0	0
UNIV & ST COL ARIZ C SYS	73	0	0	0	0	0	0	73	0	0	0	0	0
UNIV OF ARIZONA	23,011	2,224	293	6	2,298	297	199	13,131	335	1,782	2,360	0	86
YAVAPAI COL	16	0	0	0	0	0	0	16	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AFB	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
ARKANSAS, TOTAL	27,544	6,012	99	101	0	0	36	20,095	162	29	1,021	0	0
ARK BAPTIST COL	99	0	0	0	0	0	0	89	0	0	0	0	0
ARK COL	432	0	0	0	0	0	3	432	0	0	0	0	0
ARK POLYTECHNIC COL	602	0	0	0	0	0	0	602	0	0	0	0	0
ARK ST UNIV	838	0	0	0	0	0	3	799	0	0	9	0	0
COL OF THE OZARKS	298	0	0	0	0	0	0	298	0	0	0	0	0
CROWLEY'S RIDGE COL	123	0	0	0	0	0	0	123	0	0	0	0	0
HARDING COL	239	0	0	0	0	0	0	175	0	25	9	0	0
HENDERSON STATE COL	666	0	0	0	0	0	0	666	0	0	0	0	0
HENDRIX COL	118	0	0	0	0	0	3	118	0	0	0	0	0
JOHN BROWN UNIV	219	0	0	0	0	0	0	219	0	0	0	0	0
QUACHITA BAPTIST UNIV	960	0	0	0	0	0	0	960	0	0	0	0	0
PHILANDER SMITH COL	703	0	0	0	0	0	0	702	0	0	1	0	0
PHILLIPS CO COMM COL	170	0	0	0	0	0	0	170	0	0	0	0	0
SHOPTER COL	206	0	0	0	0	0	0	206	0	0	0	0	0
SOUTHERN BAPTIST COL	443	0	0	0	0	0	0	443	0	0	0	0	0
SOUTHERN ST COL	1,148	0	0	0	0	0	0	1,101	0	3	47	0	0
STATE COLLEGE OF ARKANSAS	899	0	0	0	0	0	0	899	0	0	0	0	0
UNIV OF ARK FAYETTEVILLE	10,671	5,378	99	101	0	0	36	4,185	162	4	767	0	0
UNIV OF ARK LITTLE ROCK	599	0	0	0	0	0	0	697	0	0	2	0	0
UNIV OF ARK MEDICAL CTR	5,340	0	0	0	0	0	0	5,205	0	0	135	0	0
UNIV OF ARK MONTICELLO	570	0	0	0	0	0	0	628	0	0	42	0	0
UNIV OF ARK PINE BLUFF	1,925	684	0	0	0	0	0	1,232	0	0	9	0	0
WESTARK JR COL	146	0	0	0	0	0	0	146	0	0	0	0	0
CALIFORNIA, TOTAL	465,559	8,151	14,327	1,726	37,621	3,175	2,192	295,164	1,820	19,474	78,367	1,715	830
ALLAN HANCOCK COL	96	0	0	0	0	0	0	186	0	0	0	0	0
AMER RIVER COL	342	0	0	0	0	0	0	342	0	0	0	0	0
ANTELOPE VALLEY COL	165	0	0	0	0	0	0	165	0	0	0	0	0
ARMSTRONG SCH OF BUS	47	0	0	0	0	0	0	47	0	0	0	0	0
ART CTR COL OF DESIGN	15	0	0	0	0	0	0	15	0	0	0	0	0
AZUSA PACIFIC COL	222	0	0	0	0	0	0	222	0	0	0	0	0
BAKERSFIELD COL	215	0	0	0	0	0	0	218	0	0	0	0	0
BARSTOW COL	122	0	0	0	0	0	3	122	0	0	3	0	0
BETHANY BIBLE COL	97	0	0	0	0	0	0	87	0	0	0	0	0
BIOLA COL	190	0	0	0	0	0	3	180	0	0	0	0	0
BUTTE COL	42	0	0	0	0	0	0	41	0	0	1	0	0
CARRILLO COL	275	0	0	0	0	0	0	275	0	0	0	0	0
CAL BAPTIST COL	27	0	0	0	0	0	0	27	0	0	0	0	0
CAL COL OF ARTS & CRAFTS	704	0	0	0	0	0	0	704	0	0	0	0	0
CAL COL OF PODIATRIC MED	556	0	0	0	0	0	3	556	0	0	0	0	0
CAL CONCORDIA COL	2	0	0	0	0	0	0	2	0	0	0	0	0
CAL INST OF TECH	19,908	0	2,149	3	2,099	0	87	6,024	145	3,498	5,863	0	0
CAL INST OF THE ARTS	191	0	0	0	0	0	0	191	0	0	0	0	0
CAL LUTHERAN COL	98	0	0	0	0	0	0	98	0	0	0	0	0
CAL SCH PROF PSYCHOLOGY	40	0	0	0	0	0	0	40	0	0	0	0	0
CAL ST COL AT BAKERSFIELD	1,210	0	0	0	0	0	0	845	0	0	365	0	0
CAL ST COL CENTRAL SYS	14	0	0	0	0	0	0	14	0	0	0	0	0
CAL ST COL DOMINGUEZ HILL	1,195	0	0	0	0	0	0	1,193	0	0	2	0	0
CAL ST COL SAN BERNARDINO	285	0	0	0	0	0	0	226	0	0	59	0	0
CALIF ST COL STANISLAUS	359	0	0	0	34	0	3	317	0	0	8	0	0
CALIF ST COLLEGE SONOMA	1,095	0	0	0	0	0	0	933	0	0	162	0	0
CALIF ST POLY UNIV POMONA	1,249	0	0	0	0	0	0	1,184	0	0	145	0	0
CALIF ST U SAN LU ORTS PO	1,000	0	0	0	0	279	7	636	0	0	78	0	0
CALIF ST UNIV CHICO	1,162	8	6	0	0	0	0	1,098	0	25	25	0	0
CALIF ST UNIV FRESNO	2,518	12	0	0	0	0	3	2,007	359	0	120	0	0
CALIF ST UNIV FULLERTON	1,594	0	0	0	0	0	0	937	0	35	712	0	0
CALIF ST UNIV HAYWARD	1,502	0	4	0	38	0	6	1,454	0	0	0	0	0
CALIF ST UNIV HUMBOLDT	1,095	26	0	161	0	0	0	818	0	0	90	0	0
CALIF ST UNIV LONG BEACH	2,484	0	0	0	34	0	0	2,381	0	7	62	0	0
CALIF ST UNIV LOS ANGELES	3,790	0	0	0	0	0	0	3,659	0	0	131	0	0
CALIF ST UNIV NORTHRIDGE	2,718	0	6	0	93	0	0	2,517	0	16	86	0	0
CALIF ST UNIV S FRANCISCO	4,019	0	0	0	0	0	0	3,895	0	9	115	0	0
CALIF ST UNIV SACRAMENTO	2,675	0	5	0	0	0	71	2,525	0	3	71	0	0
CALIF ST UNIV SAN DIEGO	4,170	0	53	0	747	152	0	2,440	0	0	738	0	0
CALIF ST UNIV SAN JOSE	5,151	0	24	122	68	3	0	4,365	0	137	435	0	0
CANADA COL	297	0	0	0	0	0	0	297	0	0	0	0	0
CERRITOS COL	333	0	0	0	0	0	0	326	0	0	7	0	0
CHABOT COL	296	0	0	0	0	0	0	286	0	0	0	0	0
CHAFFEY COL	159	0	0	0	0	0	0	159	0	0	0	0	0
CHAPMAN COL	106	0	0	0	0	0	0	93	0	0	13	0	0
CITRUS COL	116	0	0	0	0	0	0	116	0	0	0	0	0
CITY COL OF SAN FRANCISCO	1,054	0	0	0	0	0	0	1,054	0	0	0	0	0
CLAREMONT COL, GEN SYS	135	0	0	0	0	0	0	63	0	0	72	0	0
CLAREMONT GRADUATE SCHOOL	741	0	0	0	0	0	0	367	0	0	107	0	267
CLAREMONT MENS COL	62	0	0	0	0	0	3	54	0	0	8	0	0
COL OF ALAMEDA	660	0	0	0	0	0	0	660	0	0	0	0	0

06

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STAFF AND INSTITUTION	TOTAL	USDA	AFC	COM	DOD	DEO	FPA	HEW	INT	NASA	NSF	DOT	OTHER*
CALIFORNIA													
COL OF MARIEN	229	0	0	0	0	0	0	227	0	0	2	0	0
COL OF NOTRE DAME	36	0	0	0	0	0	0	16	0	0	20	0	0
COL OF SAN MATEO	779	0	0	0	0	0	0	779	0	0	0	0	0
COL OF THE DESERT	131	0	0	0	0	0	0	131	0	0	0	0	0
COL OF THE HOLY NAMES	36	0	0	0	0	0	0	36	0	0	0	0	0
COL OF THE REDWOODS	137	0	0	0	0	0	0	137	0	0	0	0	0
COL OF THE SEQUOIAS	119	0	0	0	0	0	0	119	0	0	0	0	0
COL OF THE SISKIYOU	95	0	0	0	0	0	0	95	0	0	0	0	0
COLLEGE OF THE CANYONS	35	0	0	0	0	0	0	35	0	0	0	0	0
COLUMBIA JR COL	118	0	0	0	0	0	0	118	0	0	0	0	0
COMPTON COL	436	0	0	0	0	0	0	436	0	0	0	0	0
CONSUMERS RIVER COL	124	0	0	0	0	0	0	124	0	0	0	0	0
COSTA COSTA COL	558	0	0	0	0	0	0	558	0	0	0	0	0
CRAFTON HILLS COLLEGE	39	0	0	0	0	0	0	39	0	0	0	0	0
CUESTA COL	119	0	0	0	0	0	0	117	0	0	2	0	0
CYPRESS JR COL	190	0	0	0	0	0	0	190	0	0	0	0	0
DE ANZA COLLEGE	315	0	0	0	0	0	0	315	0	0	0	0	0
DIABLO VALLEY COL	245	0	0	0	0	0	0	245	0	0	0	0	0
DOMINGUEZ COL SAN RAFAEL	10	0	0	0	0	0	0	10	0	0	0	0	0
DON BOSCO TECH INST & COL	53	0	0	0	0	0	0	53	0	0	0	0	0
DREW POST-GRAD MED SCHOOL	900	0	0	0	0	0	0	900	0	0	0	0	0
EAST LOS ANGELES COL	507	0	0	0	0	0	0	507	0	0	0	0	0
EL CAMINO COL	423	0	0	0	0	0	0	423	0	0	0	0	0
FEATHER RIVER COLLEGE	46	0	0	0	0	0	0	46	0	0	0	0	0
FOOTHILL COL	304	0	0	0	0	0	0	304	0	0	0	0	0
FRESNO CITY COL	640	0	0	0	0	0	0	640	0	0	0	0	0
FULLEPTON JR COL	178	0	0	0	0	0	0	178	0	0	0	0	0
SAVILAN COL	396	0	0	0	0	0	0	396	0	0	0	0	0
GLENDALE COL	102	0	0	0	0	0	0	102	0	0	0	0	0
GOLDEN GATE COL	209	0	0	0	0	0	0	209	0	0	0	0	0
GOLDEN WEST COL	120	0	0	0	0	0	0	120	0	0	0	0	0
GRADUATE THEOL UNION	76	0	0	0	0	0	0	76	0	0	0	0	0
GROSSMONT COL	419	0	0	0	0	0	0	419	0	0	0	0	0
HARTNELL COL	120	0	0	0	0	0	0	120	0	0	0	0	0
HARVEY MUDD COL	151	0	0	0	0	0	0	78	0	0	73	0	0
HUMPHREYS COL	40	0	0	0	0	0	0	40	0	0	0	0	0
IMMACULATE HEART COL	116	0	0	0	0	0	0	106	0	0	10	0	0
IMPERIAL VALLEY COL	359	0	0	0	0	0	0	359	0	0	0	0	0
JOHN F KENNEDY UNIVERSITY	6	0	0	0	0	0	0	6	0	0	0	0	0
LA VERNE COL	67	0	0	0	0	0	0	67	0	0	0	0	0
LANEY COL	1,251	0	0	0	0	0	0	1,251	0	0	13	0	0
LASSEN COL	73	0	0	0	0	0	0	73	0	0	0	0	0
LOMA LINDA UNIV	5,956	0	0	0	0	0	0	4,995	0	0	51	0	0
LONE MOUNTAIN COLLEGE	92	0	0	0	0	0	0	92	0	0	0	0	0
LONG BEACH CITY COL	290	0	0	0	0	0	0	290	0	0	0	0	0
LOS ANGELES BAPT COLISEM	76	0	0	0	0	0	0	76	0	0	0	0	0
LOS ANGELES CITY COL	944	0	0	0	0	0	0	973	0	0	11	0	0
LOS ANGELES COL OF OPTOM	277	0	0	0	0	0	0	277	0	0	0	0	0
LOS ANGELES HARBOR COL	140	0	0	0	0	0	0	140	0	0	0	0	0
LOS ANGELES PIERCE COL	332	0	0	0	0	0	0	186	0	0	146	0	0
LOS ANGELES SOUTHWEST COL	191	0	0	0	0	0	0	191	0	0	0	0	0
LOS ANGELES TR-TECH COL	193	0	0	0	0	0	0	193	0	0	0	0	0
LOS ANGELES VALLEY COL	363	0	0	0	0	0	0	363	0	0	0	0	0
LOYOLA UNIV LOS ANGELES	462	0	0	0	0	0	0	462	0	0	0	0	0
MARYMOUNT COL	212	0	0	0	0	0	0	212	0	0	0	0	0
MENLO COL	25	0	0	0	0	0	0	25	0	0	0	0	0
MERCED COL	525	0	0	0	0	0	0	525	0	0	0	0	0
MERRITT COL	999	0	0	0	0	0	0	985	0	0	13	0	0
MILLS COL	357	0	0	0	0	0	0	349	0	0	8	0	0
MIRA COSTA COL	134	0	0	0	0	0	0	134	0	0	0	0	0
MODESTO JR COL	551	0	0	0	0	0	0	543	0	0	8	0	0
MONTEPEY INST OF FOR STUD	74	0	0	0	0	0	0	74	0	0	0	0	0
MONTPEY PENINSULA COL	167	0	0	0	0	0	0	165	0	0	2	0	0
MOORPARK COLLEGE	244	0	0	0	0	0	0	244	0	0	0	0	0
MOUNT SAN ANTONIO COLLEGE	415	0	0	0	0	0	0	415	0	0	0	0	0
MT SAN JACINTO COL	47	0	0	0	0	0	0	47	0	0	0	0	0
MT ST MARYS COL	169	0	0	0	0	0	0	160	0	0	9	0	0
NAIARDI COLLEGE	913	0	0	0	0	0	0	913	0	0	0	0	0
NAPA COL	158	0	0	0	0	0	0	159	0	0	0	0	0
NORTHROP INST OF TECH	53	0	0	0	0	0	0	53	0	0	0	0	0
OCCIDENTAL COL	264	0	0	0	0	0	0	204	0	0	60	0	0
OHLCONE COLLEGE	121	0	0	0	0	0	0	121	0	0	0	0	0
ORANGE COAST COL	309	0	0	0	0	0	0	309	0	0	0	0	0
OTIS ART INST LA CNTY	61	0	0	0	0	0	0	61	0	0	0	0	0
PACIFIC CHRISTIAN COL	27	0	0	0	0	0	0	27	0	0	0	0	0
PACIFIC COL	355	0	0	0	0	0	0	353	0	0	2	0	0
PACIFIC OAKS COL	223	0	0	0	0	0	0	213	0	0	10	0	0
PACIFIC SCH OF RELTSION	147	0	0	0	0	0	0	147	0	0	0	0	0

91

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOO	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
CALIFORNIA													
PACIFIC UNION COL	213	0	0	0	0	0	0	213	0	0	0	0	0
PALO VERDE COL	54	0	0	0	0	0	0	54	0	0	0	0	0
PALOMAR COL	249	0	0	0	0	0	0	249	0	0	0	0	0
PASADENA CITY COL	407	0	0	0	0	0	0	407	0	0	0	0	0
PASADENA COL	364	0	0	0	0	0	0	364	0	0	0	0	0
PEPPERDINE UNIVERSITY	1,005	0	0	0	0	0	0	996	0	0	9	0	0
PITZER COL	144	0	0	0	0	0	0	144	0	0	0	0	0
POMONA COL	353	0	0	0	7	0	0	313	0	0	33	0	0
PORTERVILLE COL	46	0	0	0	0	0	0	46	0	0	0	0	0
REEDLEY COL	137	0	0	0	0	0	0	137	0	0	0	0	0
RIO HONDO COLLEGE	502	0	0	0	0	0	0	502	0	0	0	0	0
RIVERSIDE CITY COL	396	0	0	0	0	0	0	396	0	0	0	0	0
S CNTY JOINT JR COL DIST	14	0	0	0	0	0	0	14	0	0	0	0	0
SACRAMENTO CITY COL	704	0	0	0	0	0	0	695	0	0	13	0	0
SAN BERNARDINO VALLEY COL	526	0	0	0	0	0	0	526	0	0	0	0	0
SAN DIEGO CITY COL	44	0	0	0	0	0	0	40	0	0	4	0	0
SAN DIEGO JR COL GEN SYS	159	0	0	0	0	0	0	147	0	0	22	0	0
SAN DIEGO MESA COL	159	0	0	0	0	0	0	159	0	0	0	0	0
SAN FRANCISCO ART INST	17	0	0	0	0	0	0	17	0	0	0	0	0
SAN FRANCISCO CONSV MUSIC	514	0	0	0	0	0	0	514	0	0	0	0	0
SAN JOAQUIN DELTA COL	1,572	0	0	0	0	0	0	1,572	0	0	0	0	0
SAN JOSE BIBLE COL	22	0	0	0	0	0	0	22	0	0	0	0	0
SAN JOSE CITY COL	392	0	0	0	0	0	0	392	0	0	0	0	0
SANTA ANA COL	615	0	0	0	0	0	0	612	0	0	3	0	0
SANTA BARBARA CITY COL	321	0	0	56	0	0	0	265	0	0	0	0	0
SANTA MONICA COLLEGE	247	0	0	0	0	0	0	247	0	0	0	0	0
SANTA ROSA JR COL	193	0	0	0	0	0	0	193	0	0	0	0	0
SCRIPPS COL	42	0	0	0	0	0	0	42	0	0	0	0	0
SHASTA COL	164	0	0	0	0	0	0	164	0	0	0	0	0
SIERRA COL	165	0	0	0	0	0	0	165	0	0	0	0	0
SIMPSON COLLEGE	52	0	0	0	0	0	0	52	0	0	0	0	0
SKYLINE COLLEGE	212	0	0	0	0	0	0	212	0	0	0	0	0
SOLANO COL	662	0	0	0	0	0	0	662	0	0	0	0	0
SOUTHERN CAL COL	201	0	0	0	0	0	0	201	0	0	0	0	0
SOUTHERN CAL SCH THEOLOGY	37	0	0	0	0	0	0	37	0	0	0	0	0
SOUTHWESTERN COL	214	0	0	0	0	0	0	214	0	0	0	0	0
ST MARYS COL CALIFORNIA	58	0	0	0	0	0	0	58	0	0	0	0	0
STANFORD UNIV	62,224	0	619	6	8,560	0	242	34,075	173	3,579	14,434	115	17
TAFT COL	24	0	0	0	0	0	0	24	0	0	0	0	0
U S INTERNATIONAL UNIV	731	0	0	0	0	0	0	716	0	0	15	0	0
UNIV OF CAL BERKELEY	57,105	6,578	632	107	5,795	1,666	403	23,584	650	4,111	13,309	368	172
UNIV OF CAL DAVIS	22,349	1,016	1,935	0	323	0	109	15,312	114	191	3,356	0	32
UNIV OF CAL IRVINE	7,751	0	749	38	375	0	36	5,323	41	26	1,381	0	0
UNIV OF CAL LOS ANGELES	63,493	0	4,772	0	4,117	312	143	45,329	320	1,573	6,383	772	172
UNIV OF CAL RIVERSIDE	5,873	491	302	0	143	79	436	2,744	18	74	1,586	0	0
UNIV OF CAL SAN DIEGO	57,633	0	1,639	224	10,989	403	124	17,615	0	4,688	21,952	55	0
UNIV OF CAL SANTA CRUZ	1,742	0	137	0	25	32	0	824	0	6	718	0	0
UNIV OF CAL CENTRAL SYS	653	0	0	0	0	0	0	624	0	0	29	0	0
UNIV OF CAL SAN FRANCISCO	16,472	0	461	0	301	0	0	14,916	0	186	208	0	0
UNIV OF CAL SANTA BARBARA	9,747	0	225	366	593	0	44	3,025	0	70	1,419	5	0
UNIV OF CALANDS	320	0	0	0	0	0	0	278	0	0	42	0	0
UNIV OF SAN FRANCISCO	1,049	0	0	0	40	0	0	432	0	124	49	0	0
UNIV OF SANTA CLARA	824	0	0	0	22	0	0	341	0	290	175	0	0
UNIV OF SOUTHERN CAL	31,634	0	164	651	3,224	0	440	23,106	0	422	2,677	400	170
UNIV OF THE PACIFIC	1,631	0	0	0	0	313	0	3,194	0	0	124	0	0
UNIV S O COORDINATE COLL	310	0	0	0	0	0	0	266	0	0	44	0	0
VENTURA COL	300	0	0	0	0	0	0	300	0	0	0	0	0
VICTOR VALLEY COL	77	0	0	0	0	0	0	77	0	0	0	0	0
WEST COAST UNIV	54	0	0	0	0	0	0	54	0	0	0	0	0
WEST HILLS COLLEGE	19	0	0	0	0	0	0	34	0	0	5	0	0
WEST LOS ANGELES COLLEGE	40	0	0	0	0	0	0	40	0	0	0	0	0
WEST VALLEY COL	143	0	0	0	0	0	0	140	0	0	0	0	0
WESTMONT COL	121	0	0	0	0	0	0	121	0	0	0	0	0
WHITTIER COL	149	0	0	0	0	0	0	140	0	0	9	0	0
YUBA COL	224	0	0	0	0	0	0	224	0	0	0	0	0
COLORADO, TOTAL	69,220	2,824	1,050	1,171	4,202	251	369	40,290	1,625	3,972	12,226	153	1,043
ADAMS STATE COL	517	0	0	0	0	0	0	517	0	0	0	0	0
AIMS COL	217	0	0	0	0	0	0	217	0	0	0	0	0
ARAPAHOE COMMUNITY COLL	56	0	0	0	0	0	0	56	0	0	0	0	0
COLORADO COL	104	0	0	0	0	0	0	87	0	0	21	0	0
COLORADO MOUNTAIN COL	132	0	0	0	0	0	0	132	0	0	0	0	0
COLORADO SCH OF MINES	1,147	0	0	168	40	0	0	40	167	81	691	0	0
COLORADO STATE UNIV	16,951	2,814	223	135	561	0	204	5,046	437	653	5,387	0	1,083
COLORADO WESTERN COL	3	0	0	0	0	0	0	3	0	0	0	0	0
COMMUNITY COLLEGE DENVER	734	0	0	0	0	0	0	734	0	0	0	0	0
EL PASO COMMUNITY COLLEGE	155	0	0	0	0	0	24	131	0	0	0	0	0

92

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	OOO	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
COLORADO													
FORT LEWIS COL	402	0	0	0	0	0	0	795	0	0	7	0	0
KLIFF SCHOOL OF THEOLOGY	35	0	0	0	0	0	0	35	0	0	0	0	0
LAMAR COMMUNITY COLLEGE	59	0	0	0	0	0	0	59	0	0	0	0	0
LORETO HEIGHTS COL	171	0	0	0	0	0	0	165	0	0	6	0	0
MESA COL	121	0	0	0	0	0	0	119	0	0	2	0	0
METROPOLITAN STATE COL	1,044	0	0	0	0	0	0	1,044	0	0	0	0	0
NORTHEASTERN JR COL	195	0	0	0	0	0	0	195	0	0	0	0	0
OTERO JR COL	296	0	0	0	0	0	0	296	0	0	0	0	0
RANGELY COL	64	0	0	0	0	0	0	64	0	0	0	0	0
REGIS COL	95	0	0	0	0	0	0	95	0	0	0	0	0
ROCKMONT COL	13	0	0	0	0	0	0	13	0	0	0	0	0
SOUTHERN COLORADO ST COL	1,130	0	0	0	5	251	0	849	0	0	25	0	0
ST THOMAS SEM COL	5	0	0	0	0	0	0	5	0	0	0	0	0
TEMPLE BUFFL COL	167	0	0	0	0	0	0	161	0	0	6	0	0
TRINIDAD STATE JR COL	498	0	0	0	0	0	0	495	0	0	3	0	0
UNIV OF COLORADO	15,547	10	427	834	953	0	137	24,867	245	2,681	4,979	50	0
UNIV OF DENVER	5,760	0	0	30	2,643	0	0	2,004	354	557	1,065	103	0
UNIV OF NORTHERN COLORADO	2,010	0	0	0	0	0	0	1,958	18	0	34	0	0
WESTERN ST COL COLORADO	108	0	0	0	0	0	0	108	0	0	0	0	0
CONNECTICUT, TOTAL	69,697	1,521	3,013	45	3,032	0	40	53,268	228	527	7,375	14	554
ALBERTUS MAGNUS COL	103	0	0	0	0	0	0	103	0	0	0	0	0
ANNHURST COL	25	0	0	0	0	0	0	25	0	0	0	0	0
CENTRAL CONN ST COL	776	0	0	0	0	0	0	718	0	0	58	0	0
CONNECTICUT COL	331	0	0	0	4	0	0	304	0	0	23	0	0
EASTERN CONN STATE COL	240	0	0	0	0	0	0	240	0	0	0	0	0
FAIRFIELD UNIV	761	0	0	0	0	0	0	323	0	0	77	0	361
HARTFORD COL FOR WOMEN	25	0	0	0	0	0	0	25	0	0	0	0	0
HARTFORD STATE TECH COL	51	0	0	0	0	0	0	51	0	0	0	0	0
HOUSATONIC REG COMM COL	106	0	0	0	0	0	0	106	0	0	0	0	0
MANCHESTER COMM COL	62	0	0	0	0	0	0	62	0	0	0	0	0
MATTATUCK COMMUNITY COL	787	0	0	0	0	0	0	787	0	0	0	0	0
MIDDLESEX COMM COL	124	0	0	0	0	0	0	124	0	0	0	0	0
MITCHELL COL	42	0	0	0	0	0	0	42	0	0	0	0	0
MORSE OF HARTFORD	5	0	0	0	0	0	0	5	0	0	0	0	0
NEW ENGLAND INST	134	0	42	0	59	0	0	19	0	0	18	0	0
NORTHWESTN CONN COMM COL	26	0	0	0	0	0	0	26	0	0	0	0	0
NORWALK COMM COL	148	0	0	0	0	0	0	148	0	0	0	0	0
NORWALK STATE TECH COL	33	0	0	0	0	0	0	33	0	0	0	0	0
POST JR COL	117	0	0	0	0	0	0	117	0	0	0	0	0
QUINNIPIAC COL	927	0	0	0	0	0	0	925	0	0	2	0	0
SACRED HEART UNIV	44	0	0	0	0	0	0	44	0	0	0	0	0
SOUTH CENTRAL COMM COL	321	0	0	0	0	0	0	321	0	0	0	0	0
SOUTHERN CONN STATE COL	946	0	0	0	0	0	0	943	0	0	43	0	0
ST JOSEPH COL	115	0	0	0	0	0	0	58	0	10	47	0	0
THAMES VALLEY ST TECH COL	47	0	0	0	0	0	0	47	0	0	0	0	0
TRINITY COL	137	0	0	0	0	0	0	128	0	0	9	0	0
TUNXIS COMMUNITY COLLEGE	120	0	0	0	0	0	0	120	0	0	0	0	0
UNIV OF BRIDGEPORT	703	0	0	0	0	0	0	677	0	0	26	0	0
UNIV OF CONNECTICUT	14,323	1,521	83	45	357	0	44	10,545	157	247	1,220	0	0
UNIV OF HARTFORD	1,240	0	0	0	0	0	0	1,271	0	0	9	0	0
UNIV OF NEW HAVEN	533	0	0	0	0	0	0	533	0	0	0	0	0
WATERBURY STATE TECH COL	30	0	0	0	0	0	0	30	0	0	0	0	0
WESLEYAN UNIV	1,576	0	0	0	10	0	0	963	0	0	549	14	0
WESTERN CONN STATE COL	107	0	0	0	0	0	0	99	0	0	4	0	0
YALE UNIV	44,504	0	2,888	0	2,602	0	12	33,222	71	270	5,246	0	193
DELAWARE, TOTAL	7,512	1,451	13	0	245	0	74	3,541	100	30	2,058	0	0
BRANDYWINE COLLEGE	173	0	0	0	0	0	0	173	0	0	0	0	0
DELAWARE STATE COL	1,456	329	0	0	0	0	16	1,078	0	18	15	0	0
DELAWARE TECH & COMM COL	302	0	0	0	0	0	0	302	0	0	0	0	0
GOLDEY BEACON COLLEGE	75	0	0	0	0	0	0	75	0	0	0	0	0
UNIV OF DELAWARE	5,332	1,122	13	0	245	0	54	1,739	100	12	2,043	0	0
WESLEY COL	136	0	0	0	0	0	0	136	0	0	0	0	0
WILMINGTON COLLEGE	34	0	0	0	0	0	0	38	0	0	0	0	0
DIST. OF COLUMBIA, TOTAL	104,149	611	174	92	4,117	4,211	435	93,624	86	1,453	2,657	344	341
AMERICAN UNIVERSITY	2,744	0	12	0	1,111	0	4	951	0	25	355	300	22
CATHOLIC UNIV OF AMERICA	4,325	0	16	0	870	0	14	3,268	62	154	479	44	14
DIST OF COL TCHRS COL	417	0	0	0	3	0	0	417	0	0	0	0	0
DUNBARPTON COL HOLY CROSS	137	0	0	0	0	0	0	129	0	0	8	0	0
FEDERAL CITY COL	3,519	240	0	0	0	0	46	3,018	0	10	95	0	0
GALLAUDET COL	12,744	0	0	0	0	0	0	12,657	0	0	47	0	0
GEORGE WASHINGTON UNIV	15,345	0	21	0	1,599	0	197	11,552	0	956	924	0	246
GEORGETOWN UNIV	15,715	45	39	0	482	0	100	14,410	2	30	605	0	2

93

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOE	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
DIST. OF COLUMBIA													
HOWARD UNIV	51,069	6	96	0	55	4,211	80	45,158	22	204	190	0	57
IMMACULATE COL OF WASH	12	0	0	0	0	0	0	12	0	0	0	0	0
MOUNT VERNON COLLEGE	11	0	0	0	0	0	0	11	0	0	0	0	0
NATIONAL GRADUATE UNIV	14	0	0	0	0	0	0	0	0	0	14	0	0
SOUTHEASTERN UNIV	7	0	0	0	0	0	0	7	0	0	0	0	0
STRAYER COLLEGE	56	0	0	0	0	0	0	56	0	0	0	0	0
TRINITY COL	133	0	0	0	0	0	0	133	0	0	0	0	0
WASHINGTON TECHNICAL INST	1,221	280	0	92	0	0	0	849	0	0	0	0	0
FLORIDA, TOTAL	132,154	4,863	1,816	2,149	6,175	2,159	1,006	69,199	320	874	12,400	482	701
BARRY COL	349	0	0	0	0	0	0	349	0	0	0	0	0
BETHUNE-COOKMAN COL	1,012	0	0	0	0	0	0	1,001	0	0	11	0	0
BISCAYNE COL	77	0	0	0	0	0	0	77	0	0	0	0	0
BREVARD COMMUNITY COLLEGE	347	0	0	0	0	0	0	347	0	0	0	0	0
BROWARD COMMUNITY COLLEGE	504	0	0	0	0	0	0	502	0	0	2	0	0
CENTRAL FLORIDA COMTY COL	862	0	0	0	0	0	24	838	0	0	0	0	0
CHIPOLA JR COL	190	0	0	0	0	0	0	178	0	0	2	0	0
DAYTONA BEACH CMTY COL	241	0	0	0	0	0	0	240	0	0	1	0	0
EDISON JR COL	106	0	0	0	0	0	0	106	0	0	0	0	0
EDWARD WATERS COL	521	0	0	0	0	0	0	487	0	0	34	0	0
EMBRY-RIDDLE AERO UNIV	155	0	0	0	0	0	0	155	0	0	0	0	0
FLA INTERNATIONAL UNIV	617	0	0	0	0	0	0	617	0	0	0	0	0
FLORIDA AGR & MECH UNIV	2,399	563	0	0	0	0	0	1,761	0	0	65	0	0
FLORIDA ATLANTIC UNIV	2,768	0	0	0	52	1,185	33	778	0	0	720	0	0
FLORIDA INST OF TECH	496	0	0	0	52	0	0	399	0	35	10	0	0
FLORIDA JR COL	401	0	0	0	0	0	0	372	0	0	29	0	0
FLORIDA KEYS CMTY COLLEGE	194	0	0	0	0	0	0	194	0	0	0	0	0
FLORIDA MEMORIAL COL	924	0	0	0	0	0	0	924	0	0	0	0	0
FLORIDA PRESBYTERIAN COL	313	0	0	0	0	0	0	295	0	0	18	0	0
FLORIDA SOUTHERN COL	197	0	0	0	0	0	0	187	0	0	0	0	0
FLORIDA STATE UNIV	12,614	0	983	471	559	0	7	6,127	139	124	3,550	147	507
FLORIDA TECHNOLOGICAL UNIV	1,447	5	0	0	0	0	0	1,288	0	20	134	0	0
FORT LAUDERDALE UNIV	60	0	0	0	0	0	0	60	0	0	0	0	0
GULF COAST JR COL	90	0	0	0	0	0	0	90	0	0	0	0	0
HILLSBOROUGH CMTY COLLEGE	458	0	0	0	0	0	0	458	0	0	0	0	0
INDIAN RIVER CMTY COLLEGE	215	0	0	0	0	0	0	215	0	0	0	0	0
JACKSONVILLE UNIV	230	0	0	0	0	0	0	219	0	0	11	0	0
JONES COL	171	0	0	0	0	0	0	171	0	0	0	0	0
LAKE CITY COMMUNITY COLL	588	0	0	0	0	0	0	391	0	0	197	0	0
LAKE-SUMNER COMMUNITY COL	33	0	0	0	0	0	0	33	0	0	0	0	0
MANATEE JR COL	220	0	0	0	0	0	0	220	0	0	0	0	0
MARYMOUNT COL	48	0	0	0	0	0	0	48	0	0	0	0	0
MIAMI-DADE JR COL	3,098	0	0	0	0	0	60	3,036	0	0	2	0	0
NEW COL	12	0	0	0	0	0	0	12	0	0	0	0	0
NORTH FLORIDA JR COL	209	0	0	0	0	0	0	209	0	0	0	0	0
NOVA UNIV	997	0	0	52	347	0	0	90	0	0	399	99	0
OKALOOSA-WALTON JR COL	48	0	0	0	0	0	0	48	0	0	0	0	0
PALM BEACH ATLANTIC COLL	77	0	0	0	0	0	0	77	0	0	0	0	0
PALM BEACH JR COL	83	0	0	0	0	0	0	83	0	0	0	0	0
PENSACOLA JR COL	215	0	0	0	0	0	0	215	0	0	0	0	0
POLK JR COL	60	0	0	0	0	0	0	60	0	0	0	0	0
ROLLINS COL	318	0	0	0	0	0	0	119	0	0	199	0	0
SANTA FE JR COL	596	0	0	0	0	0	17	549	0	0	18	0	0
SEMINOLE JR COL	191	0	0	0	0	0	0	191	0	0	0	0	0
SOUTH FLORIDA JR COL	9	0	0	0	0	0	0	9	0	0	0	0	0
SOUTH-EASTERN RIBLE COL	227	0	0	0	0	0	0	227	0	0	0	0	0
ST JOHNS RIVER JR COL	117	0	0	0	0	0	0	117	0	0	0	0	0
ST JOSEPH COL OF FLORIDA	24	0	0	0	0	0	0	24	0	0	0	0	0
ST LEO COL	50	0	0	0	0	0	0	48	0	0	2	0	0
ST PETERSBURG JR COL	582	0	0	0	0	0	0	582	0	0	0	0	0
ST UNIV SYS OF FLA	41	0	0	0	0	0	41	0	0	0	0	0	0
STETSON UNIV	435	0	0	0	0	0	0	411	0	0	24	0	0
TALLAHASSEE COMMUNITY COL	167	0	0	0	0	0	0	167	0	0	0	0	0
UNIV OF FLORIDA	27,552	4,295	496	57	2,183	405	653	15,206	181	435	2,447	0	194
UNIV OF MIAMI	27,830	0	316	1,569	2,896	579	166	17,706	0	269	4,102	236	0
UNIV OF SOUTH FLORIDA	9,220	0	21	0	86	0	5	8,714	0	0	394	0	0
UNIV OF TAMPA	69	0	0	0	0	0	0	69	0	0	0	0	0
UNIV OF WEST FLORIDA	415	0	0	0	0	0	0	415	0	0	0	0	0
UNIVERSITY OF NORTH FLA	365	0	0	0	0	0	0	352	0	0	13	0	0
VALENCIA COMMUNITY COLL	342	0	0	0	0	0	0	326	0	0	16	0	0
GEORGIA, TOTAL	70,529	8,055	931	146	3,044	0	359	50,064	293	875	5,672	975	115
ABRAHAM BALDWIN AGR COL	486	0	0	0	0	0	0	486	0	0	0	0	0
AGNES SCOTT COL	14	0	0	0	0	0	0	0	0	0	14	0	0
ALBANY JR COL	177	0	0	0	0	0	0	177	0	0	0	0	0
ALBANY STATE COL	1,541	0	0	0	0	0	0	1,467	0	0	74	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOO	DOE	FPA	HEW	INT	NASA	NSF	DOT	OTHER*
GEORGIA													
ANDREW CO	39	0	0	0	0	0	0	39	0	0	0	0	0
ARMSTRONG STATE COL	204	0	0	0	0	0	0	204	0	0	0	0	0
ATLANTA BAPTIST COLLEGE	86	0	0	0	0	0	0	86	0	0	0	0	0
ATLANTA SCH OF ART	46	0	0	0	0	0	0	46	0	0	0	0	0
ATLANTA UNIV	1,550	0	0	0	0	0	0	1,386	0	0	149	115	0
ATLANTA UNIVERSITY CENTER	317	0	0	0	0	0	0	293	0	0	24	0	0
AUGUSTA COL	272	0	0	0	0	0	0	270	0	0	2	0	0
BERRY COL	274	0	0	0	0	0	0	271	0	0	3	0	0
BIRMGOOD JR COL	3	0	0	0	0	0	0	3	0	0	0	0	0
BRENNAN COL	29	0	0	0	0	0	0	29	0	0	0	0	0
BRENTON-PARKEE COL	103	0	0	0	0	0	0	103	0	0	0	0	0
BRUNSWICK JR COL	350	0	0	0	0	0	0	350	0	0	0	0	0
CLARK COL	2,245	0	0	0	0	0	0	2,164	0	0	77	0	0
CLAYTON JUNIOR COLLEGE	211	0	0	0	0	0	0	211	0	0	0	0	0
COLUMBUS COL	897	0	0	0	0	0	0	872	0	0	15	0	0
COVENANT COL	164	0	0	0	0	0	0	164	0	0	0	0	0
DALTON JR COL	47	0	0	0	0	0	0	47	0	0	0	0	0
DEKALB COL	194	0	0	0	0	0	0	194	0	0	0	0	0
EMMANUEL COL	77	0	0	0	0	0	0	77	0	0	0	0	0
EMORY UNIV	14,139	0	76	0	92	0	5	13,122	0	182	562	0	0
FERNBANK SCIENCE CENTER	10	0	0	0	0	0	0	0	0	0	10	0	0
FLOYD JUNIOR COLLEGE	286	0	0	0	0	0	0	286	0	0	0	0	0
FORT VALLEY STATE COL	1,716	838	0	0	0	0	0	869	0	0	9	0	0
GAINESVILLE JR COL	96	0	0	0	0	0	0	96	0	0	0	0	0
GEORGIA COLLEGE	198	0	0	0	0	0	0	177	0	0	21	0	0
GEORGIA INST OF TECH	7,506	0	318	146	2,612	0	175	1,527	274	626	1,067	860	0
GEORGIA SOUTHERN COL	459	0	0	0	0	0	0	450	0	0	9	0	0
GEORGIA SOUTHWESTERN COL	232	0	0	0	0	0	0	232	0	0	0	0	0
GEORGIA STATE UNIVERSITY	1,299	0	0	0	42	0	0	1,042	0	0	107	0	98
GORDON MILITARY COL	73	0	0	0	0	0	0	73	0	0	0	0	0
INTERDENOMINA THEOL CTR	34	0	0	0	0	0	0	34	0	0	0	0	0
KENNESAW JR COL	254	0	0	0	0	0	0	254	0	0	0	0	0
LA GRANGE COL	111	0	0	0	0	0	0	111	0	0	0	0	0
MACON JR COL	59	0	0	0	0	0	0	59	0	0	0	0	0
MEDICAL COL OF GEORGIA	5,174	0	0	0	10	0	44	5,104	0	0	16	0	0
MERCER UNIV	753	0	0	0	0	0	0	753	0	0	0	0	0
MIDDLE GEORGIA COL	398	0	0	0	0	0	0	396	0	0	2	0	0
MOREHOUSE COL	1,527	0	0	0	0	0	0	1,042	0	91	434	0	0
MORRIS BROWN COL	1,667	0	0	0	0	0	0	1,580	0	0	87	0	0
NORTH GEORGIA COL	278	0	0	0	0	0	0	228	0	0	50	0	0
OGLETHORPE COL	125	0	0	0	0	0	0	125	0	0	0	0	0
PAINE COL	1,905	0	0	0	0	0	0	1,622	0	0	283	0	0
PIEDMONT COL	116	0	0	0	0	0	0	116	0	0	0	0	0
REINHARDT COL	97	0	0	0	0	0	0	97	0	0	0	0	0
SAVANNAH STATE COL	1,154	0	0	0	0	0	0	1,122	0	0	32	0	0
SHORTER COL	21	0	0	0	0	0	0	14	0	0	7	0	0
SOUTH GEORGIA COL	400	0	0	0	0	0	0	400	0	0	0	0	0
SPELMAN COL	1,575	0	0	0	0	0	0	1,296	0	0	279	0	0
TIFT COL	428	0	0	0	0	0	0	428	0	0	0	0	0
TOCCOA FALLS INST	183	0	0	0	0	0	0	183	0	0	0	0	0
TRUETT MCCONNELL COL	43	0	0	0	0	0	0	43	0	0	0	0	0
UNIV OF GEORGIA	17,261	7,217	537	0	288	0	85	5,458	19	16	2,223	0	17
UNIV SYSTEM OF GEORGIA	49	0	0	0	0	0	48	0	0	0	0	0	0
VALDOSTA ST COL	424	0	0	0	0	0	0	417	0	0	7	0	0
WESLEYAN COL	4	0	0	0	0	0	0	4	0	0	0	0	0
WEST GEORGIA COL	867	0	0	0	0	0	0	858	0	0	9	0	0
YOUNG HARRIS COL	53	0	0	0	0	0	0	53	0	0	0	0	0
HAWAII, TOTAL	22,936	1,376	634	1,290	1,641	0	0	11,640	164	2,198	3,758	0	235
CHAMINADE COL OF HONOLULU	191	0	0	0	0	0	0	191	0	0	0	0	0
HAWAII LOA COLLEGE	19	0	0	0	0	0	0	19	0	0	0	0	0
HAWAII PACIFIC COLLEGE	95	0	0	0	0	0	0	85	0	0	0	0	0
HAUNAOLU COL	190	0	0	0	0	0	0	190	0	0	0	0	0
UNIV OF HAWAII	22,451	1,376	634	1,290	1,641	0	0	11,155	164	2,198	3,758	0	235
IDAHO, TOTAL	7,886	1,980	18	6	223	0	0	4,747	352	0	560	0	0
BOISE STATE COLLEGE	1,018	0	0	0	0	0	0	1,004	0	0	14	0	0
COL OF IDAHO	272	0	0	0	0	0	0	256	0	0	16	0	0
COL OF SOUTHERN IDAHO	425	0	0	0	0	0	0	424	0	0	1	0	0
IDAHO STATE UNIV	2,084	0	13	0	0	0	0	2,026	0	0	45	0	0
LEWIS AND CLARK STATE COL	79	0	0	0	0	0	0	79	0	0	0	0	0
NORTH IDAHO COLLEGE	199	0	0	0	0	0	0	199	0	0	0	0	0
NORTHWEST NAZARENE COL	190	0	0	0	0	0	0	186	0	0	4	0	0
UNIV OF IDAHO	3,519	1,980	5	6	223	0	0	573	352	0	480	0	0

95

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOO	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
ILLINOIS, TOTAL	178,309	6,951	8,159	213	8,677	451	1,293	118,739	346	4,160	28,203	745	342
AUGUSTANA COL	126	0	0	0	0	0	0	126	0	0	0	0	0
AURORA COL	99	0	0	0	0	0	0	76	0	0	23	0	0
BARAT COLLEGE	347	0	0	0	0	0	0	347	0	0	0	0	0
BELLEVILLE AREA COLLEGE	80	0	0	0	0	0	0	80	0	0	0	0	0
BLACK HAWK COL	226	0	0	0	0	0	0	196	0	0	0	30	0
BLACKBURN COL	37	0	0	0	0	0	0	35	0	0	2	0	0
BRADLEY UNIV	601	0	0	0	0	0	0	586	0	0	15	0	0
CARL SANDRURG COL	45	0	0	0	0	0	0	45	0	0	0	0	0
CENTRAL YMCA COMM COL	2,390	0	0	0	0	0	0	2,390	0	0	0	0	0
CHI COL OSTEOPATHIC MED	765	0	0	0	0	0	0	765	0	0	0	0	0
CHICAGO CONSERVATORY COL	14	0	0	0	0	0	0	14	0	0	0	0	0
CHICAGO MEDICAL SCHOOL	1,674	0	0	0	16	0	0	1,591	0	0	67	0	0
CHICAGO STATE COL	1,134	0	0	0	0	0	0	1,091	0	0	43	0	0
CITY COLLEGES OF CHICAGO	6,734	0	0	0	0	0	0	6,391	0	0	3	0	0
COL OF DU PAGE	272	0	0	0	0	0	0	272	0	0	0	0	0
COL OF ST FRANCIS	46	0	0	0	0	0	0	44	0	0	2	0	0
COLLEGE OF LAKE COUNTY	195	0	0	0	0	0	0	195	0	0	0	0	0
COLUMBIA COL	12	0	0	0	0	0	0	12	0	0	0	0	0
CONCORDIA TCNRS COL	36	0	0	0	0	0	0	36	0	0	0	0	0
DANVILLE JR COL	206	0	0	0	0	0	0	201	0	0	5	0	0
DEPAUL UNIV	893	0	0	0	0	0	0	821	0	0	72	0	0
DEVRY INST OF TECHNOLOGY	40	0	0	0	0	0	0	80	0	0	0	0	0
EASTERN ILLINOIS UNIV	713	0	0	0	0	0	0	713	0	0	0	0	0
ELGIN COMM COL	147	0	0	0	0	0	0	147	0	0	0	0	0
ELMHURST COL	193	0	0	0	0	0	0	185	0	0	8	0	0
EUREKA COL	188	0	0	0	0	0	0	188	0	0	0	0	0
GARRETT BAPTICAL INST	26	0	0	0	0	0	0	26	0	0	0	0	0
GEORGE WILLIAMS COL	226	0	0	0	0	0	0	226	0	0	0	0	0
GOVERNORS STATE UNIV	476	0	0	0	0	0	0	476	0	0	0	0	0
GREENVILLE COL	153	0	0	0	0	0	0	153	0	0	0	0	0
HEBREW THEOL COL	47	0	0	0	0	0	0	47	0	0	0	0	0
HIGHLAND COMM COL	103	0	0	0	0	0	0	103	0	0	0	0	0
ILL COL OF PODIATRIC MED	1,457	0	0	0	0	0	0	1,457	0	0	0	0	0
ILLINOIS RENEDICTINE COL	177	0	70	0	0	0	0	97	0	0	0	0	0
ILLINOIS CENTRAL COL	322	0	0	0	0	0	0	322	0	0	0	0	0
ILLINOIS COL	42	0	0	0	0	0	0	42	0	0	0	0	0
ILLINOIS COL OF OPTOMETRY	602	0	0	0	0	0	0	602	0	0	0	0	0
ILLINOIS INST OF TECH	6,998	0	157	0	142	0	29	4,714	0	60	1,737	141	0
ILLINOIS ST UNIV	1,776	0	29	0	0	46	0	1,597	0	0	104	0	0
ILLINOIS VALLEY COM COLL	47	0	0	0	0	0	0	47	0	0	0	0	0
ILLINOIS WESLEYAN UNIV	259	0	0	0	0	0	0	257	0	0	2	0	0
JOHN A LOGAN COLLEGE	24	0	0	0	0	0	0	24	0	0	0	0	0
JOLIET JR COL	159	0	0	0	0	0	0	159	0	0	0	0	0
JUDSON COL	42	0	0	0	0	0	0	42	0	0	0	0	0
KANKAKEE COMMUNITY COL	61	0	0	0	0	0	0	61	0	0	0	0	0
KASKASKIA COL	56	0	0	0	0	0	0	66	0	0	0	0	0
KENDALL COL	151	0	0	0	0	0	0	151	0	0	0	0	0
KISHWAUKEE COL	47	0	0	0	0	0	0	47	0	0	0	0	0
KNOX COL	188	0	0	0	0	0	0	88	0	0	100	0	0
LAKE FOREST COL	149	0	0	0	0	0	0	149	0	0	0	0	0
LAKE LAND COL	88	0	0	0	0	0	0	88	0	0	0	0	0
LEWIS COL	567	0	0	0	0	0	0	563	0	0	4	0	0
LINCOLN CHRISTIAN COL	19	0	0	0	0	0	0	19	0	0	0	0	0
LINCOLN COL	13	0	0	0	0	0	0	13	0	0	0	0	0
LINCOLN LAND JR COLLEGE	117	0	0	0	0	0	0	117	0	0	0	0	0
LOYOLA UNIV	5,824	0	40	0	43	0	0	5,674	0	0	67	0	0
MACCORDMAC COL	57	0	0	0	0	0	0	57	0	0	0	0	0
MACMURRAY COL	465	0	0	0	0	0	0	463	0	0	2	0	0
MCHENRY COUNTY COL	29	0	0	0	0	0	0	29	0	0	0	0	0
MCKENOREE COL	76	0	0	0	0	0	0	76	0	0	0	0	0
MILLIKIN UNIV	115	0	0	0	0	0	0	115	0	0	0	0	0
MONMOUTH COL	95	0	0	0	0	0	0	84	0	0	11	0	0
MORAIN VALLEY COMM COLL	61	0	0	0	0	0	0	61	0	0	0	0	0
MORTON JR COL	51	0	0	0	0	0	0	51	0	0	0	0	0
MUNDLEIN COL	361	0	0	0	0	0	0	361	0	0	0	0	0
NAT COL OF EDUCATION	122	0	0	0	0	0	0	122	0	0	0	0	0
NORTH CENTRAL COL	64	0	0	0	0	0	0	61	0	0	3	0	0
NORTH PARK COL THEOL SEM	140	0	0	0	0	0	0	140	0	0	0	0	0
NORTHEASTERN ILL ST COL	792	0	0	0	0	0	0	771	0	0	11	0	0
NORTHERN BAPT THEOL SEM	10	0	0	0	0	0	0	10	0	0	0	0	0
NORTHERN ILLINOIS UNIV	2,897	0	0	0	49	0	0	2,514	0	0	334	0	0
NORTHWESTERN UNIV	21,829	0	195	0	798	357	393	15,417	0	217	4,203	336	0
OLIVET NAZARENE COL	344	0	0	0	0	0	0	344	0	0	0	0	0
OLNEY CENTRAL COLLEGE	707	0	0	0	0	0	0	707	0	0	0	0	0
PARKLAND COL	133	0	0	0	0	0	0	133	0	0	0	0	0
PRAIRIE STATE COL	204	0	0	0	0	0	0	204	0	0	0	0	0
PRINCIPIA COL	2	0	0	0	0	0	0	2	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
ILLINOIS													
QUINCY COL	149	0	0	0	0	0	0	140	0	0	9	0	0
REND LAKE COL	26	0	0	0	0	0	0	26	0	0	0	0	0
ROBERT MORRIS COL	86	0	0	0	0	0	0	86	0	0	0	0	0
ROCK VALLEY COL	169	0	0	0	0	0	0	169	0	0	0	0	0
ROCKFORD COL	2	0	0	0	0	0	0	2	0	0	0	0	0
ROOSEVELT UNIV	549	0	0	0	0	0	0	607	0	0	0	0	0
ROSARY COL	77	0	0	0	0	0	0	77	0	0	42	0	0
PUSH MEDICAL COLLEGE	346	0	0	0	0	0	0	346	0	0	0	0	0
SANGAMON STATE UNIVERSITY	308	0	0	0	0	0	0	308	0	0	0	0	0
SAUK VALLEY COL	188	0	0	0	0	0	0	188	0	0	0	0	0
SCHOOLS OF THE ART INST	88	0	0	0	0	0	0	88	0	0	0	0	0
SHAWNEE COLLEGE	146	0	0	0	0	0	0	146	0	0	0	0	0
SHIMER COL	11	0	0	0	0	0	0	11	0	0	0	0	0
SOUTHEASTERN ILLINOIS COL	43	0	0	0	0	0	0	43	0	0	0	0	0
SOUTHERN ILL U-CARBONDALE	4,379	41	0	0	0	0	0	3,966	6	0	348	0	18
SOUTH ILL U-EDWARDSVILLE	1,642	0	0	0	0	0	0	1,628	0	0	54	0	0
SPIRITUS COLL OF JUDICIA	163	0	0	0	0	0	0	163	0	0	0	0	0
SPOON RIVER COLLEGE	95	0	0	0	0	0	0	95	0	0	0	0	0
ST XAVIER COL	407	0	0	0	0	0	0	407	0	0	0	0	0
THORNTON COMMUNITY COL	140	0	0	0	0	0	0	140	0	0	0	0	0
TOLENTINE COL	22	0	0	0	0	0	0	22	0	0	0	0	0
TRINITY CHRISTIAN COL	67	0	0	0	0	0	0	67	0	0	0	0	0
TRINITY COL	201	0	0	0	0	0	0	201	0	0	0	0	0
TRITON COL	196	0	0	0	0	0	0	186	0	0	10	0	0
UNIV OF CHICAGO	42,369	0	4,196	158	964	0	84	25,103	0	2,805	8,882	0	177
UNIV OF ILL GEN SYS	115	0	0	0	12	0	0	90	1	0	12	0	0
UNIV OF ILLINOIS-CHGO CIP	3,632	0	14	0	221	0	42	2,471	0	25	459	0	0
UNIV OF ILLINOIS-MED CTR	13,111	0	0	0	0	0	0	13,093	0	0	18	0	0
UNIV OF ILLINOIS-URBANA	42,433	6,910	3,568	55	6,432	48	733	11,827	339	1,053	11,086	238	144
WABASH VALLEY COL	95	0	0	0	0	0	0	95	0	0	0	0	0
WAUBONSEE COMMUNITY COL	92	0	0	0	0	0	0	92	0	0	0	0	0
WESTERN ILLINOIS UNIV	914	0	0	0	0	0	12	860	0	0	42	0	0
WHEATON COL	64	0	0	0	0	0	0	64	0	0	0	0	0
WILLIAM RAINY HARPER COL	169	0	0	0	0	0	0	156	0	0	13	0	0
INDIANA, TOTAL	81,014	5,669	2,562	269	2,741	89	440	48,868	526	1,941	15,462	1,507	940
ANCILLA DOMINI COL	3	0	0	0	0	0	0	3	0	0	0	0	0
ANDERSON COL	461	0	0	0	0	0	0	450	0	0	11	0	0
BALL STATE UNIV	2,713	0	0	0	0	0	0	2,530	0	0	183	0	0
BETHEL COL	50	0	0	0	0	0	0	60	0	0	0	0	0
BUTLER UNIV	127	0	0	0	0	0	0	127	0	0	0	0	0
CHRISTIAN THEOL SEM	190	0	0	0	0	0	0	190	0	0	0	0	0
CONDODIA SENIOR COL	49	0	0	0	0	0	0	49	0	0	0	0	0
DEPAUW UNIV	746	0	0	0	0	0	0	165	0	0	181	0	0
EARLHAM COL	398	0	0	0	0	0	0	354	0	0	34	0	0
FORT WAYNE ART INSTITUTE	28	0	0	0	0	0	0	28	0	0	0	0	0
FORT WAYNE BIBLE COL	58	0	0	0	0	0	0	68	0	0	0	0	0
FRANKLIN COL	136	0	0	0	0	0	0	136	0	0	0	0	0
GOSHEN COL	472	0	0	0	0	0	0	472	0	0	0	0	0
GRACE THEOL SEM	205	0	0	0	0	0	0	205	0	0	0	0	0
HANOVER COL	3	0	0	0	0	0	0	0	0	0	3	0	0
HOLY CROSS JR COL	21	0	0	0	0	0	0	21	0	0	0	0	0
HUNTINGTON COL	158	0	0	0	0	0	0	158	0	0	0	0	0
IND UNIV GEN SYS	1,229	0	0	0	0	0	0	1,217	0	0	0	0	0
INDIANA CENTRAL COL	107	0	0	0	0	0	0	107	0	0	0	0	12
INDIANA INST OF TECH	500	0	0	0	0	0	0	498	0	0	0	0	0
INDIANA STATE UNIV	2,885	15	0	113	0	0	21	2,671	0	0	65	0	0
INDIANA U REG CAM SYS OFF	570	0	0	0	0	0	0	570	0	0	0	0	0
INDIANA UNIV-BLOOMINGTON	17,573	0	177	0	351	29	136	11,135	83	488	5,058	0	116
INDIANA UNIV-INDIANAPOLIS	13,730	0	0	0	0	0	0	12,231	0	0	192	1,307	0
MANCHESTER COL	336	0	0	0	0	0	0	214	0	0	122	0	0
MARIAN COL	286	0	0	0	0	0	0	286	0	0	0	0	0
MARION COL	385	0	0	0	0	0	0	385	0	0	0	0	0
OAKLAND CITY COL	103	0	0	0	0	0	0	103	0	0	0	0	0
PURDUE UNIV	27,495	5,654	1,145	137	2,025	60	160	8,542	348	1,438	7,373	200	812
ROSE-HULMAN INST OF TECH	130	0	0	0	0	0	0	101	0	5	24	0	0
ST FRANCIS COL	146	0	0	0	0	0	0	146	0	0	0	0	0
ST JOSEPHS COL	385	0	0	0	0	0	7	383	0	0	2	0	0
ST MARY-OF-THE-WOODS COL	68	0	0	0	0	0	0	68	0	0	0	0	0
ST MARYS COL	93	0	0	0	0	0	0	91	0	0	2	0	0
ST MEINRAD COL	58	0	0	0	0	0	0	58	0	0	0	0	0
ST MEINRAD SCH - THEOLOGY	15	0	0	0	0	0	0	15	0	0	0	0	0
TAYLOR UNIV	161	0	0	0	0	0	0	159	0	0	2	0	0
TRI-ST COL	102	0	0	0	0	0	0	102	0	0	0	0	0
UNIV OF EVANSVILLE	1,741	0	0	0	0	0	0	1,733	0	0	8	0	0
UNIV OF NOTRE DAME	5,924	0	1,240	19	364	0	123	1,895	95	10	2,182	0	0
VALPARAISO UNIV	415	0	0	0	0	0	0	399	0	0	16	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOO	DEO	EPA	HEW	IAT	NASA	NSF	DOT	OTHER*
INDIANA													
VINCENNES UNIV	729	0	0	0	0	0	0	729	0	0	0	0	0
WABASH COL	15	0	0	0	0	0	0	14	0	0	2	0	0
IOWA, TOTAL	49,930	5,696	207	22	765	0	202	36,561	426	1,829	3,724	303	265
AMER INST OF BUSINESS	36	0	0	0	0	0	0	36	0	0	0	0	0
AREA SIX COMMUNITY COL	480	0	0	0	0	0	0	480	0	0	0	0	0
ARRIAR CLIFF COL	507	0	0	0	0	0	0	507	0	0	0	0	0
BUENA VISTA COL	228	0	0	0	0	0	0	226	0	0	2	0	0
CENTRAL COL	971	0	0	0	0	0	0	967	0	0	4	0	0
CLARK COL	70	0	0	0	0	0	0	37	0	0	33	0	0
COE COL	191	0	0	0	0	0	0	184	0	0	7	0	0
COL OF OSTEOPATH MED SURG	1,107	0	0	0	0	0	0	1,107	0	0	0	0	0
CORNELL COL	102	0	0	0	0	0	0	89	0	0	13	0	0
DES MOINES AREA CC-ANKENY	378	0	0	0	0	0	0	378	0	0	0	0	0
DIVINE WORD COL	30	0	0	0	0	0	0	30	0	0	0	0	0
DORDT COL	320	0	0	0	0	0	0	317	0	0	3	0	0
DRAKE UNIV	1,205	0	0	0	0	0	25	996	0	0	184	0	0
EASTERN IOWA COMM COL	159	0	0	0	0	0	0	159	0	0	0	0	0
GRACELAND COL	328	0	0	0	0	0	0	328	0	0	0	0	0
GRAND VIEW COL	48	0	0	0	0	0	0	48	0	0	0	0	0
GRINNELL COL	88	0	0	0	0	0	0	65	0	0	23	0	0
HAWKEYE INST OF TECH	49	0	0	0	0	0	0	49	0	0	0	0	0
INDIAN HILLS COMMUNITY CO	10	0	0	0	0	0	0	10	0	0	0	0	0
IOWA CENTRAL COMM COL	106	0	0	0	0	0	0	106	0	0	0	0	0
IOWA LAKES COMMUNITY COL	40	0	0	0	0	0	0	140	0	0	0	0	0
IOWA ST U OF SCIENCETECH	12,275	5,675	155	6	124	0	95	3,818	285	60	1,955	192	0
IOWA WESLEYAN COL	197	0	0	0	0	0	0	197	0	0	0	0	0
IOWA WESTERN COMM COL	236	0	0	0	0	0	0	236	0	0	0	0	0
KIRKWOOD COMMUNITY COLL	309	0	0	0	0	0	82	227	0	0	0	0	0
LORAS COL	202	0	0	0	0	0	0	202	0	0	0	0	0
LUTHER COL	649	0	0	0	0	0	0	648	0	0	41	0	0
MARYCREST COL	192	0	0	0	0	0	0	192	0	0	0	0	0
MORNINGSIDE COL	309	0	0	0	0	0	0	309	0	0	0	0	0
MT MERCY COL	330	0	0	0	0	0	0	330	0	0	0	0	0
MT ST CLARE COL	32	0	0	0	0	0	0	32	0	0	0	0	0
NE IOWA AREA VOC-TECH SCH	76	0	0	0	0	0	0	76	0	0	0	0	0
NORTH IOWA AREA COMM COL	179	0	0	0	0	0	0	179	0	0	0	0	0
NORTHWESTERN COL	255	0	0	0	0	0	0	255	0	0	0	0	0
NW IOWA VOCATIONAL SCHOOL	52	0	0	0	0	0	0	52	0	0	0	0	0
OTTUMWA HEIGHTS COL	247	0	0	0	0	0	0	247	0	0	0	0	0
PALMER JR COL	7	0	0	0	0	0	0	7	0	0	0	0	0
PARSONS COL	175	0	0	0	0	0	0	175	0	0	0	0	0
SIMPSON COL	211	0	0	0	0	0	0	172	0	0	39	0	0
SOUTHEASTERN CNTY COLLEGE	263	0	0	0	0	0	0	263	0	0	0	0	0
SOUTHWESTERN COMM COLLEGE	49	0	0	0	0	0	0	49	0	0	0	0	0
ST AMBROSE COL	107	0	0	0	0	0	0	107	0	0	0	0	0
UNIV OF DUQUOE	116	0	0	0	0	0	0	116	0	0	0	0	0
UNIV OF IOWA	24,864	11	52	16	641	0	0	20,417	141	1,769	1,441	111	265
UNIV OF NORTHERN IOWA	335	0	0	0	0	0	0	378	0	0	57	0	0
UPPER IOWA UNIV	246	0	0	0	0	0	0	246	0	0	0	0	0
VENNARD COL	84	0	0	0	0	0	0	84	0	0	0	0	0
WALDOPE COL	135	0	0	0	0	0	0	135	0	0	0	0	0
WARTBURG COL	238	0	0	0	0	0	0	226	0	0	12	0	0
WARTBURG THEOL SEM	5	0	0	0	0	0	0	5	0	0	0	0	0
WESTMAR COL	295	0	0	0	0	0	0	295	0	0	0	0	0
WILLIAM PENN COL	127	0	0	0	0	0	0	127	0	0	0	0	0
KANSAS, TOTAL	41,020	3,819	677	10	510	0	72	31,502	222	820	3,178	4	206
ALLEN COUNTY COMM JR COL	45	0	0	0	0	0	0	45	0	0	0	0	0
BAKER UNIV	52	0	0	0	0	0	0	52	0	0	0	0	0
BARTON CNTY COMM JR COL	95	0	0	0	0	0	0	95	0	0	0	0	0
BENEDICTINE COLLEGE	63	0	0	0	0	0	0	43	0	0	20	0	0
BETHANY COL	57	0	0	0	0	0	0	54	0	0	3	0	0
BETHEL COL	361	0	0	0	0	0	0	361	0	0	0	0	0
BUTLER COUNTY COMM JR COL	91	0	0	0	0	0	0	91	0	0	0	0	0
CENTRAL COL	69	0	0	0	0	0	0	69	0	0	0	0	0
CLOUD COUNTY COMM JR COL	85	0	0	0	0	0	0	85	0	0	0	0	0
COFFEYVILLE COMM JR COL	91	0	0	0	0	0	0	91	0	0	0	0	0
COL OF EMPORIA	43	0	0	0	0	0	0	43	0	0	0	0	0
COLBY COMM JR COL	91	0	0	0	0	0	0	91	0	0	0	0	0
COWLEY COUNTY COMM JR COL	27	0	0	0	0	0	0	27	0	0	0	0	0
DOGGE CITY COMM JR COL	245	0	0	0	0	0	0	245	0	0	0	0	0
DONNELLY COL	108	0	0	0	0	0	0	108	0	0	0	0	0
FORT HAYS KANSAS ST COL	1,014	0	0	0	0	0	0	986	0	0	28	0	0
FORT SCOTT COMM JR COL	139	0	0	0	0	0	0	139	0	0	0	0	0
FRIENDS BIBLE COL	32	0	0	0	0	0	0	32	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AFC	COM	DOJ	DEO	EPA	HEH	INT	NASA	NSF	DOT	OTHER*
KANSAS													
FRIENDS UNIV	142	0	0	0	0	0	0	142	0	0	0	0	0
GARDEN CITY COMM JR COL	45	0	0	0	0	0	0	45	0	0	0	0	0
HESSTON COL	99	0	0	0	0	0	0	99	0	0	0	0	0
HIGHLAND COMM JR COL	18	0	0	0	0	0	0	18	0	0	0	0	0
HUTCHINSON COMM JR COL	231	0	0	0	0	0	0	231	0	0	0	0	0
INDEPENDENCE COMM JR COL	86	0	0	0	0	0	0	86	0	0	0	0	0
JOHNSON CO COMMUNITY COLL	430	0	0	0	0	0	0	430	0	0	0	0	0
KANS CITY KANS COM JR COL	153	0	0	0	0	0	0	153	0	0	0	0	0
KANS ST COL OF PITTSBURG	747	0	0	0	0	0	0	657	0	0	130	0	0
KANSAS STATE TCHRS COL	1,234	0	0	0	0	0	0	1,092	0	0	142	0	0
KANSAS STATE UNIV	9,240	3,819	476	0	256	0	72	3,364	222	23	918	4	166
KANSAS TECHNICAL INST	34	0	0	0	0	0	0	34	0	0	0	0	0
KANSAS WESLEYAN	138	0	0	0	0	0	0	136	0	0	2	0	0
LABETTE COMM JR COL	22	0	0	0	0	0	0	22	0	0	0	0	0
MANHATTAN CHRISTIAN COL	61	0	0	0	0	0	0	61	0	0	0	0	0
MARYMOUNT COL	480	0	0	0	0	0	0	480	0	0	0	0	0
MCPHERSON COL	72	0	0	0	0	0	0	72	0	0	0	0	0
MID-AMERICAN NAZARENE COL	75	0	0	0	0	0	0	75	0	0	0	0	0
MILTONVALE WESLEYAN COL	6	0	0	0	0	0	0	6	0	0	0	0	0
NEOSHO COUNTY COMM JR COL	36	0	0	0	0	0	0	36	0	0	0	0	0
OTTAWA UNIV	258	0	0	0	0	0	0	256	0	0	2	0	0
PRATT COMM JR COL	45	0	0	0	0	0	0	45	0	0	0	0	0
SACRED HEART COL	311	0	0	0	0	0	0	311	0	0	0	0	0
SEWARD CO COMMUNITY JR COL	118	0	0	0	0	0	0	118	0	0	0	0	0
SOUTHWESTERN COL	291	0	0	0	0	0	0	291	0	0	0	0	0
ST JOHNS COL	5	0	0	0	0	0	0	5	0	0	0	0	0
ST MARY COL	111	0	0	0	0	0	0	111	0	0	0	0	0
ST MARY OF THE PLAINS COL	84	0	0	0	0	0	0	84	0	0	0	0	0
STERLING COL	141	0	0	0	0	0	0	141	0	0	0	0	0
TABOR COL	105	0	0	0	0	0	0	105	0	0	0	0	0
UNIV OF KANSAS	21,113	0	186	0	154	0	0	17,997	0	794	1,982	0	0
WASHBURN UNIV OF TOPEKA	363	0	0	0	0	0	0	351	0	0	12	0	0
WICHITA STATE UNIV	1,978	0	15	10	100	0	0	1,791	0	3	39	0	20
KENTUCKY, TOTAL	42,681	8,494	40	0	295	0	17	31,483	242	540	1,390	100	0
ALICE LLOYD COL	954	0	0	0	0	0	0	954	0	0	0	0	0
ASBURY COL	124	0	0	0	0	0	0	96	0	0	28	0	0
ASBURY THEOL SEM	40	0	0	0	0	0	0	40	0	0	0	0	0
BELLAPINE-UPSULINE COL	463	0	0	0	0	0	0	454	0	0	9	0	0
BEREA COL	885	0	0	0	0	0	0	871	0	0	14	0	0
BRESCIA COL	103	0	0	0	0	0	0	103	0	0	0	0	0
CAMPBELLSVILLE COL	279	0	0	0	0	0	0	279	0	0	0	0	0
CENTRE COL OF KENTUCKY	142	0	0	0	0	0	0	157	0	0	25	0	0
CUMBERLAND COL	510	0	0	0	0	0	0	510	0	0	0	0	0
EASTERN KENTUCKY UNIV	1,794	0	0	0	0	0	0	1,734	0	0	60	0	0
GEORGETOWN COL	156	0	0	0	0	0	0	160	0	0	6	0	0
KENTUCKY CHRISTIAN COL	102	0	0	0	0	0	0	102	0	0	0	0	0
KENTUCKY STATE COL	1,883	858	0	0	0	0	0	1,016	0	0	9	0	0
KENTUCKY WESLEYAN COL	136	0	0	0	0	0	0	136	0	0	0	0	0
LESS JR COL	778	0	0	0	0	0	0	778	0	0	0	0	0
LINSEY WILSON COL	57	0	0	0	0	0	0	57	0	0	0	0	0
LOUISVILLE PRES THEOL SEM	29	0	0	0	0	0	0	29	0	0	0	0	0
MIDWAY JR COL	314	0	0	0	0	0	0	314	0	0	0	0	0
MOREHEAD STATE UNIV	2,169	0	3	0	0	0	0	2,106	0	0	60	0	0
MURRAY STATE UNIV	1,062	0	0	0	0	0	0	1,003	0	0	59	0	0
PIKEVILLE COL	189	0	0	0	0	0	0	189	0	0	0	0	0
SEMINARY OF ST PIUS X	17	0	0	0	0	0	0	17	0	0	0	0	0
SOUTHEASTN CHRISTIAN COL	26	0	0	0	0	0	0	26	0	0	0	0	0
SPALDING COLLEGE	362	0	0	0	0	0	0	362	0	0	0	0	0
ST CATHERINE COL	61	0	0	0	0	0	0	61	0	0	0	0	0
SUE BENNETT COL	54	0	0	0	0	0	0	64	0	0	0	0	0
THOMAS MORE COL	250	0	0	0	0	0	0	202	0	0	48	0	0
TRANSYLVANIA UNIVERSITY	41	0	0	0	0	0	0	41	0	0	0	0	0
UNION COL	330	0	0	0	0	0	0	330	0	0	0	0	0
UNIV OF KENTUCKY	21,046	7,636	37	0	172	0	17	11,751	242	521	610	100	0
UNIV OF LOUISVILLE	5,419	0	0	0	123	0	0	5,962	0	19	315	0	0
WESTERN KENTUCKY UNIV	1,726	0	0	0	0	0	0	1,579	0	0	147	0	0
LOUISIANA, TOTAL	54,026	5,946	211	721	1,070	51	329	44,180	125	713	4,005	150	505
CENTENARY COLL OF LOUIS	284	0	0	0	0	0	0	284	0	0	0	0	0
DELGADO VOC TECH JR COLL	839	0	0	0	0	0	0	828	0	0	11	0	0
DILLARD UNIV	1,175	0	0	0	0	0	0	1,170	0	0	5	0	0
GRAMBLING COL	3,432	0	24	0	0	0	0	2,947	0	47	444	0	0
LA ST U MED CTR N ORLEANS	5,208	0	0	0	2	0	0	5,183	0	0	23	0	0
LA ST UNIV BATON ROUGE	11,392	5,668	112	721	777	0	243	2,248	100	166	1,157	0	0
LA ST UNIV NEW ORLEANS	1,794	0	10	0	25	0	22	1,460	0	72	205	0	0

66

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
LOUISIANA													
LOUISIANA COL	92	0	0	0	0	0	0	92	0	0	0	0	0
LOUISIANA TECH UNIVERSITY	1,372	58	0	0	0	0	2	1,239	0	0	81	0	0
LOYOLA UNIV	793	0	0	0	0	0	0	661	0	5	127	0	0
LSU CENTRAL SYSTEM	1,020	0	0	0	0	0	33	950	19	0	13	0	0
MCNEESE STATE UNIVERSITY	800	0	0	0	0	0	0	764	0	0	36	0	0
NICHOLLS STATE UNIVERSITY	493	0	0	0	0	0	0	457	0	0	36	0	0
NORTHEAST LOUISIANA UNIV	2,355	0	0	0	0	0	0	2,319	0	0	36	0	0
NORTHWESTERN ST UNIV-LA	1,013	0	0	0	0	0	0	948	6	4	55	0	0
NOTRE DAME SEM	78	0	0	0	0	0	0	78	0	0	0	0	0
OUR LADY HOLY CROSS COL	12	0	0	0	0	0	0	12	0	0	0	0	0
SAINTE BERNARD PARISH CC	24	0	0	0	0	0	0	24	0	0	0	0	0
SOUTHEASTERN LA UNIV	461	0	0	0	0	0	0	452	0	0	9	0	0
SOUTHERN UNIV	5,931	228	65	0	33	0	0	4,442	0	55	493	115	500
ST JOSEPH SEM	27	0	0	0	0	0	0	27	0	0	0	0	0
ST MARYS DOMINICAN COL	29	0	0	0	0	0	0	29	0	0	0	0	0
TULANE UNIV	14,791	0	20	0	233	51	24	13,467	0	154	802	35	5
UNIV OF SOUTHWESTERN LA	1,440	0	0	0	0	0	0	1,425	0	0	15	0	0
XAVIER U OF LOUISIANA	3,201	0	0	0	0	0	0	2,774	0	5	422	0	0
MAINE, TOTAL	5,877	1,967	1	198	25	0	77	5,666	107	0	833	0	0
BATES COL	52	0	0	0	0	0	0	52	0	0	0	0	0
BOWDOIN COL	583	0	0	0	0	0	0	385	0	0	298	0	0
COLBY COL	154	0	0	0	0	0	0	72	0	0	82	0	0
HUSSON COL	66	0	0	0	0	0	0	66	0	0	0	0	0
MAINE MARITIME ACADEMY	170	0	0	0	0	0	0	170	0	0	0	0	0
MASSON COL	41	0	0	0	0	0	0	41	0	0	0	0	0
NORTHERN CONSERV OF MUSIC	1	0	0	0	0	0	0	1	0	0	0	0	0
RICKER COL	34	0	0	0	0	0	0	34	0	0	0	0	0
SOUTHERN ME VOC TECH INST	79	0	0	0	0	0	0	79	0	0	0	0	0
ST FRANCIS COL	71	0	0	0	0	0	0	71	0	0	0	0	0
ST JOSEPHS COL	37	0	0	0	0	0	0	37	0	0	0	0	0
THOMAS COL	87	0	0	0	0	0	0	87	0	0	0	0	0
U OF ME-PORTLAND-GORHAM	1,246	0	0	198	0	0	32	1,010	0	0	0	0	0
UNITY COLLEGE	41	0	0	0	0	0	0	41	0	0	0	0	0
UNIV MAINE, PRESQUE ISLE	174	0	0	0	0	0	0	174	0	0	0	0	0
UNIV OF MAINE GEN SYS	623	0	0	0	0	0	0	595	0	0	28	0	0
UNIV OF MAINE ORONO	4,604	1,967	1	0	24	0	45	2,079	107	0	377	0	0
UNIV OF MAINE-AUGUSTA	83	0	0	0	0	0	0	83	0	0	0	0	0
UNIV OF MAINE, FARMINGTON	395	0	0	0	0	0	0	357	0	0	38	0	0
UNIV OF MAINE, FORT KENT	72	0	0	0	0	0	0	72	0	0	0	0	0
UNIV OF MAINE, MACHIAS	73	0	0	0	0	0	0	73	0	0	0	0	0
UNIVERSITY OF ME-BANGOR	46	0	0	0	0	0	0	46	0	0	0	0	0
WESTBROOK COLLEGE	45	0	0	0	0	0	0	41	0	0	4	0	0
MARYLAND, TOTAL	96,468	3,312	3,014	339	3,841	1,383	183	67,810	150	5,252	8,434	0	2,750
ALLEGANY COMM COL	366	0	0	0	0	0	0	362	0	0	4	0	0
ANNE ARUNDEL COMM COL	75	0	0	0	0	0	0	75	0	0	0	0	0
BALTIMORE COL OF COMMERCE	32	0	0	0	0	0	0	32	0	0	0	0	0
BONIE STATE COL	897	0	0	0	0	0	0	849	0	39	9	0	0
CAPITOL INST OF TECH	15	0	0	0	0	0	0	15	0	0	0	0	0
CATONSVILLE COMM COL	179	0	0	0	0	0	0	167	0	0	12	0	0
CECIL COMMUNITY COLLEGE	92	0	0	0	0	0	0	92	0	0	0	0	0
CHARLES COUNTY COMM COL	212	0	0	0	0	0	64	34	0	0	114	0	0
CHESAPEAKE COLLEGE	80	0	0	0	0	0	0	72	0	0	8	0	0
COL OF NOTRE DAME OF MD	37	0	0	0	0	0	0	37	0	0	0	0	0
COLUMBIA UNION COL	200	0	0	0	0	0	0	182	0	10	8	0	0
COMM COL OF BALTIMORE	752	0	0	0	0	0	0	752	0	0	0	0	0
COPPIN STATE COL	2,347	0	0	0	0	0	0	2,347	0	0	0	0	0
ESSEX COMM COL	95	0	0	0	0	0	0	95	0	0	0	0	0
FREDERICK COMM COL	18	0	0	0	0	0	0	18	0	0	0	0	0
FROSTBURG STATE COL	286	0	0	0	0	0	0	278	0	0	8	0	0
GOUCHER COL	112	0	0	0	0	0	0	82	0	0	30	0	0
HAGERSTOWN JR COL	100	0	0	0	0	0	0	100	0	0	0	0	0
HARFORD COMMUNITY COLLEGE	175	0	0	0	0	0	0	158	0	0	17	0	0
HOOD COL	34	0	0	0	0	0	0	34	0	0	0	0	0
HOWARD CNTY CMTY COLLEGE	229	0	0	0	0	0	0	229	0	0	0	0	0
JOHNS HOPKINS UNIV	54,581	0	1,022	254	1,731	1,146	84	41,680	0	2,803	3,211	0	2,750
KIRKLAND HALL COLLEGE	14	0	0	0	0	0	0	14	0	0	0	0	0
LOYOLA COL	359	0	0	0	10	0	0	347	0	0	2	0	0
MARYLAND INST COL OF ART	112	0	0	0	0	0	0	112	0	0	0	0	0
MONTGOMERY COL-ROCKVILLE	433	0	0	0	0	0	0	433	0	0	0	0	0
MORGAN STATE COL	1,521	0	0	0	0	0	0	1,273	0	30	218	0	0
MT PROVIDENCE JR COL	4	0	0	0	0	0	0	4	0	0	0	0	0
MT ST AGNES COL	1	0	0	0	0	0	0	1	0	0	0	0	0
MT ST MARYS COL	80	0	0	0	0	0	0	78	0	0	2	0	0
NER ISRAEL RABBINICAL COL	116	0	0	0	0	0	0	116	0	0	0	0	0

100

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USOA	AEC	COM	DOO	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
MARYLAND													
PEABODY CONSERV OF MUSIC	17	0	0	0	0	0	0	17	0	0	0	0	0
PRINCE GEORGES COMM COL	296	0	0	0	0	0	0	286	0	0	0	0	0
SALISBURY STATE COL	54	0	0	0	0	0	0	54	0	0	0	0	0
ST JOHNS COL	29	0	0	0	0	0	0	29	0	0	0	0	0
ST JOSEPH COL	105	0	0	0	0	0	0	103	0	0	2	0	0
ST MARYS COL OF MD	70	0	0	0	0	0	0	46	0	0	0	0	0
ST MARYS SEM & UNIV	11	0	0	0	0	0	0	11	0	0	0	0	0
TOWSON STATE COL	395	0	0	0	0	0	0	393	0	0	2	0	0
UNIV OF BALTIMORE	144	0	0	0	0	0	0	144	0	0	0	0	0
UNIV OF MARYLAND GEN SYS	17	0	0	0	17	0	0	0	0	0	0	0	0
UNIV OF MD COLLEGE PARK	17,764	2,815	1,992	95	1,111	237	35	4,395	150	2,275	4,558	0	0
UNIV OF MD, BALY CNTY	326	0	0	0	6	0	0	216	0	0	104	0	0
UNIV OF MD, BALTIMORE	12,075	0	0	0	965	0	0	11,057	0	48	4	0	0
UNIV OF MD, ESTRN SHORE	1,178	497	0	0	0	0	0	633	0	46	2	0	0
VILLA JULIE COL	120	0	0	0	0	0	0	120	0	0	0	0	0
WASH BIBLE COL	14	0	0	0	0	0	0	14	0	0	0	0	0
WASHINGTON COL	44	0	0	0	0	0	0	44	0	0	0	0	0
WESTERN MARYLAND COL	145	0	0	0	0	0	0	136	0	0	9	0	0
MASSACHUSETTS, TOTAL	248,183	2,676	10,496	1,729	63,445	1,211	1,660	130,693	538	25,268	46,084	2,196	2,187
AMERICAN INTL COL	155	0	0	0	0	0	0	150	0	0	5	0	0
AMHERST COL	718	0	0	7	0	0	30	525	0	0	163	0	0
ANDOVER NEWTON THEOL SCH	109	0	0	0	0	0	0	109	0	0	0	0	0
ANNA MARIA COL FOR WOMEN	52	0	0	0	0	0	0	52	0	0	0	0	0
AQUINAS JR COLL OF BUS	26	0	0	0	0	0	0	26	0	0	0	0	0
ASSUMPTION COL	260	0	0	0	0	0	0	260	0	0	0	0	0
ATLANTIC UNION COL	231	0	0	0	0	0	0	231	0	0	0	0	0
BABSON COLLEGE	32	0	0	0	0	0	0	32	0	0	0	0	0
BAY PATH JR COL	50	0	0	0	0	0	0	50	0	0	0	0	0
BAY STATE JR COL BUSINESS	30	0	0	0	0	0	0	30	0	0	0	0	0
BECKER JR COL	10	0	0	0	0	0	0	10	0	0	0	0	0
BENTLEY COLLEGE	323	0	0	0	0	0	0	323	0	0	0	0	0
BERKLEE COLLEGE OF MUSIC	237	0	0	0	0	0	0	237	0	0	0	0	0
BERKSHIRE CHRISTIAN COL	42	0	0	0	0	0	0	42	0	0	0	0	0
BERKSHIRE COMM COL	140	0	0	0	0	0	0	140	0	0	0	0	0
BOSTON ARCHITECTURAL COL	27	0	0	0	0	0	0	27	0	0	0	0	0
BOSTON COL	6,450	0	42	13	1,150	0	0	4,887	0	0	27	0	0
BOSTON STATE COLLEGE	1,656	0	0	0	0	0	0	1,643	0	0	354	0	4
BOSTON UNIV	20,478	0	0	0	413	0	0	19,594	0	97	353	20	1
BRANFORDS UNIV	5,553	0	298	0	117	0	0	4,065	0	0	1,000	0	75
BRIDGEWATER STATE COLLEGE	324	0	0	0	0	0	0	253	0	0	71	0	0
BRISTOL COMM COL	650	0	0	0	0	0	0	650	0	0	0	0	0
BRYANT'S STRATTON JC-BUS	130	0	0	0	0	0	0	130	0	0	0	0	0
CAMBRIDGE JR COL	9	0	0	0	0	0	0	9	0	0	0	0	0
CAPE COD COMM COL	134	0	0	0	0	0	0	134	0	0	0	0	0
CARDINAL CUSHING COL	19	0	0	0	0	0	0	19	0	0	0	0	0
CLARK UNIV	1,396	2	49	0	0	0	0	1,205	10	12	118	0	0
COL OF OUR LADY OF ELMS	158	0	0	0	0	0	0	153	0	0	5	0	0
COL OF THE HOLY CROSS	433	0	0	0	0	0	0	354	0	0	79	0	0
CURRY COL	98	0	0	0	0	0	0	98	0	0	0	0	0
DEAN JR COL	46	0	0	0	0	0	0	46	0	0	0	0	0
EASTERN NAZARENE COL	493	0	0	0	0	0	0	454	0	0	39	0	0
EMERSON COL	545	0	0	0	0	0	0	542	0	0	3	0	0
EMMANUEL COL	478	0	0	0	140	0	0	284	0	0	14	0	0
EPISCOPAL THEOL SCHOOL	11	0	0	0	0	0	0	11	0	0	0	0	0
FISHER JR COL	10	0	0	0	0	0	0	10	0	0	0	0	0
FITCHBURG STATE COLLEGE	118	0	0	0	0	0	0	118	0	0	0	0	0
FORSYTH SCH DENT HYGNSTS	9	0	0	0	0	0	0	9	0	0	0	0	0
FRAMINGHAM STATE COLLEGE	137	0	0	0	0	0	0	128	0	0	9	0	0
GARLAND JR COL	19	0	0	0	0	0	0	19	0	0	0	0	0
GORDON COL	117	0	0	0	0	0	0	113	0	0	4	0	0
GORDON-CONNELL THEOL SEM	18	0	0	0	0	0	0	18	0	0	0	0	0
GRAHAM JR COL	157	0	0	0	0	0	0	157	0	0	0	0	0
GREENFIELD COMM COL	215	0	0	0	0	0	0	215	0	0	0	0	0
HAMPSHIRE COLLEGE	313	0	0	0	0	0	0	253	0	0	60	0	0
HARVARD UNIV	55,072	25	1,834	95	2,474	582	493	45,075	0	4,487	9,181	165	661
HEBREW TECHS COL	13	0	0	0	0	0	0	13	0	0	0	0	0
HELLENIC COL	61	0	0	0	0	0	0	61	0	0	0	0	0
HOLYOKE COMM COL	71	0	0	0	0	0	0	71	0	0	0	0	0
LASELL JR COL	59	0	0	0	0	0	0	59	0	0	0	0	0
LEICESTER JR COL	33	0	0	0	0	0	0	33	0	0	0	0	0
LESLEY COL	81	0	0	0	0	0	0	81	0	0	0	0	0
LOWELL STATE COLLEGE	273	0	0	0	0	0	0	271	0	0	2	0	0
LOWELL TECHNOLOGICAL INST	1,349	0	0	0	982	0	5	316	0	0	46	0	0
MASS BAY COMM COL	101	0	0	0	0	0	0	101	0	0	0	0	0
MASS COL OF ART	97	0	0	0	0	0	0	97	0	0	0	0	0
MASS COL OF OPTOMETRY	617	0	0	0	0	0	0	617	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
MASSACHUSETTS													
MASS COL OF PHARMACY	623	0	0	0	0	0	0	623	0	0	0	0	0
MASS INST OF TECH	112,472	10	7,254	1,117	46,797	0	650	14,916	275	20,088	18,557	1,413	1,385
MASS MARITIME ACAD	15	0	0	0	0	0	0	15	0	0	0	0	0
MASSADOIT COMM COL	122	0	0	0	0	0	0	120	0	0	2	0	0
MERRIMACK COL	167	0	0	0	0	0	0	160	0	0	7	0	0
MIDDLESEX COMMUNITY COL	58	0	0	0	0	0	0	68	0	0	0	0	0
MOUNT IDA JR COL	27	0	0	0	0	0	0	27	0	0	0	0	0
MOUNT WASHINGTON COMM COL	111	0	0	0	0	0	0	111	0	0	0	0	0
MT HOLYOKE COL	306	0	0	0	0	0	0	269	0	0	37	0	0
NEW ENGL CONSERV OF MUSIC	13	0	0	0	0	0	0	13	0	0	0	0	0
NEW ENGLAND SCHOOL OF LAW	37	0	0	0	0	0	0	37	0	0	0	0	0
NEWTON COLLEGE	536	0	0	0	0	0	0	130	0	0	176	0	0
NEWTON JR COL	27	0	0	0	0	0	0	27	0	0	0	0	0
NICHOLS COLLEGE	50	0	0	0	0	0	0	50	0	0	0	0	0
NORTH ADAMS STATE COLLEGE	121	0	0	0	0	0	0	121	0	0	0	0	0
NORTH SHORE COMM COL	443	0	0	0	0	0	0	443	0	0	0	0	0
NORTHAMPTON JR COLLEGE	18	0	0	0	0	0	0	18	0	0	0	0	0
NORTHEASTERN UNIV	6,392	0	0	0	950	472	0	4,265	0	129	477	50	49
NORTHERN ESSEX COMM COL	243	0	0	0	0	0	0	243	0	0	0	0	0
PERRY NORMAL SCH	74	0	0	0	0	0	0	74	0	0	0	0	0
PINE MANOR JR COL	6	0	0	0	0	0	0	6	0	0	0	0	0
QUINCY JR COL	61	0	0	0	0	0	0	61	0	0	0	0	0
QUINSIGAMOND COMM COL	332	0	0	0	0	0	0	332	0	0	0	0	0
RADCLIFFE COLLEGE	134	0	0	0	0	0	0	134	0	0	0	0	0
REGIS COL	518	0	0	0	248	0	0	224	0	0	12	34	0
SALEM STATE COLLEGE	680	0	0	0	0	0	0	680	0	0	0	0	0
SCH OF THE MUS FINE ARTS	48	0	0	0	0	0	0	48	0	0	0	0	0
SIMMONS COL	999	0	0	0	0	0	0	960	0	0	39	0	0
SIMON'S ROCK	1	0	0	0	0	0	0	1	0	0	0	0	0
SMITH COL	716	0	0	0	0	0	0	678	0	0	18	0	0
SOUTHEASTERN MASS UNIV	714	0	0	0	10	0	0	632	0	9	63	0	0
SPRINGFIELD COL	298	0	0	0	0	0	0	298	0	0	0	0	0
SPRINGFIELD TECH COMM COL	185	0	0	0	0	0	0	185	0	0	0	0	0
ST JOHNS SEM	24	0	0	0	0	0	0	24	0	0	0	0	0
STEVENS COLLEGE	10	0	0	0	0	0	0	10	0	0	0	0	0
STONEHILL COL	134	0	0	0	0	0	0	134	0	0	0	0	0
SUFFOLK UNIV	385	0	0	0	0	0	0	341	0	0	44	0	0
SWAIN SCH OF DESIGN	24	0	0	0	0	0	0	24	0	0	0	0	0
TUFTS UNIV	12,905	0	315	0	310	157	0	11,599	0	27	497	0	0
U MASS MED SCH-WORCESTER	409	0	0	0	0	0	0	388	0	0	21	0	0
UNIV-MASS AMHEPST CAMPUS	12,253	2,639	224	0	668	0	248	5,505	220	284	2,461	0	0
UNIV-MASS BOSTON CAMPUS	757	0	0	0	0	0	0	142	0	0	101	514	0
WELLESLEY COL	381	0	0	0	0	0	0	359	0	0	22	0	0
WENTWORTH COLLEGE OF TECH	67	0	0	0	0	0	0	67	0	0	0	0	0
WENTWORTH INST	1,598	0	0	0	1,437	0	0	140	0	0	21	0	0
WESTERN NEW ENGLAND COL	169	0	0	0	0	0	0	164	0	0	5	0	0
WESTFIELD STATE COLLEGE	322	0	0	0	0	0	0	293	0	0	29	0	0
WHEATON COL	54	0	0	0	0	0	0	47	0	0	7	0	0
WHEELOCK COL	107	0	0	0	0	0	0	107	0	0	0	0	0
WILLIAMS COL	454	0	0	15	29	0	0	167	0	0	231	0	12
WOODS HOLE OCEAN INST	19,527	0	455	489	7,585	0	146	131	0	127	10,594	0	0
WORCESTER JR COL	7	0	0	0	0	0	0	7	0	0	0	0	0
WORCESTER POLYTECH INST	1,590	0	31	0	95	0	74	265	33	8	1,080	0	0
WORCESTER STATE COLLEGE	236	0	0	0	0	0	0	236	0	0	0	0	0
MICHIGAN, TOTAL													
	141,409	6,581	4,244	1,136	9,052	590	1,124	93,572	308	5,810	16,198	1,065	1,725
ADRIAN COL	67	0	0	0	0	0	0	53	0	0	14	0	0
ALBION COL	148	0	0	0	0	0	0	144	0	0	4	0	0
ALMA COL	1,065	0	0	0	0	0	0	1,048	0	0	17	0	0
ALPENA COMM COL	240	0	0	0	0	0	0	240	0	0	0	0	0
ANDREWS UNIV	111	0	0	0	0	0	0	109	0	0	2	0	0
AQUINAS COL	142	0	0	0	0	0	0	142	0	0	0	0	0
BAY DE NOC COMM COL	133	0	0	0	0	0	0	133	0	0	0	0	0
CALVIN COL	653	0	0	0	24	0	0	420	0	0	9	0	0
CENTRAL MICH UNIV	1,027	0	0	0	0	0	0	934	0	0	93	0	0
CLEARY COL	21	0	0	0	0	0	0	21	0	0	0	0	0
CONCORDIA LUTHERAN JR COL	20	0	0	0	0	0	0	20	0	0	0	0	0
CRANBROOK ACAD OF ART	59	0	0	0	0	0	0	59	0	0	0	0	0
DAVENPORT COL OF BUSINESS	157	0	0	0	0	0	0	157	0	0	0	0	0
DELTA COL	618	0	0	0	0	0	0	610	0	0	8	0	0
DETROIT COL OF BUSINESS	84	0	0	0	0	0	0	84	0	0	0	0	0
DETROIT INST OF TECH	233	0	0	0	0	0	0	233	0	0	0	0	0
DUNS SCOTUS COL	7	0	0	0	0	0	0	7	0	0	0	0	0
EASTERN MICHIGAN UNIV	2,001	0	0	0	0	0	74	1,824	0	30	69	0	0
FERRIS ST COL	1,143	0	0	0	0	0	0	1,143	0	0	0	0	0
GENESSEE COMMUNITY COLLEGE	656	0	0	0	0	0	0	616	0	0	40	0	0
GLEN OAKS COMM COL	119	0	0	0	0	0	0	119	0	0	0	0	0

102

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOE	OEI	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
MICHIGAN													
GOSPERIC COMM COL	164	0	0	0	0	0	0	164	0	0	0	0	0
GRAND RAPIDS BAPT COL	37	0	0	0	0	0	0	37	0	0	0	0	0
GRAND RAPIDS JR COL	410	0	0	0	0	0	0	408	0	0	2	0	0
GRAND VALLEY STATE COL	1,030	0	0	0	0	0	0	1,025	0	0	5	0	0
HENRY FORD COMM COL	151	0	0	0	0	0	0	151	0	0	0	0	0
HIGHLAND PARK COLLEGE	590	0	0	0	0	0	0	690	0	0	0	0	0
HILLSDALE COL	74	0	0	0	0	0	0	74	0	0	0	0	0
HOPE COL	627	0	0	0	0	0	14	336	0	0	277	0	0
JACKSON COMM COL	334	0	0	0	0	0	0	334	0	0	0	0	0
KALAMAZOO COL	202	0	0	0	0	0	0	193	0	0	9	0	0
KALAMAZOO VALLEY COMM COL	88	0	0	0	0	0	0	88	0	0	0	0	0
KELLOGG COMM COL	134	0	0	0	0	0	0	138	0	0	0	0	0
KIRTLAND COMM COL	51	0	0	0	0	0	0	51	0	0	0	0	0
LAKE MICHIGAN COL	237	0	0	0	0	0	0	235	0	0	2	0	0
LAKE SUPERIOR STATE COL	1,159	0	0	0	0	0	0	1,157	0	0	2	0	0
LANSING COMM COL	562	0	0	0	0	0	0	562	0	0	0	0	0
LAWRENCE INST OF TECH	53	0	0	0	0	0	0	53	0	0	0	0	0
MACOMB COUNTY COMM COL	821	0	0	0	0	0	0	821	0	0	0	0	0
MADONNA COL	145	0	0	0	0	0	0	145	0	0	0	0	0
MARYGROVE COL	234	0	0	0	0	0	0	238	0	0	0	0	0
MELBY COL OF DETROIT	500	0	0	0	0	0	0	492	0	0	8	0	0
MERRILL-PALMER INST	23	0	0	0	0	0	0	23	0	0	0	0	0
MICH COL OSTEOPATHIC MED	31	0	0	0	31	0	0	0	0	0	0	0	0
MICH TECHNOLOGICAL UNIV	769	43	165	0	80	0	0	335	15	0	131	0	0
MICHIGAN CHRISTIAN JR COL	20	0	0	0	0	0	0	20	0	0	0	0	0
MICHIGAN STATE UNIV	24,349	6,393	1,594	0	164	0	419	14,164	270	321	4,870	0	150
MID-MICH COMMUNITY COL	51	0	0	0	0	0	0	51	0	0	0	0	0
MONROE COUNTY COMM COL	81	0	0	0	0	0	0	81	0	0	0	0	0
MONTCALM COMMUNITY COL	41	0	0	0	0	0	0	41	0	0	0	0	0
MUSKEGON BUSINESS COL	31	0	0	0	0	0	0	31	0	0	0	0	0
MUSKEGON COMMUNITY COL	119	0	0	0	0	0	0	119	0	0	0	0	0
NAZARETH COL	152	0	0	0	0	0	0	150	0	0	2	0	0
NORTH CENTRAL MICH COL	35	0	0	0	0	0	0	35	0	0	0	0	0
NORTHERN MICHIGAN UNIV	996	4	0	0	0	0	0	759	0	0	83	0	150
NORTHWESTERN MICH COL	81	0	0	0	0	0	0	81	0	0	0	0	0
NORTHWOOD INST	139	0	0	0	0	0	0	139	0	0	0	0	0
OAKLAND COMM COL	984	0	0	0	0	0	0	901	0	0	3	0	0
OAKLAND UNIV	1,934	9	50	0	0	0	0	1,725	0	30	99	0	0
OLIVET COL	122	0	0	0	0	0	0	120	0	0	2	0	0
OWOSSO COL	112	0	0	0	0	0	0	112	0	0	0	0	0
SACRED HEART SEM	49	0	0	0	0	0	0	49	0	0	0	0	0
SAGINAW VALLEY COL	247	0	0	0	0	0	0	247	0	0	0	0	0
SCAGOLECRAFT COL	215	0	0	0	0	0	0	213	0	0	2	0	0
SHAW COLLEGE AT DETROIT	1,424	0	0	0	0	0	0	1,424	0	0	0	0	0
SIENA HEIGHTS COL	213	0	0	0	0	0	0	213	0	0	0	0	0
SOCIETY OF ARTS & CRAFTS	8	0	0	0	0	0	0	8	0	0	0	0	0
SOUTHWESTERN MICH COL	97	0	0	0	0	0	0	96	0	0	1	0	0
SPRING ARBOR COL	79	0	0	0	0	0	0	79	0	0	0	0	0
ST CLAIR COUNTY COMM COL	384	0	0	0	0	0	0	382	0	0	2	0	0
ST MARYS COL	7	0	0	0	0	0	0	7	0	0	0	0	0
SUOMI COL	483	0	0	0	0	0	0	483	0	0	0	0	0
UNIV OF DETROIT	1,559	0	0	0	30	0	0	1,529	0	0	100	0	0
UNIV OF MICHIGAN	66,410	141	2,288	1,136	4,131	590	617	37,248	23	5,414	8,772	1,025	1,425
WALSH COL ACCTG&BUS ADMIN	11	0	0	0	0	0	0	11	0	0	0	0	0
WASHTENAW COMM COL	166	0	0	0	0	0	0	166	0	0	0	0	0
WAYNE COUNTY CMTY COLLEGE	1,092	0	0	0	0	0	0	1,092	0	0	0	0	0
WAYNE STATE UNIV	14,461	0	143	0	544	0	0	12,584	0	15	1,135	40	0
WEST SHORE COMMUNITY COLL	496	0	0	0	0	0	0	496	0	0	0	0	0
WESTERN MICH UNIV	3,123	0	0	0	49	0	0	2,640	0	0	435	0	0
MINNESOTA, TOTAL													
ANDKA-RAMSEY ST JR COL	125	0	0	0	0	0	0	125	0	0	0	0	0
AUSSBURG COL	268	0	0	0	0	0	0	264	0	0	4	0	0
AUSTIN ST JUNIOR COLLEGE	142	0	0	0	0	0	0	142	0	0	0	0	0
BEHNDJI STATE COL	1,043	0	0	0	0	0	18	966	0	0	59	0	0
BETHANY LUTHERAN COL	18	0	0	0	0	0	0	18	0	0	0	0	0
BETHEL COL & SEM	124	0	0	0	0	0	0	122	0	0	2	0	0
BRAINERD ST JUNIOR COL	145	0	0	0	0	0	0	145	0	0	0	0	0
CARLETON COL	235	0	0	0	0	0	0	191	0	0	44	0	0
COL OF ST BENEDICT	655	0	0	0	0	0	0	655	0	0	0	0	0
COL OF ST CATHERINE	325	0	0	0	0	0	0	325	0	0	0	0	0
COL OF ST SCHOLASTICA	304	0	0	0	0	0	0	302	0	0	2	0	0
COL OF ST TERESA	504	0	0	0	0	0	0	388	0	0	116	0	0
COL OF ST THOMAS	251	0	0	0	0	0	0	251	0	0	0	0	0
CONCORDIA COL, MOORHEAD	330	0	0	0	0	0	0	324	0	0	6	0	0
CONCORDIA COL, ST PAUL	103	0	0	0	0	0	0	103	0	0	0	0	0
CROSTER SEM	14	0	0	0	0	0	0	14	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
MINNESOTA													
FERGUS FALLS STATE JR COL	48	0	0	0	0	0	0	46	0	0	2	0	0
GOLDEN VALLEY LUTHRAN COL	24	0	0	0	0	0	0	24	0	0	0	0	0
GUSTAVUS ADOLPHUS COL	231	0	0	0	0	0	0	205	0	0	26	0	0
HAMLIN UNIV	544	0	0	0	0	0	0	365	0	0	179	0	0
HIBBING STATE JR COLLEGE	102	0	0	0	0	0	0	102	0	0	0	0	0
INVER HILLS ST JR COLLEGE	48	0	0	0	0	0	0	40	0	0	0	0	0
ITASCA STATE JR COLLEGE	78	0	0	0	0	0	0	78	0	0	0	0	0
LAKEWOOD STATE JR COL	116	0	0	0	0	0	0	116	0	0	0	0	0
LEA COLLEGE	81	0	0	0	0	0	0	81	0	0	0	0	0
LUTHER THEOL SEM	31	0	0	0	0	0	0	31	0	0	0	0	0
MACALESTER COL	554	0	0	0	0	0	0	547	0	0	7	0	0
MANKATO STATE COL	1,154	0	0	0	0	0	0	1,069	0	0	85	0	0
MARTIN LUTHER COL	22	0	0	0	0	0	0	22	0	0	0	0	0
MESABI STATE JR COL	160	0	0	0	0	0	0	160	0	0	0	0	0
METROPOLITAN ST JR COL	252	0	0	0	0	0	0	252	0	0	0	0	0
MINNEAPOLIS C-ART DESIGN	399	0	0	0	0	0	0	399	0	0	0	0	0
MOORHEAD STATE COL	756	0	0	0	0	0	0	743	0	0	13	0	0
NORMAN DALE STATE JR COL	102	0	0	0	0	0	0	100	0	0	2	0	0
NORTH CENTRAL BIBLE COL	31	0	0	0	0	0	0	31	0	0	0	0	0
NORTH MENNEPIN ST JR COL	91	0	0	0	0	0	0	81	0	0	0	0	0
NORTHLAND STATE JR COL	60	0	0	0	0	0	0	60	0	0	0	0	0
RAINY RIVER STATE JR COL	32	0	0	0	0	0	0	32	0	0	0	0	0
ROCHESTER ST JR COLL	431	0	0	0	0	0	0	431	0	0	0	0	0
SOUTHWEST MINN STATE COL	694	0	0	0	0	0	0	664	0	0	20	0	0
ST CLOUD STATE COL	1,405	1	0	0	0	0	0	1,326	0	0	79	0	0
ST JOHNS UNIV	563	0	0	0	0	0	0	563	0	0	0	0	0
ST MARYS COL	208	0	0	0	0	0	0	127	0	0	81	0	0
ST MARYS JR COL	316	0	0	0	0	0	0	308	0	0	8	0	0
ST OLAF COL	271	0	0	0	0	0	0	233	0	0	38	0	0
ST PAUL SEM	7	0	0	0	0	0	0	7	0	0	0	0	0
UNIV OF MINNESOTA	54,246	5,478	1,440	0	2,056	398	737	42,844	547	2,590	4,541	115	3,500
VERMILION STATE JR COL	52	0	0	0	0	0	0	52	0	0	0	0	0
WILLMAR ST COMMUNITY COL	174	0	0	0	0	0	0	174	0	0	0	0	0
WINONA STATE COL	416	0	0	0	0	0	0	399	7	0	10	0	0
WORTHINGTON ST JR COLL	61	0	0	0	0	0	0	61	0	0	0	0	0
MISSISSIPPI, TOTAL	40,905	7,959	20	87	208	452	538	28,475	122	313	2,731	0	0
ALCORN AGR & MECH COL	1,990	824	0	0	0	0	0	1,115	0	0	51	0	0
BELHAVEN COL	137	0	0	0	0	0	0	137	0	0	0	0	0
BLUE MOUNTAIN COL	53	0	0	0	0	0	0	53	0	0	0	0	0
CLARKE MEMORIAL COL	8	0	0	0	0	0	0	8	0	0	0	0	0
COAHOMA JR COL	484	0	0	0	0	0	0	484	0	0	0	0	0
COPIAH-L INCOLN JR COL	52	0	0	0	0	0	0	52	0	0	0	0	0
DELTA STATE COL	888	0	0	0	0	0	0	842	0	0	46	0	0
EAST CENTRAL JR COL	39	0	0	0	0	0	0	39	0	0	0	0	0
EAST MISS JR COL	195	0	0	0	0	0	0	190	0	0	5	0	0
HINDS JR COL	284	0	0	0	0	0	0	284	0	0	0	0	0
HOLMES JR COL	143	0	0	0	0	0	0	181	0	0	2	0	0
ITAWAMBA JR COL	218	0	0	0	0	0	0	218	0	0	0	0	0
JACKSON STATE COL	2,119	0	0	0	0	0	0	2,029	0	32	58	0	0
JONES COUNTY JR COL	239	0	0	0	0	0	0	239	0	0	0	0	0
MARY HOLMES COLLEGE	1,229	0	0	0	0	452	0	766	0	0	11	0	0
MERIDIAN JR COL	544	0	0	0	0	0	0	544	0	0	0	0	0
HILLSAPS COL	290	0	0	0	0	0	0	290	0	0	0	0	0
MISS DELTA JR COL	102	0	0	0	0	0	0	102	0	0	0	0	0
MISS GLF CST JR COL JST	91	0	0	0	0	0	0	93	0	0	0	0	0
MISS ST COL FOR WOMEN	231	0	0	0	0	0	0	231	0	0	0	0	0
MISS VALLEY ST COL	1,803	0	0	0	0	0	20	1,734	0	0	49	0	0
MISSISSIPPI COL	335	0	0	0	0	0	0	319	0	0	16	0	0
MISSISSIPPI INDUS COL	144	0	0	0	0	0	0	144	0	0	0	0	0
MISSISSIPPI STATE UNIV	10,363	6,967	0	5	42	0	518	2,286	122	132	291	0	0
NATCHEZ JR COL	103	0	0	0	0	0	0	103	0	0	0	0	0
NORTHEAST MISS JR COL	259	0	0	0	0	0	0	259	0	0	0	0	0
NORTHWEST MISS JR COL	251	0	0	0	0	0	0	251	0	0	0	0	0
PEARL RIVER JR COL	133	0	0	0	0	0	0	133	0	0	0	0	0
PERKINSON COL	9	0	0	0	0	0	0	9	0	0	0	0	0
PRENTISS NORM & IND INST	247	0	0	0	0	0	0	287	0	0	0	0	0
RUST COL	2,227	0	0	0	0	0	0	1,556	0	0	671	0	0
SAINTS JR COL	36	0	0	0	0	0	0	36	0	0	0	0	0
SOUTHWEST MISS JR COL	24	0	0	0	0	0	0	24	0	0	0	0	0
TOUGALOO COL	1,273	0	0	0	0	0	0	712	0	0	561	0	0
UNIV OF MISSISSIPPI	11,057	168	20	78	166	0	0	9,784	0	15	174	0	0
UNIV OF SOUTHERN MISS	2,444	0	0	12	0	0	0	2,172	0	134	130	0	0
UTICA JR COL	429	0	0	0	0	0	0	429	0	0	0	0	0
WILLIAM CAREY COL	290	0	0	0	0	0	0	284	0	0	6	0	0
WOOD JR COL	56	0	0	0	0	0	0	56	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
MISSOURI, TOTAL	93,450	7,108	357	26	2,356	311	162	75,915	358	1,160	5,249	190	258
AVILA COL	889	0	0	0	0	0	0	889	0	0	0	0	0
CENTRAL BIBLE COLLEGE	177	0	0	0	0	0	0	177	0	0	0	0	0
CENTRAL INST OF TECHN	16	0	0	0	0	0	0	16	0	0	0	0	0
CENTRAL METHODIST COL	57	0	0	0	0	0	0	57	0	0	0	0	0
CENTRAL MO STATE COL	850	0	0	0	0	0	0	850	0	0	0	0	0
COLUMBIA COLLEGE	46	0	0	0	0	0	0	44	0	0	2	0	0
CONCORDIA SEMINARY	157	0	0	0	0	0	0	157	0	0	0	0	0
COTTEY COL	18	0	0	0	0	0	0	18	0	0	0	0	0
CROWDER COL	117	0	0	0	0	0	0	117	0	0	0	0	0
DULVER-STOCKTON COL	114	0	0	0	0	0	0	114	0	0	0	0	0
DRURY COL	177	0	0	0	0	0	0	170	0	0	7	0	0
E CENTRAL JUNIOR COLLEGE	75	0	0	0	0	0	0	75	0	0	0	0	0
EDEM THEOLOGICAL SEMINARY	26	0	0	0	0	0	0	26	0	0	0	0	0
EVANGEL COL	319	0	0	0	0	0	0	319	0	0	0	0	0
FONTBONNE COL	230	0	0	0	0	0	0	230	0	0	0	0	0
HARRIS TCNRS COL	247	0	0	0	0	0	0	247	0	0	0	0	0
IMMACULATE CONCEPTION SEM	19	0	0	0	0	0	0	19	0	0	0	0	0
JEFFERSON COL	40	0	0	0	0	0	0	40	0	0	0	0	0
KANSAS CITY ART INST	278	0	0	0	0	0	0	278	0	0	0	0	0
KANSAS CITY COL OSTED MED	1,228	0	0	0	0	0	0	1,228	0	0	0	0	0
KIRKSVILLE COL OSTED MED	1,407	0	0	0	0	0	0	1,407	0	0	0	0	0
LINCOLN UNIV	2,051	855	0	0	0	0	0	1,178	0	0	18	0	0
LINDENWOOD COL	44	0	0	0	0	0	0	37	0	0	7	0	0
LONGVIEW COMMUNITY COL	151	0	0	0	0	0	0	151	0	0	0	0	0
MAPLE WOODS COMMUNITY COL	128	0	0	0	0	0	0	128	0	0	0	0	0
MARILLAC COL	6	0	0	0	0	0	0	6	0	0	0	0	0
MARYVILLE COL SAC HEART	227	0	0	0	0	0	0	227	0	0	0	0	0
MINERAL AREA COL	216	0	0	0	0	0	0	216	0	0	0	0	0
MISSOURI BAPTIST COL	74	0	0	0	0	0	0	72	0	0	2	0	0
MISSOURI SOUTHERN COL	621	0	0	0	0	0	0	621	0	0	0	0	0
MISSOURI VALLEY COL	127	0	0	0	0	0	0	127	0	0	0	0	0
MISSOURI WESTERN COL	493	0	0	0	0	0	0	491	0	0	2	0	0
MOBERLY JR COL	17	0	0	0	0	0	0	17	0	0	0	0	0
NAZARENE THEOLOGICAL SEM	7	0	0	0	0	0	0	7	0	0	0	0	0
NORTHFAST MO ST COL	643	0	0	0	0	0	0	590	0	0	53	0	0
NORTHWEST MO STATE UNIV	723	0	0	0	0	0	0	693	0	0	30	0	0
NOTRE DAME COL	2	0	0	0	0	0	0	2	0	0	0	0	0
PARK COL	347	0	0	0	0	0	0	345	0	0	2	0	0
PENN VALLEY COMMUNITY COL	333	0	0	0	0	0	0	333	0	0	0	0	0
ROCKHURST COL	432	0	0	0	29	0	0	403	0	0	0	0	0
SCHOOL OF THE OZARKS	327	0	0	0	0	0	0	327	0	0	0	0	0
SOUTHEAST MO STATE COL	342	0	0	0	0	0	0	327	0	0	15	0	0
SOUTHWEST BAPTIST COL	349	0	0	0	0	0	0	346	0	0	3	0	0
SOUTHWEST MO STATE COL	772	0	0	0	0	0	0	727	0	0	45	0	0
ST LOUIS COL OF PHARMACY	124	0	0	0	0	0	0	124	0	0	0	0	0
ST LOUIS JR COLLEGE DIST	2,611	0	0	0	0	0	0	2,508	0	0	103	0	0
ST LOUIS UNIV	10,920	0	0	10	394	197	0	9,710	0	10	417	0	172
ST MARYS COL OF OFALLON	85	0	0	0	0	0	0	85	0	0	0	0	0
ST PAUL SCH OF THEOLOGY	39	0	0	0	0	0	0	39	0	0	0	0	0
ST PAULS COL	41	0	0	0	0	0	0	41	0	0	0	0	0
STEPHENS COL	65	0	0	0	0	0	0	65	0	0	0	0	0
TARKIO COL	228	0	0	0	0	0	0	228	0	0	0	0	0
THREE RIVERS JR COL	285	0	0	0	0	0	0	285	0	0	0	0	0
TRENTON JR COL	56	0	0	0	0	0	0	56	0	0	0	0	0
UNIV OF MISSOURI COLUMBIA	20,532	6,253	72	6	502	114	138	11,740	191	193	1,347	0	86
UNIV OF MISSOURI KAN CITY	4,297	0	0	0	61	0	0	4,105	0	23	69	0	0
UNIV OF MISSOURI ROLLA	1,740	0	19	0	158	0	4	412	145	111	891	0	0
UNIV OF MISSOURI ST LOUIS	1,020	0	0	0	54	0	0	675	0	0	101	190	0
UNIV OF MO GEN SYS	2,110	0	0	0	0	0	0	2,101	0	0	0	0	0
WASHINGTON UNIV	73,544	0	265	10	1,168	0	20	29,153	0	817	2,115	0	0
WEBSTER COL	367	0	0	0	0	0	0	367	0	0	0	0	0
WESTMINSTER COL	135	0	1	0	0	0	0	134	0	0	0	0	0
WILLIAM JEWELL COL	147	0	0	0	0	0	0	147	0	0	0	0	0
WILLIAM WOODS COL	91	0	0	0	0	0	0	91	0	0	0	0	0
MONTANA, TOTAL	12,973	2,425	71	0	72	0	265	8,524	440	95	1,081	0	0
CARROLL COL	855	0	0	0	0	0	0	844	0	0	11	0	0
COL OF GREAT FALLS	144	0	0	0	0	0	0	143	0	0	1	0	0
DAWSON COL	99	0	0	0	0	0	0	99	0	0	0	0	0
EASTERN MONTANA COL	973	0	0	0	0	0	0	960	0	0	13	0	0
FLATHEAD VALLEY COMM COL	235	0	0	0	0	0	0	235	0	0	0	0	0
MILFS COMMUNITY COL	133	0	0	0	0	0	0	133	0	0	0	0	0
MONTANA COL MINERAL SCI	357	0	0	0	0	0	0	348	0	0	9	0	0
MONTANA STATE UNIV	6,193	2,292	33	0	72	0	101	2,555	391	82	677	0	0
NORTHERN MONTANA COL	297	0	0	0	0	0	0	242	0	0	55	0	0
ROCKY MOUNTAIN COL	451	0	0	0	0	0	0	451	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOO	OEO	EPA	HEW	IAT	NASA	NSF	DOT	OTHER*
MONTANA													
UNIV OF MONTANA	2,944	133	38	0	0	0	164	2,222	59	13	315	0	0
WESTERN MONTANA COL	292	0	0	0	0	0	0	282	0	0	0	0	0
NEBRASKA, TOTAL	27,091	3,701	48	20	78	0	68	21,321	238	199	1,113	0	295
BELLEVUE COLLEGE	116	0	0	0	0	0	0	116	0	0	0	0	0
CENTRAL NEB TECHNICAL COL	131	0	0	0	0	0	0	131	0	0	0	0	0
SHADRON STATE COL	979	0	0	0	0	0	0	967	0	0	12	0	0
COL OF ST MARY	330	0	0	0	0	0	0	330	0	0	0	0	0
CONCORDIA TCHRS COL	100	0	0	0	0	0	0	94	0	0	6	0	0
CREIGHTON UNIV	3,724	0	0	0	0	0	0	3,617	0	0	107	0	0
DANA COL	146	0	0	0	0	0	23	91	0	0	35	0	0
DOANE COL	236	0	0	0	0	0	3	234	52	0	0	0	0
FAIRBURY JP COL	70	0	0	0	0	0	0	70	0	0	0	0	0
HASTINGS COL	120	0	0	0	0	0	0	113	0	0	7	0	0
HIRSH SCOTT COL	3	0	0	0	0	0	0	3	0	0	0	0	0
JOHN F KENNEDY COL	64	0	0	0	0	0	0	64	0	0	0	0	0
KEARNEY STATE COL	503	0	0	0	0	0	0	491	0	0	12	0	0
MCCOOK COLLEGE	44	0	0	0	0	0	0	44	0	0	0	0	0
MIDLAND LUTHERAN COL	189	0	0	0	0	0	0	189	0	0	0	0	0
NEBRASKA WESLEYAN UNIV	253	0	0	0	0	0	0	159	0	0	94	0	0
NEBRASKA WESTERN COLLEGE	169	0	0	0	0	0	0	169	0	0	0	0	0
NORTH PLATTE JP COL	28	0	0	0	0	0	0	28	0	0	0	0	0
NORTHEASTERN NEBRASKA COL	122	0	0	0	0	0	0	122	0	0	0	0	0
PERU STATE COL	169	0	0	0	0	0	0	169	0	0	0	0	0
PLATTE JP COL	69	0	0	0	0	0	0	69	0	0	0	0	0
U OF NEB MED CTR AT OMAHA	4,978	0	0	0	0	0	0	4,908	0	0	70	0	0
UNION COL	101	0	0	0	0	0	0	101	0	0	0	0	0
UNIV OF NEBRASKA GEN SYS	308	0	0	0	0	0	0	0	0	0	13	0	295
UNIV OF NEBRASKA-LINCOLN	12,966	3,701	48	20	78	0	0	7,995	186	199	739	0	0
UNIV OF NEBRASKA-OMAHA	722	0	0	0	0	0	48	656	0	0	18	0	0
WAYNE STATE COL	266	0	0	0	0	0	0	266	0	0	0	0	0
YORK COL	125	0	0	0	0	0	0	125	0	0	0	0	0
NEVADA, TOTAL	6,978	1,098	371	46	286	0	289	3,248	1,029	10	601	0	0
DESERT RESEARCH INSTITUTE	1,021	0	0	28	0	0	242	0	340	0	411	0	0
ELKO COMMUNITY COLLEGE	79	0	0	0	0	0	0	79	0	0	0	0	0
SIERRA NEVADA COLLEGE	23	0	0	0	0	0	0	23	0	0	0	0	0
UNIV OF NEV RENO CAMPUS	4,998	1,053	314	18	286	0	12	2,529	689	0	97	0	0
UNIV OF NEVADA GEN SYS	79	0	0	0	0	0	0	0	0	0	79	0	0
UNIV OF NEVADA LAS VEGAS	778	45	57	0	0	0	35	617	0	10	14	0	0
NEW HAMPSHIRE, TOTAL	16,652	1,312	50	524	260	0	50	11,906	100	721	1,729	0	0
RELKAP COL	73	0	0	0	0	0	0	73	0	0	0	0	0
COLBY JR COL FOR WOMEN	27	0	0	0	0	0	0	27	0	0	0	0	0
DARTMOUTH COL	8,169	0	50	0	82	0	45	5,860	0	149	983	0	0
FRANCONIA COL	52	0	0	0	0	0	0	52	0	0	0	0	0
FRANKLIN PIERCE COL	160	0	0	0	60	0	0	90	0	0	10	0	0
KEENE STATE COLLEGE	220	0	0	0	0	0	0	220	0	0	0	0	0
MT ST MARY COL	109	0	0	0	0	0	0	109	0	0	0	0	0
N H VOC INST MANCHESTER	10	0	0	0	0	0	0	10	0	0	0	0	0
N H VOC INST PORTSMOUTH	7	0	0	0	0	0	0	7	0	0	0	0	0
NATHANIEL HAWTHORNE COL	107	0	0	0	0	0	0	107	0	0	0	0	0
NEH ENGLAND AERONAUT INST	73	0	0	0	0	0	0	73	0	0	0	0	0
NEW ENGLAND COL	321	0	0	0	0	0	0	316	0	0	5	0	0
NEW HAMPSHIRE COLLEGE	221	0	0	0	0	0	0	203	0	0	18	0	0
NEW HAMPSHIRE TECH INST	57	0	0	0	0	0	0	57	0	0	0	0	0
NOTRE DAME COL	244	0	0	0	0	0	0	244	0	0	0	0	0
PLYMOUTH STATE COLLEGE	308	0	0	0	0	0	0	282	0	0	25	0	0
RIVIER COL	55	0	0	0	0	0	0	55	0	0	0	0	0
ST ANSEL M'S COL	504	0	0	0	0	0	0	490	0	0	14	0	0
UNIV OF N H DURHAM	5,914	1,312	0	524	118	0	5	2,610	100	572	673	0	0
WHITE PINE'S COLLEGE	21	0	0	0	0	0	0	21	0	0	0	0	0
NEW JERSEY, TOTAL	67,660	2,854	2,118	1,030	3,637	0	489	45,448	172	3,005	8,246	647	14
ALPHONSUS COL	29	0	0	0	0	0	0	29	0	0	0	0	0
ATLANTIC COMM COL	173	0	0	0	0	0	0	173	0	0	0	0	0
BERGEN COMMUNITY COLLEGE	172	0	0	0	0	0	0	172	0	0	0	0	0
BETH MEDRASH GEVONHA AHER	277	0	0	0	0	0	0	277	0	0	0	0	0
BLOOMFIELD COL	562	0	0	0	0	0	0	560	0	0	2	0	0
BROOKDALE COMMUNITY COLL	324	0	0	0	0	0	0	324	0	0	0	0	0
BURLINGTON COUNTY COL	167	0	0	0	0	0	0	167	0	0	0	0	0
CALDWELL COLLEGE	89	0	0	0	0	0	0	89	0	0	0	0	0
CAMDEN COUNTY COL	444	0	0	0	0	0	0	444	0	0	0	0	0
COL OF MED & DENT OF N J	8,692	0	0	0	0	0	0	8,665	0	0	27	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
NEW JERSEY													
COL OF ST ELIZARETH	250	0	0	0	0	0	0	250	0	0	0	0	0
COUNTY COL OF MORRIS	283	0	0	0	0	0	0	283	0	0	0	0	0
CUMBERLAND COUNTY COL	355	0	0	0	0	0	0	355	0	0	0	0	0
DON BOSCO COL	12	0	0	0	0	0	0	12	0	0	0	0	0
DREW UNIV	235	0	0	0	0	0	0	163	0	0	72	0	0
ENGLEWOOD CLIFFS COLLEGE	37	0	0	0	0	0	0	37	0	0	0	0	0
ESSEX COUNTY COLLEGE	1,753	0	0	0	0	0	0	1,753	0	0	0	0	0
FAIRFIELD DICKINSON UNIV	1,448	0	0	0	55	0	0	1,224	0	0	209	0	0
FELICIAN COL	34	0	0	0	0	0	0	34	0	0	0	0	0
GEORGIAN COURT COL	64	0	0	0	0	0	0	33	0	0	31	0	0
GLASSBORO STATE COL	1,050	0	0	0	0	0	0	1,050	0	0	0	0	0
GLOUCESTER COUNTY COL	168	0	0	0	0	0	0	168	0	0	0	0	0
JERSEY CITY STATE COL	1,079	0	0	0	0	0	0	1,079	0	0	0	0	0
LUTHER COL BIBLE LIB ARTS	41	0	0	0	0	0	0	41	0	0	0	0	0
MERCER COUNTY COMM COL	276	0	0	0	0	0	0	276	0	0	0	0	0
MIDDLESEX COUNTY COL	425	0	0	0	0	0	6	406	0	0	13	0	0
MONMOUTH COL	258	0	0	0	0	0	0	259	0	0	9	0	0
MONTCLAIR STATE COL	1,470	0	0	4	6	0	0	1,324	0	0	136	0	0
NEWARK COL OF ENGINEERING	240	0	0	0	12	0	0	185	0	0	83	0	0
NEWARK STATE COL	402	0	0	0	0	0	0	402	0	0	0	0	0
NORTHEASTERN COL BIBLE IN	24	0	0	0	0	0	0	24	0	0	0	0	0
OCEAN COUNTY COL	119	0	0	0	0	0	0	119	0	0	0	0	0
PASSAIC COUNTY CMTY COL	210	0	0	0	0	0	0	210	0	0	0	0	0
PRINCETON THEOL SEM	71	0	0	0	0	0	0	71	0	0	0	0	0
PRINCETON UNIV	14,438	0	2,025	851	2,312	0	194	4,516	0	2,975	5,023	526	12
RAMAPO COLLEGE OF N J	223	0	0	0	0	0	0	223	0	0	0	0	0
RICHARD STOCKTON ST COLL	261	30	0	0	0	0	0	231	0	0	0	0	0
RIDER COL	221	0	0	0	0	0	0	201	0	0	20	0	0
RUTGERS UNIVERSITY	20,072	2,024	54	49	367	0	265	14,180	172	30	2,073	32	2
SETON HALL UNIV	698	0	0	0	12	0	0	651	0	0	25	0	0
SOMERSET COUNTY COL	31	0	0	0	0	0	0	31	0	0	0	0	0
ST MICHAELS MONASTERY	52	0	0	0	0	0	0	52	0	0	0	0	0
ST PETERS COL	2,410	0	0	0	673	0	0	1,528	0	0	9	0	0
STEVENS INST OF TECH	1,032	0	35	126	0	0	0	376	0	0	456	89	0
TOMBROCK COL	54	0	0	0	0	0	0	54	0	0	0	0	0
TRENTON STATE COL	674	0	0	0	0	0	0	631	0	0	43	0	0
UNION COL	1,055	0	0	0	0	0	0	1,085	0	0	0	0	0
UPSALA COL	242	0	0	0	0	0	0	232	0	0	10	0	0
WESTMINSTER CHOIR COL	33	0	0	0	0	0	0	33	0	0	0	0	0
WILLIAM PATERSON COLLEGE	571	0	0	0	0	0	0	566	0	0	5	0	0
NEW MEXICO, TOTAL	37,147	2,158	79	0	5,523	266	24	24,050	453	2,132	1,586	224	628
COL OF SANTA FE	678	0	0	0	0	0	0	678	0	0	0	0	0
EASTERN NEW MEXICO UNIV	1,431	0	0	0	0	265	24	1,119	0	0	26	0	0
NEW MEX INST MINING & TEC	1,207	0	0	0	601	0	0	125	30	0	448	0	0
NEW MEXICO HIGHLANDS UNIV	1,929	0	2	0	0	0	0	1,467	0	0	60	0	0
NEW MEXICO JR COL	34	0	0	0	0	0	0	34	0	0	0	0	0
NEW MEXICO MILITARY INST	42	0	0	0	0	0	0	42	0	0	0	0	0
NEW MEXICO STATE UNIV	11,681	2,148	5	0	3,745	0	0	3,461	423	1,595	304	0	0
UNIV OF ALBUQUERQUE	1,733	0	0	0	10	0	0	1,715	0	0	8	0	0
UNIV OF NEW MEXICO	14,597	10	67	0	1,167	21	0	15,203	0	537	740	224	628
WESTERN NEW MEXICO UNIV	208	0	2	0	0	0	0	206	0	0	0	0	0
NEW YORK, TOTAL	403,601	7,872	14,223	1,309	17,017	4,130	1,619	292,616	693	7,523	53,366	764	2,469
ACADEMY OF AERONAUTICS	39	0	0	0	0	0	0	39	0	0	0	0	0
ADELPHI UNIV	2,055	0	0	0	0	0	0	1,875	0	0	190	0	0
ALBANY COL OF PHARMACY	749	0	0	0	0	0	0	349	0	0	0	0	0
ALBANY LAW SCHOOL	11	0	0	0	0	0	0	11	0	0	0	0	0
ALBANY MEDICAL COL	4,064	0	0	0	0	1,446	0	6,538	0	50	30	0	0
ALFRED UNIV	235	0	0	0	0	0	0	221	0	0	14	0	0
BANK STREET COL OF ED	1,105	0	0	0	0	19	0	1,077	0	0	9	0	0
BARO COL	74	0	0	0	0	0	0	74	0	0	0	0	0
BARNARD COL	271	0	0	0	14	0	0	199	0	0	58	0	0
BE'ER SHMUEL TALMUDICAL A	74	0	0	0	0	0	0	78	0	0	0	0	0
BENNETT COL	11	0	0	0	0	0	0	11	0	0	0	0	0
BETH JACOB HEBR TCNRS COL	90	0	0	0	0	0	0	90	0	0	0	0	0
BRIARCLIFF COL	13	0	0	0	0	0	0	13	0	0	0	0	0
BROOKLYN LAW SCHOOL	13	0	0	0	0	0	0	13	0	0	0	0	0
CANISIUS COL	421	0	0	0	0	0	0	396	0	0	25	0	0
CATH COL IMMAC CONCEPTION	29	0	0	0	0	0	0	29	0	0	0	0	0
CAZENOVIA COL	16	0	0	0	0	0	0	16	0	0	0	0	0
CEN YESH TOM THIMM LUBUZ	213	0	0	0	0	0	0	213	0	0	0	0	0
CLARKSON COL OF TECH	1,219	0	76	0	94	0	74	379	0	20	576	0	0
COL OF MT ST VINCENT	104	0	0	0	0	0	0	104	0	0	0	0	0
COL OF NEW ROCHELLE	64	0	0	0	0	0	0	64	0	0	0	0	0
COL OF PHARMACEUTICAL SCI	860	0	0	0	0	0	0	852	0	0	8	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
NEW YORK													
COL OF ST ROSE	89	0	0	0	0	0	0	89	0	0	0	0	0
COLG ROCH-BEXLEY-CROZER	39	0	0	0	0	0	0	39	0	0	0	0	0
COLGATE UNIV	352	0	0	0	0	0	0	290	0	0	62	0	0
COLUMBIA UNIV	60,654	10	3,545	405	5,020	127	43	34,666	81	2,797	13,313	70	580
COLUMBIA UNIV CFN SYS	203	0	0	0	0	0	0	203	0	0	0	0	0
CONCORDIA COLLEGE	42	0	0	0	0	0	0	42	0	0	0	0	0
COOPER UNION	331	0	0	0	0	0	23	293	0	0	15	0	0
CORNELL UNIV	45,869	7,714	1,416	24	2,047	0	645	18,924	295	972	12,571	0	1,160
CUNY BARUCH COL	63	0	0	0	0	0	0	58	0	0	5	0	0
CUNY BORO OF MAN COMM COL	366	0	0	0	0	0	0	366	0	0	0	0	0
CUNY BROXN COMM COL	557	0	0	0	0	0	6	642	0	0	9	0	0
CUNY BROOKLYN COL	754	0	62	0	32	0	0	475	0	0	185	0	0
CUNY CENTRAL SYSTEM	22,128	0	0	0	264	0	0	21,357	0	0	115	0	372
CUNY CITY COL	2,308	0	55	0	48	0	0	749	0	169	1,287	0	0
CUNY GRAD SCH & UNIV CTR	196	0	0	0	0	0	0	810	0	0	86	0	0
CUNY HOSTOS COMM COL	58	0	0	0	0	0	0	68	0	0	0	0	0
CUNY HUNTER COL	2,200	0	0	0	0	0	0	1,974	0	0	226	0	0
CUNY JOHN JAY C CRIM JUST	8	0	0	0	0	0	0	8	0	0	0	0	0
CUNY KINGSBORO COMM COL	247	0	0	0	0	0	0	287	0	0	0	0	0
CUNY LEHMAN COLLEGE	305	0	0	0	0	0	30	257	0	0	18	0	0
CUNY MEDGAR EVERS COL	22	0	0	0	0	0	0	22	0	0	0	0	0
CUNY MT SINAI SCH OF MED	12,274	0	32	0	149	0	0	11,899	0	17	177	0	0
CUNY N Y CITY CMTY COL	572	0	0	0	0	0	0	572	0	0	0	0	0
CUNY QUEENS COL	825	0	0	0	0	0	0	579	0	0	246	0	0
CUNY QUEENSBORO COMM COL	202	0	0	0	0	0	0	200	0	0	2	0	0
CUNY RICHMOND COL	35	0	0	0	0	0	0	11	0	0	24	0	0
CUNY STATEN ISL COMM COL	349	0	0	0	0	0	0	344	0	0	5	0	0
CUNY YORK COLLEGE	137	0	0	0	0	0	0	135	0	0	2	0	0
D'YONVILLE COL	348	0	0	0	0	0	0	348	0	0	0	0	0
DOMINICAN COL OF ALAJVELT	29	0	0	0	0	0	0	22	0	0	7	0	0
DOWLING COLLEGE	418	0	0	0	0	0	0	412	0	0	6	0	0
DUDLEY OBSERVATORY	946	0	0	0	0	0	0	0	0	982	4	0	0
EISENHOWER COL	876	0	0	0	0	0	0	876	0	0	0	0	0
ELIZABETH SETON COL	24	0	0	0	0	0	0	24	0	0	0	0	0
ELMIRA COL	197	0	0	0	0	0	0	197	0	0	0	0	0
FINCH COL	25	0	0	0	0	0	0	25	0	0	0	0	0
FORDHAM UNIV	2,382	0	0	0	27	0	0	2,050	0	154	151	0	0
FRIENDS WORLD COLLEGE	72	0	0	0	0	0	0	72	0	0	0	0	0
GOOD COUNSEL COL	39	0	0	0	0	0	0	39	0	0	0	0	0
HAMILTON COL	125	0	0	0	0	0	0	38	0	28	59	0	0
HARRIMAN COLLEGE	19	0	0	0	0	0	0	19	0	0	0	0	0
HARTWICK COL	204	0	0	0	0	0	0	204	0	0	0	0	0
HILBERT COLLEGE	57	0	0	0	0	0	0	87	0	6	0	0	0
HOBART AND WM SMITH COL	106	0	0	0	0	0	0	85	0	0	21	0	0
HOFSTRA UNIV	1,013	0	0	0	0	0	0	922	0	11	80	0	0
HOUGHTON COL	81	0	0	0	0	0	0	79	0	0	2	0	0
IONA COL	171	0	0	0	0	0	0	171	0	0	0	0	0
ITHACA COL	269	0	0	0	0	0	0	251	0	0	18	0	0
JEWISH THEOL SEM OF AMEP	13	0	0	0	0	0	0	13	0	0	0	0	0
JUILLIARD SCHOOL	68	0	0	0	0	0	0	68	0	0	0	0	0
KEUKA COL	470	0	0	0	0	0	0	470	0	0	0	0	0
KINGS COL	76	0	0	0	0	0	0	76	0	0	0	0	0
KIRKLAND COLLEGE	95	0	0	0	0	0	0	95	0	0	0	0	0
LEMOYNE COL	478	0	0	0	0	0	0	468	0	0	10	0	0
LEWIS COL OF PODIATRY	481	0	0	0	0	0	0	481	0	0	0	0	0
LONG ISLAND UNIVERSITY	2,469	0	18	0	0	0	0	2,267	3	87	55	25	14
MANHATTAN COL	693	0	0	0	24	0	97	532	0	0	40	0	0
MANHATTAN SCH OF MUSIC	102	0	0	0	0	0	0	102	0	0	0	0	0
MANHATTANVILLE COL	215	0	0	0	0	0	0	215	0	0	0	0	0
MANNES COL OF MUSIC	36	0	0	0	0	0	0	36	0	0	0	0	0
MARIA COL OF ALBANY	92	0	0	0	0	0	0	92	0	0	0	0	0
MARIA REGINA COL	33	0	0	0	0	0	0	33	0	0	0	0	0
MARIST COL	558	0	0	0	0	0	0	554	0	0	4	0	0
MARYMOUNT COL	243	0	0	0	0	0	0	243	0	0	0	0	0
MARYMOUNT MANHATTAN COL	564	0	0	0	0	0	0	564	0	0	0	0	0
MATER DEI COL	21	0	0	0	0	0	0	21	0	0	0	0	0
MERCY COL	61	0	0	0	0	0	0	61	0	0	0	0	0
MES TOR VODATY PARIN SEM	162	0	0	0	0	0	0	162	0	0	0	0	0
MESIVTHA TIFERTH JERU AM	123	0	0	0	0	0	0	123	0	0	0	0	0
MILLS COL OF EDUCATION	11	0	0	0	0	0	0	11	0	0	0	0	0
MIRER YESHIVA CENT INST	14	0	0	0	0	0	0	14	0	0	0	0	0
MOLLOY COLLEGE	64	0	0	0	0	0	0	64	0	0	0	0	0
MT ST MARY COL	256	0	0	0	0	0	0	256	0	0	0	0	0
N Y INST OF TECHNOLOGY	261	0	0	0	0	0	0	244	0	0	17	0	0
NAZARETH COL OF ROCHESTER	69	0	0	0	0	0	0	69	0	0	0	0	0
NEA SCHOOL FOR SOCIAL RES	551	0	0	0	0	0	0	530	0	0	21	0	0
NEW YORK LAW SCHOOL	37	0	0	0	0	0	0	37	0	0	0	0	0
NEW YORK MEDICAL COL	8,896	0	0	0	138	0	0	8,324	0	0	424	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	OOO	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
NEW YORK													
NEW YORK THEOLOGICAL SEM	18	0	0	0	0	0	0	18	0	0	0	0	0
NEW YORK UNIV	44,093	0	2,098	70	2,022	200	276	33,817	70	637	4,625	122	156
NIAGARA UNIV	476	0	0	0	0	0	0	476	0	0	0	0	0
NYACK MISSIONARY COL	35	0	0	0	0	0	0	35	0	0	0	0	0
PACE COL	749	0	0	0	0	0	0	735	0	0	14	0	0
PARSONS SCHOOL OF DESIGN	56	0	0	0	0	0	0	56	0	0	0	0	0
PAUL SMITHS COL ARTS SCI	18	0	0	0	0	0	0	18	0	0	0	0	0
POLYTECHNIC INST OF BKLYN	4,006	0	35	0	1,672	0	23	821	0	55	1,273	127	0
PRATT INST	318	0	0	0	0	0	0	281	0	0	37	0	0
RAB COL BORDOVE YESHIVA	99	0	0	0	0	0	0	99	0	0	0	0	0
RAB SEM NETZACH ISR PAM	88	0	0	0	0	0	0	88	0	0	0	0	0
RAB COL OF KAMENITZ YESH	80	0	0	0	0	0	0	80	0	0	0	0	0
RABBI JOSEPH RABINCL COL	102	0	0	0	0	0	0	102	0	0	0	0	0
RABBINICAL SEM OF AMERICA	35	0	0	0	0	0	0	35	0	0	0	0	0
RABBINICAL ACAD M R BERLIN	111	0	0	0	0	0	0	111	0	0	0	0	0
RABBINICAL COL CHSAN SOFFER	96	0	0	0	0	0	0	96	0	0	0	0	0
RENSSELAER POLYTECH INST	5,932	0	1,014	35	674	0	68	2,203	0	514	1,389	35	0
ROBERTS WESLEYAN COL	174	0	0	0	0	0	0	174	0	0	0	0	0
ROCHESTER INST OF TECH	991	0	0	0	14	0	0	631	150	0	86	0	0
ROCKEFELLER UNIV	10,769	0	71	0	189	0	0	9,394	0	0	1,115	0	0
ROSARY HILL COL	153	0	0	0	0	0	0	153	0	0	0	0	0
RUSSELL SAGE COL	330	0	0	0	0	0	0	296	0	0	4	0	0
SARAH LAWRENCE COL	264	0	0	0	0	0	0	264	0	0	0	0	0
SIENA COLLEGE	155	0	0	0	0	0	0	155	0	0	0	0	0
SKIDMORE COL	449	0	0	0	0	0	0	439	0	0	10	0	0
ST BERNARD'S SEMINARY	10	0	0	0	0	0	0	10	0	0	0	0	0
ST BONAVENTURE UNIV	61	0	0	0	0	0	0	53	0	0	8	0	0
ST FRANCIS COL	137	0	0	0	0	0	0	137	0	0	0	0	0
ST JOHN FISHER COL	72	0	0	0	0	0	0	72	0	0	0	0	0
ST JOHN VIANNEY SEM	145	0	0	0	0	0	0	145	0	0	0	0	0
ST JOHNS UNIV	995	0	0	0	0	0	0	958	0	0	27	0	0
ST JOSEPH'S COLLEGE	22	0	0	0	0	0	0	22	0	0	0	0	0
ST LAWRENCE UNIV	396	0	0	0	0	0	0	283	0	0	23	0	0
ST THOMAS AQUINAS COL	49	0	0	0	0	0	0	49	0	0	0	0	0
ST VLADIMIRS THEOL SEM	10	0	0	0	0	0	0	10	0	0	0	0	0
SUNY A&T COL ALFRED	389	0	0	0	0	0	0	343	0	15	31	0	0
SUNY A&T COL CANTON	193	0	0	0	0	0	0	191	0	0	2	0	0
SUNY A&T COL CORLESKILL	188	0	0	0	0	0	0	188	0	0	0	0	0
SUNY A&T COL DELHI	319	0	0	0	0	0	0	303	0	0	16	0	0
SUNY A&T COL FARMINGDALE	560	0	0	0	0	0	0	560	0	0	0	0	0
SUNY A&T COL MORRISTVILLE	134	0	0	0	0	0	0	134	0	0	0	0	0
SUNY ADIRONDACK CNTY COL	80	0	0	0	0	0	0	80	0	0	0	0	0
SUNY AURURN CNTY COL	60	0	0	0	0	0	0	60	0	0	0	0	0
SUNY BROOME TECH CNTY COL	245	0	0	0	0	0	0	236	0	4	5	0	0
SUNY C ENV SCI & FORESTRY	499	0	0	0	0	0	0	235	35	0	229	0	0
SUNY CENTRAL SYSTEM	1,152	0	0	725	20	0	188	148	0	0	71	0	0
SUNY CLINTON CNTY COL	64	0	0	0	0	0	0	64	0	0	0	0	0
SUNY CNTY C FINGER LAKES	464	0	0	0	0	0	0	342	0	0	22	0	0
SUNY COL AT OLD WESTBURY	2,071	0	0	0	0	0	0	2,071	0	0	0	0	0
SUNY COL BROCKPORT	1,015	0	0	0	0	0	0	860	0	0	155	0	0
SUNY COL BUFFALO	2,514	0	0	0	407	0	0	2,034	0	0	73	0	0
SUNY COL CORTLAND	568	0	0	0	0	0	0	542	0	0	26	0	0
SUNY COL FREDONIA	494	0	0	0	0	0	0	387	0	0	107	0	0
SUNY COL GENESEO	770	0	0	0	0	0	0	640	0	47	83	0	0
SUNY COL NFW PALTZ	685	0	0	0	0	0	0	633	0	0	52	0	0
SUNY COL ONEONTA	562	0	0	0	0	0	0	557	0	0	5	0	0
SUNY COL OSWEGO	485	0	0	0	0	0	0	370	0	0	115	0	0
SUNY COL PLATTSBURGH	735	0	0	0	0	0	0	691	0	0	44	0	0
SUNY COL POTSDAM	338	0	0	0	0	0	0	254	0	0	84	0	0
SUNY COL PURCHASE	469	0	0	0	0	0	0	469	0	0	0	0	0
SUNY COLUMBIA-GRENE C C	113	0	0	0	0	0	0	97	0	0	16	0	0
SUNY CORNING CNTY COL	217	0	0	0	0	0	0	194	0	0	23	0	0
SUNY DOWNSTATE WFD CTR	7,717	0	0	0	151	0	69	7,403	0	1	93	0	0
SUNY DUTCHESS CNTY COL	201	0	0	0	0	0	0	201	0	0	0	0	0
SUNY ERIE CNTY COL	301	0	0	0	0	0	0	301	0	0	0	0	0
SUNY FASHION INST TECH	101	0	0	0	0	0	0	101	0	0	0	0	0
SUNY FULTON-MONT CNTY COL	109	0	0	0	0	0	0	88	0	0	21	0	0
SUNY GENESEE CNTY COL	149	0	0	0	0	0	0	149	0	0	0	0	0
SUNY HERKIMER CNTY CNTY C	53	0	0	0	0	0	0	51	0	0	2	0	0
SUNY HUDSON VAL CNTY COL	416	0	0	0	0	0	0	416	0	0	0	0	0
SUNY JAMESTOWN CNTY COL	124	0	0	0	0	0	0	102	0	0	22	0	0
SUNY JEFFERSON CNTY COL	91	0	0	0	0	0	0	91	0	0	0	0	0
SUNY MARITIME COLLEGE	72	0	0	0	0	0	0	47	0	0	25	0	0
SUNY MOHAWK VAL CNTY COL	228	0	0	0	0	0	0	228	0	0	0	0	0
SUNY MONROE CNTY COL	433	0	0	0	0	0	0	433	0	0	0	0	0
SUNY NASSAU CNTY COL	348	0	0	0	0	0	0	348	0	0	0	0	0
SUNY NIAGARA CNTY CNTY C	292	0	0	0	0	0	0	292	0	0	0	0	0
SUNY NORTH CNTY CNTY COL	139	0	0	0	0	0	0	139	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AFC	COM	DOE	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
NEW YORK													
SUNY ONONDAGA CNTY CNTY C	219	0	0	0	0	0	0	219	0	0	0	0	0
SUNY ORANGE CNTY CNTY COL	598	0	0	0	0	0	0	698	0	0	0	0	0
SUNY ROCKLAND CNTY COL	338	0	0	0	0	0	0	338	0	0	0	0	0
SUNY SCHEN CNTY CNTY COL	124	0	0	0	0	0	0	124	0	0	0	0	0
SUNY ST U ALBANY	4,935	26	64	0	314	1,936	71	5,545	0	0	963	0	12
SUNY ST U RINGHAMTON	1,838	0	0	0	0	0	0	992	0	0	846	0	0
SUNY ST U BUFFALO	16,844	0	117	0	78	0	0	15,000	0	145	1,454	0	0
SUNY ST U STONY BROOK	7,235	0	619	0	97	0	0	2,409	0	593	3,317	0	0
SUNY STATE COL. OPTOMETRY	143	0	0	0	0	0	0	143	0	0	0	0	0
SUNY SUFFOLK CNTY CNTY C	572	0	0	0	0	0	0	570	0	0	2	0	0
SUNY SULLIVAN CNTY CNTY C	156	0	0	0	0	0	0	156	0	0	0	0	0
SUNY TOMP-CORT CNTY COL	146	0	0	0	0	0	0	146	0	0	0	0	0
SUNY ULSTER CNTY CNTY COL	160	0	0	0	0	0	0	160	0	0	0	0	0
SUNY UPSTATE MED CTR	4,339	0	0	0	0	0	0	4,290	0	0	41	0	0
SUNY WESTCHESTER CNTY COL	121	0	0	0	0	0	0	121	0	0	0	0	0
SYRACUSE UNIV	9,581	122	144	0	1,275	0	4	4,622	35	58	2,149	172	0
TEACHERS COL	3,510	0	0	0	0	0	0	3,357	0	0	153	0	0
TROSCIRE COL	103	0	0	0	0	0	0	103	0	0	0	0	0
UNION COL	462	0	0	0	20	0	0	292	0	0	150	0	0
UNION THEOL SEMINARY	91	0	0	0	0	0	0	91	0	0	0	0	0
UNIV OF ROCHESTER	27,531	0	4,743	0	1,544	0	5	17,588	0	127	3,104	205	175
UTICA COLLEGE	519	0	0	0	0	0	0	517	0	0	2	0	0
VASSAR COL	470	0	0	0	0	0	0	424	0	0	46	0	0
VILLA MARIA COL BUFFALO	29	0	0	0	0	0	0	29	0	0	0	0	0
WADSWORTH HALL	2	0	0	0	0	0	0	2	0	0	0	0	0
WAGNER COL	326	0	0	0	0	0	0	326	0	0	0	0	0
WEBB INST OF NAVAL ARCH	31	0	0	50	4	0	0	0	0	0	29	8	0
WELLS COL	44	0	0	0	0	0	0	44	0	0	0	0	0
YESH BETH SHEAR P&B INST	84	0	0	0	0	0	0	84	0	0	0	0	0
YESHIVA UNIV	29,950	0	66	0	655	412	0	27,613	24	0	1,190	0	0
NORTH CAROLINA, TOTAL	130,693	11,092	1,560	1,161	3,090	352	1,091	98,793	237	485	10,440	234	2,168
APPALACHIAN STATE UNIV													
ASHEVILLE-UNCOMBTE TECH INST	65	0	0	0	0	0	0	65	0	0	0	0	0
ATLANTIC CHRISTIAN COL	226	0	0	0	0	0	0	226	0	0	0	0	0
BARBER-SCOTIA COL	680	0	0	0	0	0	0	680	0	0	0	0	0
BEAUFORT COUNTY TECH-INST	112	0	0	0	0	0	0	112	0	0	0	0	0
BELMONT ABBEY COL	51	0	0	0	0	0	0	49	0	0	2	0	0
BENNETT COL	1,205	0	0	0	0	0	0	1,179	0	0	26	0	0
BREVARD COL	32	0	0	0	0	0	0	32	0	0	0	0	0
CALDWELL COMMUNITY COLL	105	0	0	0	0	0	0	105	0	0	0	0	0
CAMPBELL COL	317	0	0	0	0	0	0	315	0	0	2	0	0
CAPE FEAR TECHNICAL INST	398	0	0	381	0	0	0	17	0	0	0	0	0
CAROLINA COASTAL COMM COL	8	0	0	0	0	0	0	8	0	0	0	0	0
CARTERET TECHNICAL INST	30	0	0	0	0	0	0	30	0	0	0	0	0
CATAWBA COL	49	0	0	0	0	0	0	29	0	0	20	0	0
CATAWBA VALLEY TECH INST	23	0	0	0	0	0	0	23	0	0	0	0	0
CENTRAL CAROLINA TECH INS	54	0	0	0	0	0	0	54	0	0	0	0	0
CENTRAL PIEDMONT COMM COL	933	0	0	0	0	0	0	933	0	0	0	0	0
CHOWAN COL	156	0	0	0	0	0	0	153	0	0	3	0	0
COL OF THE ALPHEMARLE	251	0	0	0	0	0	0	261	0	0	0	0	0
CRAVEN TECHNICAL INST	39	0	0	0	0	0	0	39	0	0	0	0	0
DAVIDSON COL	194	0	0	0	0	0	0	157	0	0	37	0	0
DAVIDSON COUNTY COMM COL	55	0	0	0	0	0	0	55	0	0	0	0	0
DUKE UNIV	35,266	0	409	15	1,927	0	102	29,265	7	145	2,989	0	7
DURHAM TECHNICAL INST	41	0	0	0	0	0	0	41	0	0	0	0	0
EAST CAROLINA UNIV	1,743	0	0	0	0	0	0	1,536	0	0	207	0	0
ELIZABETH CITY STATE UNIV	1,233	0	0	0	0	0	0	1,222	0	0	61	0	0
ELON COL	234	0	0	0	0	0	0	234	0	0	0	0	0
FAYETTEVILLE STATE UNIV	1,554	0	0	0	0	0	0	1,554	0	0	0	0	0
FAYETTEVILLE TECH INST	103	0	0	0	0	0	0	103	0	0	0	0	0
FORSYTH TECHNICAL INST	69	0	0	0	0	0	0	69	0	0	0	0	0
GARDNER-WEBB COL	208	0	0	0	0	0	0	208	0	0	0	0	0
GASTON COL	211	0	0	0	0	0	0	210	0	0	1	0	0
GREENSBORO COL	57	0	0	0	0	0	0	57	0	0	0	0	0
GUILFORD COL	42	0	0	0	0	0	0	42	0	0	0	0	0
GUILFORD TECHNICAL INST	103	0	0	0	0	0	0	103	0	0	0	0	0
HAYWOOD TECHNICAL INST	12	0	0	0	0	0	0	12	0	0	0	0	0
HIGH POINT COL	29	0	0	0	0	0	0	29	0	0	0	0	0
ISOTHERMAL COMM COL	46	0	0	0	0	0	0	46	0	0	0	0	0
JAMES SPRUNT INSTITUTE	111	0	0	0	0	0	0	111	0	0	0	0	0
JOHNSON C SMITH UNIV	988	0	0	0	0	0	0	988	0	0	0	0	0
KITTRELL COL	1,007	0	0	0	0	0	0	1,007	0	0	0	0	0
LEES-MCRAE COL	462	0	0	0	0	0	0	462	0	0	0	0	0
LENOIR COMMUNITY COLLEGE	199	0	0	0	0	0	0	199	0	0	0	0	0
LENOIR-RHYNE COL	117	0	0	0	0	0	0	117	0	0	0	0	0
LIVINGSTONE COL	893	0	0	0	0	0	0	891	0	0	2	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOE	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
NORTH CAROLINA													
LOUISBURG COL	95	0	0	0	0	0	0	83	0	0	2	0	0
MARS HILL COL	199	0	0	0	0	0	0	180	0	0	9	0	0
MARTIN TECHNICAL INST	177	0	0	0	0	0	0	177	0	0	0	0	0
MEREDITH COL	136	0	0	0	0	0	0	136	0	0	0	0	0
METHODIST COL	77	0	0	0	0	0	0	77	0	0	0	0	0
MITCHELL COL	71	0	0	0	0	0	0	71	0	0	0	0	0
MONTREAL-ANDERSON COL	109	0	0	0	0	0	0	109	0	0	0	0	0
MT OLIVE JP COL	324	0	0	0	0	0	0	324	0	0	0	0	0
N C AGRIC & TECH ST UNIV	4,422	1,197	0	0	0	0	45	2,387	0	52	566	0	75
N C SCHOOL OF THE ARTS	60	0	0	0	0	0	0	60	0	0	0	0	0
N C STATE UNIV AT RALEIGH	16,439	9,895	336	0	360	0	259	3,425	230	273	1,165	234	272
N C WESLEYAN COL	75	0	0	0	0	0	0	67	0	0	8	0	0
NO CAROLINA CENTRAL UNIV	2,764	0	0	0	0	0	0	2,705	0	0	59	0	0
PEACE COL	35	0	0	0	0	0	0	35	0	0	0	0	0
PEMBROKE STATE UNIVERSITY	430	0	0	0	0	0	0	425	0	0	5	0	0
PFEIFFER COL	103	0	0	0	0	0	0	99	0	0	4	0	0
PITT TECHNICAL INSTITUTE	79	0	0	0	0	0	0	79	0	0	0	0	0
QUEENS COL	44	0	0	0	0	0	0	44	0	0	0	0	0
RANDOLPH TECHNICAL INST	9	0	0	0	0	0	0	9	0	0	0	0	0
RICHMOND TECHNICAL INST	27	0	0	0	0	0	0	27	0	0	0	0	0
ROCKINGHAM COMM COL	116	0	0	0	0	0	0	116	0	0	0	0	0
ROWAN TECHNICAL INSTITUTE	22	0	0	0	0	0	0	22	0	0	0	0	0
SACRED HEART COL	76	0	0	0	0	0	0	76	0	0	0	0	0
SAMPSON TECHNICAL INST	43	0	0	0	0	0	0	43	0	0	0	0	0
SANDHILLS COMM COL	140	0	0	0	0	0	0	140	0	0	0	0	0
SHAW UNIV	2,215	0	0	0	0	0	34	1,490	0	0	691	0	0
SOUTHEASTERN COMM COL	298	0	0	0	0	0	0	298	0	0	0	0	0
SOUTHWESTERN TECH INST	48	0	0	0	0	0	0	48	0	0	0	0	0
SOUTHWOOD COL	31	0	0	0	0	0	0	31	0	0	0	0	0
ST ANDREWS PRESBY COL	201	0	0	0	0	0	0	192	0	0	9	0	0
ST AUGUSTINES COL	1,727	0	0	0	0	0	0	1,727	0	0	0	0	0
ST MARYS JR COL	12	0	0	0	0	0	0	12	0	0	0	0	0
SURRY COMM COL	95	0	0	0	0	0	0	95	0	0	0	0	0
TECH INST OF ALAMANCE	27	0	0	0	0	0	0	27	0	0	0	0	0
U OF NO CAROLINA AT WILMT	256	0	0	0	0	0	0	251	0	0	5	0	0
UNIV OF N C AT ASHEVILLE	131	0	0	0	0	0	0	123	0	0	8	0	0
UNIV OF N C AT CHAP HILL	34,005	0	399	720	763	352	347	27,435	0	15	3,970	0	14
UNIV OF N C AT CHARLOTTE	280	0	0	0	0	0	0	262	0	0	18	0	0
UNIV OF N C AT GREENSBORO	916	0	0	0	0	0	0	855	0	0	61	0	0
UNIV OF N C CEN SYS	2,267	0	0	0	0	0	304	163	0	0	0	0	1,800
W W HOLDING TECH INST	38	0	0	0	0	0	0	38	0	0	0	0	0
WAKE FOREST UNIV	6,555	0	26	0	40	0	0	6,507	0	0	82	0	0
WARREN WILSON COL	608	0	0	0	0	0	0	606	0	0	2	0	0
WAYNE COMMUNITY COLLEGE	452	0	0	0	0	0	0	452	0	0	0	0	0
WESTERN CAROLINA UNIV	1,506	0	0	45	0	0	0	1,171	0	0	290	0	0
WESTERN PIEDMONT COMM COL	71	0	0	0	0	0	0	71	0	0	0	0	0
WILKES COMM COL	130	0	0	0	0	0	0	130	0	0	0	0	0
WILSON COUNTY TECH INST	148	0	0	0	0	0	0	148	0	0	0	0	0
WINGATE COL	40	0	0	0	0	0	0	40	0	0	0	0	0
WINSTON-SALEM STATE UNIV	1,104	0	0	0	0	0	0	1,104	0	0	0	0	0
NORTH DAKOTA, TOTAL	14,781	2,395	4	105	100	0	46	9,886	1,790	16	479	0	0
RISMARCK JR COL	228	0	0	0	0	0	0	228	0	0	0	0	0
DICKINSON STATE COL	248	0	0	0	0	0	0	248	0	0	0	0	0
JAMESTOWN COL	944	0	0	0	0	0	0	939	0	0	5	0	0
LAKE REGION JR COL	130	0	0	0	0	0	0	130	0	0	0	0	0
MARY COL	618	0	0	0	0	0	0	618	0	0	0	0	0
MAYVILLE STATE COL	139	0	0	0	0	0	0	139	0	0	0	0	0
MINOT ST COL	467	0	0	0	0	0	0	428	0	0	39	0	0
NORTH DAKOTA ST SCH SCI	199	0	0	0	0	0	0	198	0	0	0	0	0
NORTH DAKOTA STATE UNIV	4,544	2,360	0	105	0	0	35	1,674	190	16	164	0	0
UNIV OF NORTH DAKOTA	6,972	35	4	0	190	0	11	4,991	1,600	0	231	0	0
VALLEY CITY STATE COL	293	0	0	0	0	0	0	293	0	0	0	0	0
OHIO, TOTAL	134,194	7,505	1,401	116	11,037	1,217	1,013	98,548	368	1,613	9,663	283	1,420
ALLEN COUNTY TECH INST	38	0	0	0	0	0	0	38	0	0	0	0	0
ANTIOCH COL	4,263	0	0	0	0	1,020	0	3,088	0	0	155	0	0
ART ACADEMY OF CINCINNATI	5	0	0	0	0	0	0	5	0	0	0	0	0
ASHLAND COL	151	0	0	0	0	0	0	141	0	0	10	0	0
ATHENAEUM OF OHIO	32	0	0	0	0	0	0	32	0	0	0	0	0
BALDWIN-WALLACE COL	678	0	0	0	0	0	0	666	0	0	12	0	0
BLUFFTON COL	548	0	0	0	0	0	0	530	0	0	18	0	0
BORROMEI SEMINARY OF OHIO	27	0	0	0	0	0	0	27	0	0	0	0	0
BOWLING GREEN STATE UNIV	1,316	0	0	0	0	0	0	928	0	35	355	0	0
CAPITAL UNIV	366	0	0	0	0	0	0	366	0	0	0	0	0
CASE WESTERN RESERVE UNIV	25,378	8	655	0	1,422	0	39	19,241	114	671	3,080	0	147

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
OHIO													
CEJARVILLE COL	76	0	0	0	0	0	0	73	0	0	3	0	0
CENTRAL STATE UNIV	2,414	0	0	0	0	197	0	2,142	0	0	75	0	0
CLARK CO TECHNICAL INST	45	0	0	0	0	0	0	45	0	0	0	0	0
CLEVELAND INST OF MUSIC	20	0	0	0	0	0	0	20	0	0	0	0	0
CLEVELAND STATE UNIV	1,005	0	0	0	0	0	0	975	0	0	30	0	0
COL MT ST JOSEPH-ON-OHIO	84	0	0	0	0	0	0	84	0	0	0	0	0
COL OF STEUBENVILLE	186	0	0	0	0	0	0	186	0	0	0	0	0
COL OF WOOSTER	628	0	0	0	0	0	0	610	0	0	18	0	0
COLUMBUS COL ART & DESIGN	161	0	0	0	0	0	0	161	0	0	0	0	0
COLUMBUS TECHNICAL INST	171	0	0	0	0	0	0	171	0	0	0	0	0
CUYAHOGA COMM COL	1,465	0	0	0	0	0	0	1,465	0	0	0	0	0
DEFIANCE COL	160	0	0	0	0	0	0	160	0	0	0	0	0
DEMISON UNIV	72	0	0	0	0	0	0	58	0	0	14	0	0
DYKE COL	44	0	0	0	0	0	0	44	0	0	0	0	0
EDGECLIFF COLLEGE	115	0	0	0	0	0	0	115	0	0	0	0	0
EVANGELICAL LUTH THEO SEM	57	0	0	0	0	0	0	57	0	0	0	0	0
FINDLAY COL	200	0	0	0	0	0	0	139	0	0	61	0	0
FRANKLIN UNIV	55	0	0	0	0	0	0	55	0	0	0	0	0
HEIDELBERG COL	119	0	0	0	0	0	0	88	0	0	31	0	0
HIRAM COL	431	0	0	0	0	0	0	416	0	0	15	0	0
JEFFERSON CNTY TECH INST	12	0	0	0	0	0	0	12	0	0	0	0	0
JOHN CARROLL UNIV	274	0	0	0	39	0	0	126	0	0	109	0	0
KENT STATE UNIV	2,533	0	45	73	32	0	57	1,919	0	39	305	0	0
KENYON COL	45	0	0	0	0	0	0	58	0	0	17	0	0
KETTERING COLL MED ARTS	76	0	0	0	0	0	0	76	0	0	0	0	0
LAKE ERIE COL	27	0	0	0	0	0	0	27	0	0	0	0	0
LAKELAND COMM COL	41	0	0	0	0	0	0	41	0	0	0	0	0
LORAIN COUNTY COMM COL	228	0	0	0	0	0	0	228	0	0	0	0	0
MALONE COL	79	0	0	0	0	0	0	79	0	0	0	0	0
MARIETTA COL	303	0	0	0	0	0	0	290	0	0	13	0	0
MARY MANSE COL	54	0	0	0	0	0	0	52	0	0	2	0	0
MED COL OF OHIO AT TOLEDO	2,183	0	0	0	0	0	0	2,174	0	0	9	0	0
METHODIST THEOL SCH OHIO	53	0	0	0	0	0	0	53	0	0	0	0	0
MIAMI UNIV	998	0	0	0	232	0	0	584	0	0	182	0	0
MIAMI-JACOBS JR COL BUS	126	0	0	0	0	0	0	126	0	0	0	0	0
MT UNION COL	124	0	0	0	0	0	0	122	0	0	2	0	0
MT VERNON NAZARENE COL	111	0	0	0	0	0	0	111	0	0	0	0	0
MUSKINGUM AREA TECH INST	89	0	0	0	0	0	0	89	0	0	0	0	0
MUSKINGUM COL	107	0	0	0	0	0	0	93	0	0	14	0	0
NOTRE DAME COL	119	0	0	0	0	0	0	103	0	0	16	0	0
ORERLIN COL	455	0	0	0	0	0	0	385	0	0	70	0	0
OHIO COL OF PODIATRIC MED	370	0	0	0	0	0	0	370	0	0	0	0	0
OHIO DOMINICAN COL	311	0	0	0	0	0	0	303	0	0	8	0	0
OHIO NORTHERN UNIV	600	0	0	0	0	0	0	600	0	0	0	0	0
OHIO STATE UNIV	47,975	7,497	480	43	3,232	0	321	30,548	213	508	3,477	283	1,273
OHIO TECH INST	104	0	0	0	0	0	0	104	0	0	0	0	0
OHIO UNIV	3,001	0	162	0	225	0	0	2,222	0	76	316	0	0
OHIO WESLEYAN UNIV	408	0	0	0	0	0	0	342	0	0	66	0	0
OTTERBEIN COL	361	0	0	0	0	0	0	361	0	0	0	0	0
PENTA COUNTY TECH INST	124	0	0	0	0	0	0	124	0	0	0	0	0
PONTIFICAL COL JOSEPHINUM	76	0	0	0	0	0	0	76	0	0	0	0	0
RABBINICAL COL OF TELSHE	150	0	0	0	0	0	0	150	0	0	0	0	0
RIO GRANDE COL	449	0	0	0	0	0	0	449	0	0	0	0	0
SINCLAIR COL	766	0	0	0	0	0	0	766	0	0	0	0	0
ST JOHN COL OF CLEVELAND	241	0	0	0	0	0	0	241	0	0	0	0	0
TIFFIN UNIV	231	0	0	0	0	0	0	231	0	0	0	0	0
TRI-COUNTY TECH INSTITUTE	92	0	0	0	0	0	0	92	0	0	0	0	0
UNITED THEOL SEMINARY	127	0	0	0	0	0	0	127	0	0	0	0	0
UNIV OF AKRON	829	0	0	0	0	0	0	735	0	0	94	0	0
UNIV OF CINCINNATI	15,211	0	55	0	772	0	503	13,043	0	193	645	0	0
UNIV OF DAYTON	6,066	0	0	0	4,828	0	31	949	0	64	194	0	0
UNIV OF TOLEDO	1,394	0	0	0	0	0	32	1,068	41	10	153	0	0
URBANA COL	139	0	0	0	0	0	0	139	0	0	0	0	0
URSULINE COL	61	0	0	0	0	0	0	61	0	0	0	0	0
WALSH COL	108	0	0	0	0	0	0	108	0	0	0	0	0
WESTERN COLLEGE	131	0	0	0	0	0	0	114	0	0	17	0	0
WILBERFORCE UNIV	3,215	0	0	0	0	0	0	3,215	0	0	0	0	0
WILMINGTON COL	237	0	0	0	0	0	0	237	0	0	0	0	0
WITTENBERG UNIV	838	0	0	0	15	0	0	814	0	0	9	0	0
WRIGHT STATE UNIV	1,972	0	0	0	240	0	0	1,681	0	0	51	0	0
XAVIER UNIV	59	0	0	0	0	0	0	51	0	0	8	0	0
YOUNGSTOWN STATE UNIV	369	0	0	0	0	0	0	343	0	17	9	0	0
OKLAHOMA, TOTAL	18,595	5,038	57	106	1,764	0	421	25,998	283	956	2,795	117	0
ALTUS JR COL	31	0	0	0	0	0	0	31	0	0	0	0	0
BAKONF COL	442	0	0	0	0	0	0	442	0	0	0	0	0
BARTLESVILLE WESLEYAN COL	68	0	0	0	0	0	0	68	0	0	0	0	0

112

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOO	ED	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
OKLAHOMA													
BETHANY-NAZARENE COL	149	0	0	0	0	0	0	0	0	0	0	0	0
CAMERON STATE AGR COL	476	0	0	0	0	0	0	147	0	0	2	0	0
CARL ALBERT JUNIOR COL	242	0	0	0	0	0	0	474	0	0	2	0	0
CENTRAL STATE UNIVERSITY	468	0	0	0	0	0	0	262	0	0	0	0	0
CLAREMORE JR COLLEGE	420	0	0	0	0	0	0	468	0	0	0	0	0
CONNORS STATE COLLEGE	90	0	0	0	0	0	0	420	0	0	0	0	0
EAST CENTRAL STATE COL	1,026	0	0	0	0	0	0	90	0	0	0	0	0
EASTERN OKLA STATE COL	190	0	0	0	0	0	0	1,015	0	0	11	0	0
LANGSTON UNIV	1,521	598	0	0	0	0	0	190	0	0	0	0	0
MURRAY STATE COLLEGE	142	0	0	0	0	0	0	966	0	0	57	0	0
NORTHEASTERN OKLA A&M COL	407	0	0	0	0	0	0	182	0	0	0	0	0
NORTHEASTERN STATE COL	1,057	0	0	0	0	0	0	407	0	0	0	0	0
NORTHERN OKLAHOMA COL	129	0	0	0	0	0	0	1,046	0	0	11	0	0
NORTHWESTERN STATE COL	111	0	0	0	0	0	0	129	0	0	0	0	0
OKLAHOMA BAPTIST UNIV	328	0	0	0	0	0	0	102	0	0	9	0	0
OKLAHOMA CHRISTIAN COL	362	0	0	0	0	0	0	328	0	0	0	0	0
OKLAHOMA CITY UNIV	259	0	0	0	72	0	0	354	0	0	8	0	0
OKLAHOMA COL LIBERAL ARTS	324	0	0	0	0	0	0	173	0	0	14	0	0
OKLAHOMA STATE UNIV	12,158	4,500	15	0	1,252	0	0	324	0	0	0	0	0
ORAL ROBERTS UNIV	114	0	0	0	0	0	178	4,446	149	779	112	27	0
OSCAR ROSE JR COLLEGE	536	0	0	0	0	0	0	112	0	0	2	0	0
PANHANDLE STATE COLLEGE	59	0	0	0	0	0	0	411	0	0	125	0	0
PHILLIPS UNIV	154	0	0	0	0	0	0	59	0	0	0	0	0
SEMINOLE JR COL	143	0	0	0	0	0	0	164	0	0	0	0	0
SOUTHWESTERN STATE COL	1,407	0	0	0	0	0	0	143	0	0	0	0	0
SOUTHWESTERN COL	274	0	0	0	0	0	0	1,290	0	55	62	0	0
SOUTHWESTERN STATE COL	1,064	0	0	0	0	0	0	274	0	0	0	0	0
ST GREGORYS COL	219	0	0	0	0	0	0	140	0	0	224	0	0
TULSA JUNIOR COLLEGE	160	0	0	0	0	0	0	219	0	0	0	0	0
UNIV OF OKLAHOMA	13,371	0	42	106	440	0	0	160	0	0	0	0	0
UNIV OF TULSA	504	0	0	0	0	0	45	10,914	119	76	1,787	90	0
								328	15	46	69	0	0
OREGON, TOTAL	51,122	2,967	804	1,762	1,718	249	661	35,257	256	504	6,646	0	298
BLJE MOUNTAIN COMM COL	85	0	0	0	0	0	0	45	0	0	0	0	0
CENTRAL OREGON COMM COL	266	0	0	0	0	0	0	266	0	0	0	0	0
CHEMUKETA COMMUNITY COL	205	0	0	0	0	0	0	205	0	0	0	0	0
CLACKAMUS COMMUNITY COL	138	0	0	0	0	0	0	138	0	0	0	0	0
CLATSOP COMM COL	123	0	0	0	0	0	0	123	0	0	0	0	0
COLUMBIA CHRISTIAN COL	110	0	0	0	0	0	0	110	0	0	0	0	0
CONCORDIA COL	21	0	0	0	0	0	0	21	0	0	0	0	0
EASTERN OREGON COL	177	0	0	0	0	0	0	177	0	0	0	0	0
GEORGE FOX COL	149	0	0	0	0	0	0	149	0	0	0	0	0
LANE COMM COL	1,014	0	0	0	0	0	0	189	0	0	0	0	0
LEWIS AND CLARK COL	213	0	0	0	0	0	0	1,012	0	0	2	0	0
LINFILDO COL	442	0	0	3	0	0	0	213	0	0	0	0	0
LINN BENTON COMM COL	203	0	0	0	0	0	0	333	0	69	37	0	0
MARYLHURST COL	67	0	0	0	0	0	0	263	0	0	0	0	0
MT ANGEL COL	149	0	0	0	0	0	0	67	0	0	0	0	0
MT ANGEL SEMINARY	7	0	0	0	0	0	0	149	0	0	0	0	0
MT HOOD COMM COL	334	0	0	0	0	0	0	7	0	0	0	0	0
MUSEUM ART SCHOOL	21	0	0	0	0	0	0	334	0	0	0	0	0
OREG ST HIGH ED CEN SYS	46	0	0	0	0	0	0	21	0	0	0	0	0
OREGON COL OF EDUCATION	1,000	2	29	0	0	0	0	46	0	0	0	0	0
OREGON GRADUATE CENTER	397	0	0	0	126	0	0	435	0	0	134	0	0
OREGON STATE UNIV	16,879	2,959	467	1,759	1,070	0	644	130	0	0	141	0	0
OREGON TECH INST	273	0	0	0	0	0	0	273	256	271	3,963	0	219
PACIFIC UNIV	972	0	4	0	0	0	0	968	0	0	0	0	0
PORTLAND COMM COL	525	0	0	0	0	0	0	523	0	0	2	0	0
PORTLAND STATE UNIVERSITY	3,457	6	0	0	64	0	13	3,283	0	0	91	0	0
REED COL	397	0	0	0	57	0	0	220	0	0	120	0	0
SOUTHERN OREGON COL	1,094	0	0	0	9	0	0	1,009	0	0	76	0	0
SOUTHWESTN OREG COMM COL	135	0	0	0	0	0	0	135	0	0	0	0	0
TREASURE VALLEY COMM COL	193	0	0	0	0	0	0	193	0	0	0	0	0
J OREGON DENTAL SCHOOL	674	0	0	0	103	0	0	575	0	0	0	0	0
U OREGON MEDICAL SCHOOL	9,152	0	42	0	20	0	0	9,050	0	0	0	0	0
UMPUGA COMM COL	56	0	0	0	0	0	0	56	0	0	0	0	0
UNIV OF OREGON - EUGENE	11,453	0	222	0	269	249	0	164	0	164	1,992	0	79
UNIV OF PORTLAND	391	0	0	0	0	0	0	305	0	0	86	0	0
WARNER PACIFIC COL	93	0	0	0	0	0	0	93	0	0	0	0	0
WESTERN BAPTIST BIBLE COL	5	0	0	0	0	0	0	5	0	0	0	0	0
WESTERN CONS BAPTIST SEM	13	0	0	0	0	0	0	13	0	0	0	0	0
WILLAMETTE UNIV	149	0	0	0	0	0	0	147	0	0	2	0	0
PENNSYLVANIA, TOTAL	201,176	4,145	3,855	335	4,657	292	1,120	150,573	1,230	2,120	23,978	622	349
ALBRIGHT COL	107	0	0	0	0	0	0	101	0	0	6	0	0
ACLEGHENY COL	477	0	0	0	0	0	0	175	0	0	302	0	0

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	OOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
PENNSYLVANIA													
ALLEGHENY COUNTY COMM COL	1,149	0	0	0	0	0	0	1,149	0	0	0	0	0
ALLIANCE COL	87	0	0	0	0	0	0	87	0	0	0	0	0
ALLNTWN COL ST FR DESALFS	174	0	0	0	0	0	0	160	0	0	14	0	0
ALVERNIA COL	46	0	0	0	0	0	0	46	0	0	0	0	0
BEAVER COL	255	0	0	0	0	0	0	127	0	0	128	0	0
BLOODSBURG STATE COL	406	0	0	0	0	0	0	406	0	0	0	0	0
BRYN MAWR COL	831	0	0	0	0	0	0	768	0	0	63	0	0
BUCKNELL UNIV	505	0	0	0	0	0	0	418	0	0	87	0	0
BUCKS COUNTY COMM COL	219	0	0	0	0	0	0	217	0	0	2	0	0
BUTLER COUNTY COMM COL	108	0	0	0	0	0	0	108	0	0	0	0	0
CARRINI COL	80	0	0	0	0	0	0	80	0	0	0	0	0
CALIFORNIA STATE COL	1,083	0	0	0	0	0	0	1,083	0	0	0	0	0
CARLOW COLLEGE	402	0	0	0	0	0	0	390	0	0	12	0	0
CARNEGIE MELLON UNIV	10,331	0	1,505	0	2,897	0	6	1,964	0	139	3,581	135	0
CEDAR CREST COL	72	0	0	0	0	0	0	63	0	0	9	0	0
CHATHAM COL	196	0	0	0	0	0	0	182	0	0	4	0	0
CHESTNUT HILL COL	23	0	0	0	0	0	0	23	0	0	0	0	0
CHEYNEY STATE COL	1,230	0	0	0	0	0	0	1,003	0	0	227	0	0
CLAPTON STATE COL	939	0	0	0	0	0	0	896	0	0	43	0	0
COL WISE PICORDIA	188	0	0	0	0	0	0	188	0	0	0	0	0
COMM COL OF BEAVER COUNTY	189	0	0	0	0	0	0	189	0	0	0	0	0
COMM COL OF DELAWARE CNTY	491	0	0	0	0	0	0	491	0	0	0	0	0
COMM COL OF PHILADELPHIA	1,076	0	0	0	0	0	0	1,076	0	0	0	0	0
DEL VALLEY COL SCI & AGR	303	0	0	0	0	0	0	303	0	0	0	0	0
DICKINSON COL	262	0	0	0	0	0	0	244	0	0	18	0	0
DREXEL UNIVERSITY	3,123	0	0	0	434	0	523	1,380	0	176	610	0	0
DRPSIE UNIVERSITY	19	0	0	0	0	0	0	19	0	0	0	0	0
DUQUESNE UNIV	1,082	0	0	0	0	0	0	1,059	0	0	23	0	0
EAST STROUDSBURG STATE COL	401	0	0	0	0	0	0	401	0	0	0	0	0
EASTERN BAPTIST COL	234	0	0	0	0	0	0	234	0	0	0	0	0
EDINBORO STATE COL	468	0	0	0	0	0	0	419	0	0	49	0	0
ELIZABETHTOWN COL	204	0	0	0	0	0	0	163	0	0	41	0	0
ELLEN DUSHING JR COL	66	0	0	0	0	0	0	66	0	0	0	0	0
FRANKLIN AND MARSHALL COL	843	0	0	0	0	0	0	452	0	0	241	150	0
GANNON COL	816	0	0	0	0	0	0	781	0	0	35	0	0
GENEVA COL	119	0	0	0	0	0	0	108	0	0	11	0	0
GETTYSBURG COL	94	0	0	0	0	0	0	84	0	0	0	0	0
GWYNEDD-MERCY COL	166	0	0	0	0	0	0	166	0	0	0	0	0
HAHNEMANN MED COL & HOSP	3,330	0	0	0	306	0	0	7,971	0	0	53	0	0
HARCUM JR COL	18	0	0	0	0	0	0	18	0	0	0	0	0
HARRISBURG AREA COMM COL	81	0	0	0	0	0	0	81	0	0	0	0	0
HAVERFORD COL	528	0	0	0	0	0	0	482	0	0	46	0	0
HOLY FAMILY COL	34	0	0	0	0	0	0	31	0	0	3	0	0
IMMACULATA COL	131	0	0	0	0	0	0	131	0	0	0	0	0
INDIANA UNIV OF PA	2,382	0	0	0	0	0	0	2,357	0	0	25	0	0
JUNIATA COL	157	0	0	0	0	0	0	132	0	0	25	0	0
KEYSTONE JR COL	187	0	0	0	0	0	0	182	0	0	5	0	0
KINGS COL	442	0	0	0	0	0	0	421	0	0	21	0	0
KUTZTOWN STATE COL	296	0	0	0	0	0	0	296	0	0	0	0	0
LA ROCHE COL	149	0	0	0	0	0	0	149	0	0	0	0	0
LACKAWANNA JR COL	56	0	0	0	0	0	0	56	0	0	0	0	0
LAFAVETTE COL	74	0	0	0	0	0	0	21	0	0	53	0	0
LASALLE COL	424	0	0	0	0	0	0	421	0	0	3	0	0
LEBANON VALLEY COL	385	0	0	0	0	0	0	385	0	0	0	0	0
LEHIGH CO COMMUNITY COL	269	0	0	0	0	0	0	269	0	0	0	0	0
LEHIGH UNIV	3,255	0	36	182	445	0	0	347	128	239	1,978	0	0
LINCOLN UNIV	1,949	0	20	0	0	0	0	1,920	0	0	9	0	0
LOCK HAVEN STATE COL	513	0	0	0	0	0	0	483	0	0	30	0	0
LUTHERAN THEOL SEMINARY	55	0	0	0	0	0	0	55	0	0	0	0	0
LUTHERAN THEOL SEMINARY	22	0	0	0	0	0	0	22	0	0	0	0	0
LUZERNE COUNTY COMM COL	69	0	0	0	0	0	0	69	0	0	0	0	0
LYCOMING COL	140	0	0	0	0	0	0	136	0	0	4	0	0
MANOR JR COL	9	0	0	0	0	0	0	9	0	0	0	0	0
MANSFIELD STATE COL	312	0	0	0	0	0	0	295	0	0	17	0	0
MARYWOOD COL	781	0	0	0	0	0	0	781	0	0	0	0	0
MEDICAL COLLEGE OF PA	3,502	0	0	0	0	0	0	3,456	0	0	46	0	0
MERCYHURST COL	189	0	0	0	0	0	0	166	0	0	23	0	0
MESSIAH COL	664	0	0	0	0	0	0	663	0	0	1	0	0
MILLERSVILLE STATE COL	322	0	0	0	0	0	0	301	0	0	21	0	0
MONTGOMERY CNTY COMM COL	386	0	0	0	0	0	0	386	0	0	0	0	0
MORAVIAN COL	121	0	0	0	0	0	0	97	0	0	24	0	0
MT ALOYSIUS JR COL	91	0	0	0	0	0	0	91	0	0	0	0	0
MUHLENBERG COL	86	0	0	0	0	0	0	51	0	0	35	0	0
NEW CASTLE BUSINESS COL	73	0	0	0	0	0	0	73	0	0	0	0	0
NORTHAMPTON CNTY COMM COL	498	0	0	0	0	0	0	498	0	0	0	0	0
NORTHEASTN CHRISTN JR COL	57	0	0	0	0	0	0	57	0	0	0	0	0
OUR LADY OF ANGELS COL	21	0	0	0	0	0	0	21	0	0	0	0	0
PA COL OF PODIATRIC MED	383	0	0	0	0	0	0	383	0	0	0	0	0

114

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOJ	DOE	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
PENNSYLVANIA													
PEIRCE JR COL	67	0	0	0	0	0	0	67	0	0	0	0	0
PENN WESLEYAN COLLEGE	71	0	0	0	0	0	0	71	0	0	0	0	0
PENNSYLVANIA COL OPTOMF	431	0	0	0	0	0	0	431	0	0	0	0	0
PENNSYLVANIA STATE UNIV	29,931	8,090	246	62	1,183	0	459	13,359	756	747	3,669	159	101
PHILA COL OF PHARM & SCI	579	0	0	0	0	0	0	572	0	0	7	0	0
PHILA COL OF TEXT & SCI	107	0	0	0	0	0	0	98	0	0	9	0	0
PHILA COL OSTEOPATHIC MED	1,494	0	0	0	0	0	0	1,494	0	0	0	0	0
PHILADELPHIA COL OF ART	103	0	0	0	0	0	0	103	0	0	0	0	0
PHILADELPHIA COL OF BIL	178	0	0	0	0	0	0	178	0	0	0	0	0
PHILADELPHIA MUSICAL ACADEM	30	0	0	0	0	0	0	30	0	0	0	0	0
PHILCO TECHNICAL INST	21	0	0	0	0	0	0	21	0	0	0	0	0
POINT PARK COL	263	0	0	0	0	0	0	263	0	0	0	0	0
ROBERT MORRIS COLLEGE	424	0	0	0	0	0	0	424	0	0	0	0	0
ROSEMONT COL	50	0	0	0	0	0	0	50	0	0	0	0	0
SETON HILL COL	319	0	0	0	0	0	0	271	0	0	48	0	0
SHIPPENSBURG STATE COL	376	0	0	0	0	0	0	373	0	0	3	0	0
SLIPPERY ROCK STATE COL	741	0	0	0	0	0	0	678	0	0	63	0	0
SPRING GARDEN COLLEGE	36	0	0	0	0	0	0	36	0	0	0	0	0
ST CHARLES BORROMEO SEM	90	0	0	0	0	0	0	90	0	0	0	0	0
ST FIDELIS COLLEGE	29	0	0	0	0	0	0	29	0	0	0	0	0
ST FRANCIS COL	258	0	0	0	0	0	0	258	0	0	0	0	0
ST JOSEPHS COL	207	0	0	0	10	0	0	197	0	0	0	0	0
ST VINCENT COL	206	0	0	0	0	0	0	206	0	0	0	0	0
SUSQUEHANNA UNIV	294	0	0	0	0	0	0	274	0	0	20	0	0
SWARTHMORE COL	666	0	0	0	0	0	0	211	0	15	440	0	0
TEMPLE UNIV	19,829	0	62	0	204	0	7	18,663	0	33	789	0	72
THIEL COL	292	0	0	0	0	0	0	252	0	0	40	0	0
THOS JEFFERSON UNIV HOSP	9,704	0	56	0	12	0	0	9,617	0	0	19	0	0
UNIV OF PENNSYLVANIA	44,875	55	1,564	47	1,979	292	47	33,572	197	132	5,688	178	124
UNIV OF PITTSBURGH	29,701	0	366	0	1,167	0	79	23,453	149	639	3,901	0	49
UNIV OF SCRANTON	711	0	0	0	0	0	0	650	0	0	61	0	0
URBINUS COL	134	0	0	0	0	0	0	134	0	0	0	0	0
VILLA MARTA COL	214	0	0	0	0	0	0	215	0	0	19	0	0
VILLANOVA UNIV	448	0	0	0	20	0	0	398	0	0	40	0	0
WASHINGTON & JEFFERSON COL	60	0	0	0	0	0	0	47	0	0	13	0	0
WAYNESBURG COL	92	0	0	0	0	0	0	86	0	0	6	0	0
WEST CHESTER STATE COL	654	0	0	0	0	0	0	629	0	0	25	0	0
WESTMINSTER COL	294	0	0	0	0	0	0	261	0	0	23	0	0
WIDENER COLLEGE	392	0	0	0	0	0	0	291	0	0	11	0	0
WILKES COL	1,164	0	0	0	0	0	0	1,106	0	0	58	0	0
WILLIAMSPORT AREA COM COL	281	0	0	0	0	0	0	184	0	0	17	0	0
WILSON COL	71	0	0	0	0	0	0	39	0	0	32	0	0
YORK COL OF PENNSYLVANIA	164	0	0	44	0	0	0	120	0	0	0	0	0
RHODE ISLAND, TOTAL	21,671	1,070	607	1,336	2,046	0	195	9,841	215	204	6,144	13	0
BARRINGTON COL	458	0	0	0	0	0	0	458	0	0	0	0	0
BROWN UNIV	10,332	0	592	100	979	0	0	4,440	60	204	4,957	0	0
RYANT COL	410	0	0	0	0	0	0	410	0	0	0	0	0
JOHNSON & WALES COLLEGE	307	0	0	0	0	0	0	307	0	0	0	0	0
MT ST JOSEPH COL	19	0	0	0	0	0	0	19	0	0	0	0	0
PROVIDENCE COL	496	0	0	0	0	0	0	470	0	0	26	0	0
RHODE ISLAND COL	794	0	0	0	0	0	0	670	0	0	124	0	0
RHODE ISLAND JP COL	262	0	0	0	0	0	0	262	0	0	0	0	0
RHODE ISLAND SCH DESIGN	166	0	0	0	14	0	0	152	0	0	0	0	0
ROSEB WILLIAMS COLLEGE	509	0	0	0	0	0	0	509	0	0	0	0	0
SALVE REGINA COL	143	0	0	0	0	0	0	137	0	0	6	0	0
SEMINARY OUR LADY OF PROV	19	0	0	0	0	0	0	19	0	0	0	0	0
UNIV OF RHODE ISLAND	7,756	1,070	15	1,236	1,153	0	195	1,988	155	0	1,931	13	0
SOUTH CAROLINA, TOTAL	35,305	6,019	55	9	509	0	360	26,489	187	101	1,514	63	0
ALLEN UNIV	1,037	0	0	0	0	0	0	1,035	0	0	2	0	0
ANDERSON COL	5	0	0	0	0	0	0	5	0	0	0	0	0
BAPTIST COL AT CHARLESTON	572	0	0	0	0	0	0	572	0	0	0	0	0
BENEDICT COL	1,723	0	0	0	0	0	0	1,723	0	0	0	0	0
BOY JONES UNIV	2	0	0	0	0	0	0	2	0	0	0	0	0
BRKLY-CH-DRCHSTR TE ED CO	94	0	0	0	0	0	0	94	0	0	0	0	0
CENTRAL WESLEYAN COL	646	0	0	0	0	0	0	646	0	0	0	0	0
CHESTERFIELD-MAR TECH CTR	12	0	0	0	0	0	0	12	0	0	0	0	0
CITADEL THE MILIT COL S C	27	0	0	0	0	0	0	17	0	0	10	0	0
CLAFLIN COL	791	0	0	0	0	0	0	789	0	0	2	0	0
CLEMSON UNIV	6,398	5,312	0	5	254	0	51	256	187	36	283	4	0
COCKER COL	121	0	0	0	0	0	0	121	0	0	0	0	0
COL OF CHARLESTON	374	0	0	0	0	0	0	374	0	0	0	0	0
COLUMBIA COL	130	0	0	0	0	0	0	130	0	0	0	0	0
ERSKINE COL	262	0	0	0	0	0	0	262	0	0	0	0	0
FRANCIS HARTON COLLEGE	146	0	0	0	0	0	0	146	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
SOUTH CAROLINA													
FRIENDSHIP JR COL	114	0	0	0	0	0	0	115	0	0	3	0	0
FURMAN UNIV	239	0	0	0	0	0	0	177	0	0	62	0	0
GREENVILLE TECH ED CTR	273	0	0	0	0	0	9	264	0	0	0	0	0
HORRY-GORGMAN TECH ED CTR	36	0	0	0	0	0	0	36	0	0	0	0	0
LANDER COL	235	0	0	0	0	0	0	235	0	0	0	0	0
LIMESTONE COL	45	0	0	0	0	0	0	45	0	0	0	0	0
MED UNIV OF S CAROLINA	1,254	0	0	0	149	0	249	7,429	0	0	31	0	0
MIDLANDS TECH EDU CENTER	112	0	0	0	0	0	0	112	0	0	0	0	0
MORRIS COL	803	0	0	0	0	0	0	803	0	0	0	0	0
NEWBERRY COL	32	0	0	0	0	0	0	32	0	0	0	0	0
NORTH GREENVILLE JR COL	45	0	0	0	0	0	0	45	0	0	0	0	0
ORANGEBURG-CALHM TECH ED CTR	48	0	0	0	0	0	0	48	0	0	0	0	0
PALMER COLLEGE	508	0	0	0	0	0	0	508	0	0	0	0	0
PIEDMONT TECH ED CTR	104	0	0	0	0	0	0	104	0	0	0	0	0
PRESBYTERIAN COL	150	0	0	0	0	0	0	141	0	0	9	0	0
RENCE-MARLINGTON TECH SCH	105	0	0	0	0	0	0	105	0	0	0	0	0
SOUTH CAROLINA STATE COL	1,816	707	0	0	0	0	0	1,030	0	0	0	0	0
SPARTANBURG JR COL	61	0	0	0	0	0	0	61	0	0	0	0	0
SPRINGBRG CNTY TECH ED CTR	91	0	0	0	0	0	0	91	0	0	0	0	0
SUMTER AREA TECH ED CTR	54	0	0	0	0	0	0	54	0	0	0	0	0
TRI-COUNTY TECH ED CTR	55	0	0	0	0	0	0	65	0	0	0	0	0
UNIV OF SOUTH CAROLINA	1,109	0	55	3	106	0	51	6,748	0	65	1,022	59	0
WOODRUFES COL	920	0	0	0	0	0	0	919	0	0	2	0	0
WINTHROP COL	231	0	0	0	0	0	0	231	0	0	0	0	0
WOFFORD COL	174	0	0	0	0	0	0	138	0	0	0	0	0
YORK COUNTY TECH ED CTR	39	0	0	0	0	0	0	39	0	0	0	0	0
SOUTH DAKOTA, TOTAL	16,279	2,343	43	20	105	0	52	11,443	1,104	11	1,103	15	0
SOUTH DAKOTA, INSTITUTIONS													
AUGUSTANA COL	576	0	0	0	0	0	0	566	0	0	110	0	0
BLACK HILLS STATE COL	928	0	0	0	0	0	0	928	0	0	0	0	0
DAKOTA STATE COLLEGE	425	0	0	0	0	0	0	425	0	0	0	0	0
DAKOTA WESLEYAN UNIV	137	0	0	0	0	0	0	137	0	0	0	0	0
FREEMAN JR COL	7	0	0	0	0	0	0	7	0	0	0	0	0
HURON COL	566	0	0	0	0	0	0	566	0	0	0	0	0
MT MARTY COL	349	0	0	0	0	0	0	295	0	0	54	0	0
NAT COLLEGE OF BUSINESS	45	0	0	0	0	0	0	45	0	0	0	0	0
NORTHERN STATE COL	496	0	0	0	0	0	0	496	0	0	0	0	0
PRESENTATION COL	94	0	0	0	0	0	0	94	0	0	0	0	0
STOIX FALLS COL	212	0	0	0	0	0	0	176	0	0	36	0	0
SOUTH DAK SCH MINES TECH	1,231	0	0	20	91	0	0	147	741	6	226	0	0
SOUTH DAKOTA STATE UNIV	3,947	2,343	11	0	14	0	0	974	353	5	147	0	0
NORTHERN STATE COL	109	0	0	0	0	0	0	109	0	0	0	0	0
UNIV OF SOUTH DAKOTA	6,494	0	32	0	0	0	2	6,355	0	0	490	15	0
YANKTON COL	163	0	0	0	0	0	0	163	0	0	0	0	0
TENNESSEE, TOTAL	15,561	7,802	1,741	142	963	65	171	69,944	378	411	4,610	349	85
TENNESSEE, INSTITUTIONS													
AQUINAS JR COL	16	0	0	0	0	0	0	16	0	0	0	0	0
AUSTIN PEAY STATE UNIV	354	0	0	0	0	0	0	326	0	0	28	0	0
BELMONT COL	120	0	0	0	0	0	0	120	0	0	0	0	0
BETHEL COL	79	0	0	0	0	0	0	79	0	0	0	0	0
BRYAN COLLEGE	90	0	0	0	0	0	0	90	0	0	0	0	0
CARSON-NEWMAN COL	269	0	0	0	0	0	0	251	0	0	18	0	0
CHATTANOOGA ST TECH INST	64	0	0	0	0	0	0	64	0	0	0	0	0
CHRISTIAN BROTHERS COL	441	0	0	0	0	0	0	362	0	0	79	0	0
CLEVELAND STATE COMM COL	170	0	0	0	0	0	0	168	0	0	2	0	0
COLUMBIA STATE COMM COL	170	0	0	0	0	0	0	170	0	0	0	0	0
CUMBERLAND COL OF TENN	71	0	0	0	0	0	0	71	0	0	0	0	0
DAVID LIPSCOMB COL	140	0	0	0	0	0	0	123	0	0	17	0	0
DIERSBURG STATE COMM COL	137	0	0	0	0	0	0	137	0	0	0	0	0
EAST TENNESSEE STATE UNIV	1,644	0	0	0	0	0	0	1,626	0	0	22	0	0
FISK UNIV	1,526	0	0	0	0	0	0	1,434	0	0	92	0	0
FREED-HARMEMAN COL	192	0	0	0	0	0	0	192	0	0	0	0	0
GEORGE PEABODY COL THRS	2,043	0	0	0	0	0	0	1,908	0	0	135	0	0
HMASSEE COL	152	0	0	0	0	0	0	152	0	0	0	0	0
JACKSON STATE COMM COL	69	0	0	0	0	0	0	69	0	0	0	0	0
JOHNSON STATE COLLEGE	14	0	0	0	0	0	0	18	0	0	0	0	0
KING COL	42	0	0	0	0	0	0	42	0	0	0	0	0
KNOXVILLE COL	1,514	0	0	0	0	0	0	1,408	0	0	106	0	0
LAMBETH COL	200	0	0	0	0	0	0	199	0	0	1	0	0
LANE COL	2,037	0	0	0	0	0	0	1,796	0	0	241	0	0
LE MOYNE-CWEN COL	594	0	0	0	0	0	0	594	0	0	0	0	0
LEF COL	294	0	0	0	0	0	0	294	0	0	0	0	0
LINCOLN MEMORIAL UNIV	123	0	0	0	0	0	0	123	0	0	0	0	0
MARTIN COL	91	0	0	0	0	0	0	91	0	0	0	0	0
MARYVILLE COL	266	0	0	0	0	0	0	266	0	0	0	0	0
MCKENZIE COL	106	0	0	0	0	0	0	106	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	OOD	DED	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
TENNESSEE													
MEHARPY MEDICAL COL	13,368	0	0	0	0	0	0	13,368	0	0	0	0	0
MEMPHIS ACADEMY OF ARTS	27	0	0	0	0	0	0	27	0	0	0	0	0
MEMPHIS STATE UNIV	1,922	0	0	65	79	0	0	1,663	0	0	40	0	0
MIDDLE TENN STATE UNIV	559	0	0	0	0	0	0	478	0	0	81	0	75
MILLIGAN COL	95	0	0	0	0	0	0	95	0	0	0	0	0
MORRISTOWN COL	446	0	0	0	0	0	0	446	0	0	0	0	0
MOTLOW STATE COMM COL	59	0	0	0	0	0	0	59	0	0	0	0	0
NASHVILLE STATE TECH INST	55	0	0	0	0	0	0	55	0	0	0	0	0
SCARRITT COL CHRISTN WKRS	6	0	0	0	0	0	0	6	0	0	0	0	0
SOUTHERN COL OF OPTOMETRY	492	0	0	0	0	0	0	492	0	0	0	0	0
SOUTHERN MISSIONARY COL	351	0	0	0	0	0	0	351	0	0	0	0	0
SOUTHWESTERN AT MEMPHIS	257	0	0	0	0	0	0	199	0	0	58	0	0
STATE TECH INST MEMPHIS	49	0	0	0	0	0	0	49	0	0	0	0	0
STEED COL	14	0	0	0	0	0	0	14	0	0	0	0	0
TENNESSEE STATE UNIV	7,275	876	11	0	0	0	0	2,332	0	0	56	0	0
TENNESSEE TECHNOLOG UNIV	643	0	0	0	45	0	0	477	0	55	105	0	0
TENNESSEE TEMPLE COL	2	0	0	0	0	0	0	2	0	0	0	0	0
TENNESSEE WESLEYAN COL	60	0	0	0	0	0	0	60	0	0	0	0	0
TREVECCA NAZARENE COL	299	0	0	0	0	0	0	299	0	0	0	0	0
TUSCULUM COL	209	0	0	0	0	0	0	207	0	0	2	0	0
U OF TENN MED UNITS MEMPH	10,168	0	71	0	97	0	0	9,954	0	0	46	0	0
UNIV UNIV	135	0	0	0	0	0	0	135	0	0	0	0	0
UNIV OF TENN AT CHATTNGA	1,878	0	0	77	0	0	0	1,430	0	0	22	349	0
UNIV OF TENN AT KNOXVILLE	15,917	6,925	1,520	0	465	65	29	6,416	378	256	753	0	10
UNIV OF TENN AT MARTIN	671	0	0	0	0	0	0	671	0	0	0	0	0
UNIV OF TENN GEN SYS	259	0	0	0	125	0	0	117	0	0	16	0	0
UNIV OF TENN, NASHVILLE	276	0	0	0	0	0	0	276	0	0	0	0	0
UNIV OF THE SOUTH	167	1	0	0	0	0	0	92	0	0	74	0	0
VANDESBILT UNIV	20,872	0	139	0	151	0	142	17,724	0	100	2,616	0	0
WALTERS STATE COMM COLL	71	0	0	0	0	0	0	71	0	0	0	0	0
TEXAS, TOTAL	158,423	12,787	2,400	1,720	9,654	2,571	744	134,195	699	7,827	13,750	785	1,291
117													
ABILENE CHRISTIAN COL	481	0	0	0	0	0	0	474	0	0	7	0	0
ALVIN JR COL	116	0	0	0	0	0	0	116	0	0	0	0	0
AMARILLO COL	59	0	0	0	0	0	0	55	0	0	4	0	0
ANGELINA COL	197	0	0	0	0	0	0	187	0	0	0	0	0
ANGELO STATE UNIVERSITY	330	0	0	0	0	0	0	330	0	0	0	0	0
AUSTIN COL	156	0	0	0	0	0	0	130	0	0	36	0	0
BAYLOR COL OF DENTISTRY	1,045	0	0	0	0	0	0	1,045	0	0	0	0	0
BAYLOR COL OF MEDICINE	17,155	0	0	0	107	0	100	16,518	0	368	62	0	0
BAYLOR UNIV	3,239	0	33	0	107	0	0	2,979	0	0	120	0	0
BEE COUNTY COL	142	0	0	0	0	0	0	142	0	0	0	0	0
BISHOP COL	2,542	0	0	0	27	0	0	2,408	0	0	107	0	0
BLINN COL	77	0	0	0	0	0	0	77	0	0	0	0	0
BRAZOSPORT JR COL	126	0	0	0	0	0	0	126	0	0	0	0	0
CENTRAL TEXAS COL	322	0	0	0	0	0	0	322	0	0	0	0	0
CHRISTIAN COL SOUTHWEST	13	0	0	0	0	0	0	13	0	0	0	0	0
CISCO JR COL	136	0	0	0	0	0	0	136	0	0	0	0	0
CLARENDON COL	181	0	0	0	0	0	0	181	0	0	0	0	0
COL OF THE MAINLAND	232	0	0	0	0	0	0	232	0	0	0	0	0
CONCORDIA LUTH COL OF TEX	24	0	0	0	0	0	0	24	0	0	0	0	0
COOKE COUNTY JR COL	443	0	0	0	0	0	0	443	0	0	0	0	0
DALLAS BAPTIST COL	362	0	0	0	0	0	0	360	0	0	2	0	0
DALLAS COUNTY JR COL DIST	1,040	0	0	0	0	0	0	1,078	0	0	2	0	0
DEL MAR COL	195	0	0	0	0	0	0	195	0	0	0	0	0
DOMINICAN COLLEGE	159	0	0	0	0	0	0	159	0	0	0	0	0
EAST TEXAS BAPTIST COL	247	0	0	0	0	0	0	247	0	0	0	0	0
EAST TEXAS STATE UNIV	516	0	0	0	0	0	0	454	0	0	58	0	0
EL PASO COMMUNITY COLLEGE	356	0	0	0	0	0	0	366	0	0	0	0	0
FORT WORTH CHRISTIAN COL	13	0	0	0	0	0	0	13	0	0	0	0	0
FRANK PHILLIPS COL	27	0	0	0	0	0	0	27	0	0	0	0	0
GALVESTON COLLEGE	232	0	0	0	0	0	0	232	0	0	0	0	0
GRAYSON COUNTY JR COL	211	0	0	0	0	0	0	211	0	0	0	0	0
GULF COAST BIBLE COL	29	0	0	0	0	0	0	29	0	0	0	0	0
HARDIN-SIMMONS UNIV	427	0	0	0	0	0	0	427	0	0	0	0	0
HENDERSON COUNTY JR COL	145	0	0	0	0	0	0	145	0	0	0	0	0
HILL JR COL	98	0	0	0	0	0	0	98	0	0	0	0	0
HOUSTON BAPTIST COL	291	0	0	0	0	0	0	260	0	20	11	0	0
HOWARD COUNTY JR COL	145	0	0	0	0	0	0	145	0	0	0	0	0
HOWARD PAYNE COL	195	0	0	0	0	0	0	195	0	0	0	0	0
HUSTON-TILLOTSON COL	996	0	0	0	0	0	0	996	0	0	0	0	0
INCARNATE WORD COL	545	0	0	0	0	0	0	574	0	0	11	0	0
JACKSONVILLE COL	30	0	0	0	0	0	0	30	0	0	0	0	0
JARVIS CHRISTIAN COLLEGE	1,124	0	0	0	0	0	0	1,124	0	0	0	0	0
KILGORE COL	229	0	0	0	0	0	0	229	0	0	0	0	0
LAMAR UNIVERSITY	723	0	0	0	0	297	0	320	0	9	97	0	0
LAREDO JR COL	401	0	0	0	0	0	0	401	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AFC	COM	DOO	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
TEXAS													
LFE COL	53	0	0	0	0	0	0	53	0	0	0	0	0
LETOUNEAU COL	227	0	0	0	0	0	0	227	0	0	0	0	0
LON MORRIS COL	58	0	0	0	0	0	0	58	0	0	0	0	0
LUBROCK CHRISTIAN COL	221	0	0	0	0	0	0	220	0	0	1	0	0
MARY HARDIN-BAYLOR COL	218	0	0	0	0	0	0	218	0	0	0	0	0
MCLENNAN COMM COL	303	0	0	0	0	0	0	301	0	0	2	0	0
MCMURPHY COL	335	0	0	0	0	0	0	333	0	0	2	0	0
MIDWESTERN UNIV	320	0	0	0	0	0	0	318	0	0	2	0	0
NAVARRO JP COL	125	0	0	0	0	0	0	125	0	0	0	0	0
NORTH TEXAS STATE UNIV	1,370	0	0	0	0	0	11	1,215	0	51	43	0	10
ODESSA COL	270	0	0	0	0	0	0	270	0	0	0	0	0
OUR LADY OF THE LAKE COL	1,298	0	0	0	0	0	0	1,298	0	0	0	0	0
PAN AMERICAN UNIVERSITY	2,073	0	0	0	0	449	0	1,587	0	0	2	35	0
PANDOLA COL	221	0	0	0	0	0	0	221	0	0	0	0	0
PARIS JR COL	309	0	0	0	0	0	0	309	0	0	0	0	0
PAUL QUINN COL	1,188	0	0	0	0	0	0	1,188	0	0	0	0	0
PRAIRIE VIEW A & M COL	4,033	1,081	0	0	0	40	0	2,792	0	53	37	0	0
RANSER JR COL	350	0	0	0	0	0	0	350	0	0	0	0	0
RICE UNIV	5,991	0	734	0	441	0	0	1,736	0	994	1,931	0	155
SAM HOUSTON STATE UNIV	374	0	0	0	0	0	0	300	0	0	74	0	0
SAN ANTONIO COL	872	0	0	0	0	0	0	870	0	0	2	0	0
SAN JACINTO COL	60	0	0	0	0	0	0	60	0	0	0	0	0
SOUTH PLAINS COL	257	0	0	0	0	0	0	257	0	0	0	0	0
SOUTH TEXAS JR COL	173	0	0	0	0	0	0	173	0	0	0	0	0
SOUTHERN METHODIST UNIV	2,212	0	0	15	808	0	27	491	85	75	636	0	75
SOUTHWEST TEXAS JR COL	236	0	0	0	0	0	0	236	0	0	0	0	0
SOUTHWEST TEXAS ST UNIV	326	0	13	0	0	0	0	304	0	0	9	0	0
SOUTHWESTERN UNION COL	84	0	0	0	0	0	0	84	0	0	0	0	0
SOUTHWESTERN UNIV	14	0	0	0	0	0	0	12	0	0	2	0	0
SOUTHWESTERN ASSEMBL GOD COL	12	0	0	0	0	0	0	12	0	0	0	0	0
SOUTHWESTERN CHRISTIAN COL	195	0	0	0	0	0	0	195	0	0	0	0	0
ST EDWARDS UNIV	343	0	0	0	0	257	0	126	0	0	0	0	0
ST MARYS UNIV SAN ANTONIO	1,113	0	0	0	0	0	0	1,108	0	0	5	0	0
STEPHEN F AUSTIN ST UNIV	653	62	0	0	0	0	0	542	0	40	9	0	0
SUL PASS STATE UNIV	413	0	0	0	0	0	0	384	0	0	29	0	0
TARLETON STATE COL	313	0	0	0	0	0	0	313	0	0	0	0	0
TARRANT COUNTY JP COL	834	0	0	0	0	0	0	832	0	0	6	0	0
TEMPLE JP COL	166	0	0	0	0	0	0	166	0	0	0	0	0
TEXARKANA COL	115	0	0	0	0	0	0	115	0	0	0	0	0
TEXAS A & M UNIV	21,301	11,501	681	1,640	1,430	0	259	2,056	211	764	2,403	356	0
TEXAS A&M UNIV CEN SYS	1,257	17	0	0	0	0	30	88	289	0	0	0	833
TEXAS ARTS & INDUST UNIV	996	0	0	0	54	0	0	1,027	0	31	59	0	0
TEXAS CHRISTIAN UNIV	1,171	0	0	0	0	0	0	1,162	0	0	0	0	0
TEXAS COL	1,162	0	0	0	0	0	0	531	0	0	0	0	0
TEXAS COL OF OSTEO MED	531	0	0	0	0	0	0	250	0	0	7	0	0
TEXAS LUTHERAN COL	257	0	0	0	0	0	0	290	0	0	2	0	0
TEXAS SOUTHERN UNIV	2,765	0	0	0	0	0	0	2,649	0	0	116	0	0
TEXAS SOUTHWEST COL	292	0	0	0	0	0	0	612	0	0	8	0	0
TEXAS STATE TECH INST	620	0	0	0	0	0	0	1,792	46	88	160	0	13
TEXAS TECH UNIVERSITY	2,524	10	9	0	206	0	0	38	0	0	0	0	0
TEXAS WESLEYAN COL	38	0	0	0	0	0	0	1,812	0	1	15	0	0
TEXAS WOMANS UNIV	1,944	116	0	0	0	0	0	963	0	35	63	0	0
TRINITY UNIV	946	0	0	0	25	0	0	33	0	0	0	0	0
TYLER JR COL	33	0	0	0	0	0	0	1,622	0	43	0	0	0
U DENT BRANCH HOUSTON	1,665	0	0	0	0	0	0	808	0	0	40	0	0
U OF TEX GRAD SCH RIO SCI	848	0	0	0	150	719	0	3,698	0	20	20	0	0
U OF TEX MED SCH SAN ANT	4,607	0	0	0	0	0	0	1,064	0	0	37	0	0
U TEX HOUSTON MED SCHOOL	1,101	0	0	0	66	0	0	14,304	0	76	125	0	0
U TEX MD ANDRSN HOSPITUM	14,536	0	51	0	0	0	0	8,009	0	190	35	0	0
U TEX MD BRNCH GALVESTON	4,234	0	0	0	0	0	0	682	0	0	0	0	0
U TEX NURS SCH (UNIV-WIDE)	682	0	0	0	0	0	0	478	0	389	20	0	0
U TEX SCH PUB HLTH HOUSTN	887	0	0	0	0	0	0	136	0	0	0	0	0
U TEX SN ANTONIO DENT SCH	136	0	0	0	0	0	0	11,237	0	77	42	0	0
U TEX SW MED SCH DALLAS	11,554	0	7	0	191	0	0	293	0	0	0	0	0
UNIV OF CORPUS CHRISTI	233	0	0	0	0	0	0	128	0	0	0	0	0
UNIV OF DALLAS	152	0	0	0	0	24	0	0	0	0	0	0	0
UNIV OF HOUSTON	7,765	0	172	0	136	334	17	4,527	36	1,154	1,129	240	10
UNIV OF PLANO	17	0	0	0	0	0	0	17	0	0	0	0	0
UNIV OF ST THOMAS	329	0	0	0	45	0	0	259	0	0	25	0	0
UNIV OF TEXAS ARLINGTON	476	0	0	0	0	0	0	840	0	0	36	0	0
UNIV OF TEXAS AT AUSTIN	22,761	0	1,087	27	5,354	212	199	9,595	32	1,239	4,573	154	195
UNIV OF TEXAS AT DALLAS	4,148	0	0	38	151	0	0	1,066	0	2,100	793	0	0
UNIV OF TEXAS AT EL PASO	3,355	0	3	0	215	239	111	2,691	0	0	96	0	0
UNIV OF TEXAS GEN SYS	2,535	0	0	0	137	0	0	2,288	0	0	110	0	0
WAYLAND BAPTIST COL	252	0	0	0	0	0	0	250	0	0	2	0	0
WEATHERFORD COL	71	0	0	0	0	0	0	71	0	0	0	0	0
WEST TEXAS STATE UNIV	840	0	0	0	0	0	0	831	0	0	9	0	0
WESTERN TEXAS COLLEGE	226	0	0	0	0	0	0	226	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(COLLAPSE IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USOA	AEC	COM	DOO	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
TEXAS													
WHARTON COUNTY JR COL	421	0	0	0	0	0	0	421	0	0	0	0	0
WILEY COL	951	0	0	0	0	0	0	584	0	0	167	0	0
UTAH, TOTAL	47,170	1,812	1,504	227	4,420	0	397	10,249	1,356	1,104	5,188	311	402
BRIGHAM YOUNG UNIV	1,259	51	7	32	179	0	0	548	60	32	350	0	0
COLLEGE OF EASTERN UTAH	248	0	0	0	0	0	0	248	0	0	0	0	0
DIXIE COL	219	0	0	0	0	0	0	219	0	0	0	0	0
SNOW COLLEGE	250	0	0	0	0	0	0	260	0	0	0	0	0
SOUTHERN UTAH STATE COLL	572	0	0	0	0	0	0	493	0	0	79	0	0
STEVENS HENAGER COL	137	0	0	0	0	0	0	137	0	0	0	0	0
UNIV OF UTAH	32,342	2	1,445	168	2,340	0	219	24,079	417	1,032	2,719	111	110
UTAH HIGHER ED CEN SYS	50	0	0	0	0	0	0	50	0	0	0	0	0
UTAH STATE UNIV	10,491	1,755	52	27	2,201	0	178	2,355	479	40	2,020	200	692
UTAH TECHNICAL COL-PROVO	118	0	0	0	0	0	0	118	0	0	0	0	0
UTAH TECHNICAL COL-SLT LK	324	0	0	0	0	0	0	324	0	0	0	0	0
WEBER STATE COL	1,118	4	0	0	0	0	0	1,296	0	0	19	0	0
WESTMINSTER COL	122	0	0	0	0	0	0	122	0	0	0	0	0
VERMONT, TOTAL	13,416	1,410	21	0	375	0	69	10,598	100	15	501	146	0
BENNINGTON COL	323	0	0	0	0	0	0	301	0	0	22	0	0
CASTLETON STATE COL	227	0	0	0	0	0	0	227	0	0	0	0	0
CHAMPLAIN COL	96	0	0	0	0	0	0	96	0	0	0	0	0
COL OF ST JOSEPH THE PROV	24	0	0	0	0	0	0	24	0	0	0	0	0
GOODARD COL	440	0	0	0	0	0	0	440	0	0	0	0	0
GREEN MOUNTAIN COL	6	0	0	0	0	0	0	6	0	0	0	0	0
JOHNSON STATE COL	529	0	0	0	0	0	0	529	0	0	0	0	0
LYNDON STATE COL	305	0	0	0	0	0	0	305	0	0	0	0	0
MARLBORO COL	17	0	0	0	0	0	0	17	0	0	0	0	0
MIDDLEBURY COL	255	0	0	0	0	0	24	147	0	0	84	0	0
NORWICH UNIV	228	0	0	0	0	0	0	53	0	0	175	0	0
ST JOSEPH COL	40	0	0	0	0	0	0	40	0	0	0	0	0
ST MICHAELS COL	145	0	0	0	0	0	0	145	0	0	0	0	0
TRINITY COL	50	0	0	0	0	0	0	50	0	0	10	0	0
UNIV OF VERMONT	10,234	1,410	21	0	375	0	45	7,841	100	15	244	146	0
VERMONT COL	70	0	0	0	0	0	0	70	0	0	0	0	0
VERMONT TECHNICAL COL	135	0	0	0	0	0	0	135	0	0	0	0	0
WINDHAM COL	198	0	0	0	0	0	0	172	0	0	26	0	0
VIRGINIA, TOTAL	59,295	5,909	911	105	1,305	0	113	41,739	475	2,335	4,374	443	575
AVERETT COL	109	0	0	0	0	0	0	103	0	0	6	0	0
BLUE RIDGE COMMUNITY COL	95	0	0	0	0	0	0	86	0	0	0	0	0
BRIDGEWATER COL	97	0	0	0	0	0	0	97	0	0	0	0	0
CENTRAL VIRGINIA COMM COL	114	0	0	0	0	0	0	114	0	0	0	0	0
COL OF WILLIAM AND MARY	783	0	0	0	0	0	0	263	0	319	201	0	0
COLLEGE OF THE POTOMAC	31	0	0	0	0	0	0	31	0	0	0	0	0
JARNEY LANCASTER COMM COL	145	0	0	0	0	0	0	145	0	0	0	0	0
DANVILLE COMM COL	55	0	0	0	0	0	0	55	0	0	0	0	0
EASTERN MENNONITE COL	585	0	0	0	0	0	0	585	0	0	0	0	0
EASTERN SHORE CMTY COLL	57	0	0	0	0	0	0	57	0	0	0	0	0
EMORY & HENRY COL	100	0	0	0	0	0	0	100	0	0	0	0	0
FERRUM JR COL	263	0	0	0	0	0	0	263	0	0	0	0	0
GEORGE MASON UNIVERSITY	54	0	0	0	0	0	0	36	0	0	18	0	0
GERMANNA CMTY COLLEGE	95	0	0	0	0	0	0	95	0	0	0	0	0
HAMPDEN-SYDNEY COL	325	0	0	0	0	0	0	307	0	0	18	0	0
HAMPTON INST	2,048	0	0	0	0	0	0	1,933	0	26	89	0	0
HOLLINS COL	64	0	0	0	0	0	0	50	0	0	14	0	0
JOHN TYLER COMM COL	157	0	0	0	0	0	0	157	0	0	0	0	0
LONGWOOD COL	133	0	0	0	0	0	0	133	0	0	0	0	0
LORD FAIRFAX CMTY COLLEGE	186	0	0	0	0	0	0	186	0	0	0	0	0
LYNCHBURG COL	266	0	0	0	0	0	0	266	0	0	0	0	0
MADISON COL	254	0	0	0	0	0	0	252	0	0	2	0	0
MARY BALDWIN COL	20	0	0	0	0	0	0	18	0	0	2	0	0
MARYMOUNT COL	52	0	0	0	0	0	0	52	0	0	0	0	0
MOUNTAIN EMPIRE CMTY COLL	120	0	0	0	0	0	0	120	0	0	0	0	0
NORFOLK STATE COL	2,521	0	0	0	0	0	0	2,560	0	0	61	0	0
NORTHERN VIRGINIA COMM CO	454	0	0	0	0	0	0	454	0	0	0	0	0
OLD DOMINION UNIV	1,391	0	0	0	57	0	0	409	3	798	124	0	0
PATRICK HENRY CMTY COLL	10	0	0	0	0	0	0	10	0	0	0	0	0
PAUL O CAMP CMTY COLLEGE	40	0	0	0	0	0	0	40	0	0	0	0	0
PIEDMONT VA CMTY COLLEGE	45	0	0	0	0	0	0	45	0	0	0	0	0
PRES SCH OF CHRISTIAN ED	17	0	0	0	0	0	0	17	0	0	0	0	0
RADFORD COL	552	0	0	0	0	0	0	551	0	0	1	0	0
RANDOLPH-MACON COL	51	0	0	0	0	0	0	51	0	0	0	0	0
RANDOLPH-MACON WOMANS COL	131	0	0	0	0	0	0	66	0	0	65	0	0
RAPPAHANNOCK CMTY COLLEGE	45	0	0	0	0	0	0	85	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOO	OED	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
VIRGINIA													
ROANOKE COL	226	0	14	0	0	0	0	188	0	0	24	0	0
SHENANDOAH COL	257	0	0	0	0	0	0	257	0	0	0	0	0
SOUTHERN SEMINARY JR COL	309	0	0	0	0	0	0	309	0	0	0	0	0
SOUTHSIDE VA CMTY COLLEGE	144	0	0	0	0	0	0	144	0	0	0	0	0
SOUTHWEST VA COMM COL	506	0	0	0	0	0	0	506	0	0	0	0	0
ST PAULS COL	1,000	0	0	0	0	0	0	1,000	0	0	0	0	0
STRATFORD COL	259	0	0	0	0	0	0	259	0	0	0	0	0
SULLINS COL	1	0	0	0	0	0	0	1	0	0	0	0	0
THOMAS NELSON COMM COL	120	0	0	0	0	0	0	120	0	0	0	0	0
TIDEWATER COMMUNITY COL	234	0	0	0	0	0	0	234	0	0	0	0	0
UNIV OF PICHMOND	144	0	0	0	0	0	0	129	0	0	15	0	0
UNIV OF VIRGINIA	16,174	0	787	33	722	0	31	12,250	61	478	1,405	0	0
VA COMMONWEALTH UNIV	10,088	0	49	0	23	0	0	9,735	0	133	144	0	0
VA HIGHLANDS COMM COL	265	0	0	0	0	0	0	265	0	0	0	0	0
VIRGINIA COLLEGE	106	0	0	0	0	0	0	106	0	0	0	0	0
VIRGINIA INTERMONT COL	50	0	0	0	0	0	0	50	0	0	0	0	0
VIRGINIA MILITARY INST	85	0	0	0	54	0	0	22	0	0	9	0	0
VIRGINIA POLYTECHNIC INST	11,184	6,123	61	73	429	0	75	1,827	411	549	1,193	443	0
VIRGINIA STATE COL	4,314	746	0	0	20	0	0	2,401	0	32	500	0	575
VIRGINIA UNION UNIV	1,190	0	0	0	0	0	0	1,190	0	0	0	0	0
VIRGINIA WESLEYAN COL	77	0	0	0	0	0	0	77	0	0	0	0	0
VIRGINIA WESTERN COMM COL	205	0	0	0	0	0	0	205	0	0	0	0	0
WASHINGTON & LFE UNIV	151	0	0	0	0	0	0	76	0	0	75	0	0
WYTHEVILLE COMM COL	536	0	0	0	0	0	0	536	0	0	0	0	0
WASHINGTON, TOTAL	95,666	3,533	2,737	2,071	5,510	274	116	66,773	410	980	12,375	176	11
RELIEFUE COMM COL	217	0	0	0	0	0	0	217	0	0	0	0	0
RIG BEND COMM COL	140	0	0	0	0	0	0	140	0	0	0	0	0
CENTRAL WASH STATE COL	449	0	0	0	0	0	0	449	0	0	0	0	0
CENTRALIA COL	90	0	0	0	0	0	0	90	0	0	0	0	0
CLARK COL	142	0	0	0	0	0	0	142	0	0	0	0	0
COLUMBIA BASIN COMM COL	153	0	0	0	0	0	0	163	0	0	0	0	0
EASTERN WASH STATE COL	753	0	0	0	0	0	0	715	0	0	48	0	0
EDMONDS COMM COL	163	0	0	0	0	0	0	164	0	0	4	0	0
EVERETT COMM COL	214	0	0	0	0	0	0	214	0	0	0	0	0
EVERGREEN STATE COLLEGE	281	0	0	0	0	0	0	276	0	0	5	0	0
FORT STEILACOOM COMM COLL	151	0	0	0	0	0	0	158	0	0	0	0	0
FORT WRIGHT COL HOLY NAME	102	0	0	0	0	0	0	67	0	0	35	0	0
GONZAGA UNIV	291	0	0	0	0	0	0	287	0	0	4	0	0
GRAYS HARBOR COL	151	0	0	0	0	0	0	148	0	0	3	0	0
GREEN RIVER COMM COL	462	0	0	0	0	0	0	462	0	0	0	0	0
HIGHLINE COMMUNITY COLL	276	0	0	0	0	0	0	276	0	0	0	0	0
LOWER COLUMBIA COL	200	0	0	0	0	0	0	200	0	0	0	0	0
NORTHWEST COL	65	0	0	0	0	0	0	64	0	0	1	0	0
OLYMPIC COL	279	0	0	0	0	0	0	279	0	0	0	0	0
PACIFIC LUTHERAN UNIV	661	0	0	0	0	0	0	641	0	0	20	0	0
PENINSULA COL	76	0	0	0	0	0	0	76	0	0	0	0	0
SEATTLE COMM COL	1,480	0	0	0	0	0	0	1,469	0	0	11	0	0
SEATTLE PACIFIC COL	390	0	0	0	0	0	0	384	0	0	6	0	0
SEATTLE UNIV	842	0	0	0	28	0	0	740	0	0	74	0	0
SHORELINE COMM COL	274	0	0	0	0	0	0	274	0	0	0	0	0
SKAGIT VALLEY COL	100	0	0	0	0	0	0	100	0	0	0	0	0
SPOKANE COMM COL	483	0	0	0	0	0	0	483	0	0	0	0	0
ST MARTINS COL	136	0	0	0	0	0	0	136	0	0	0	0	0
TACOMA COMM COL	330	0	0	0	0	0	0	330	0	0	0	0	0
UNIV OF PUGET SOUND	667	0	0	0	0	0	0	614	0	0	53	0	0
UNIV OF WASHINGTON	73,284	214	2,505	2,071	5,412	0	596	50,327	147	980	10,545	176	11
WALLA WALLA COL	224	0	0	0	0	0	0	222	0	0	2	0	0
WALLA WALLA COMMUNITY COL	176	0	0	0	0	0	0	176	0	0	0	0	0
WASHINGTON STATE UNIV	9,035	3,319	224	0	70	274	177	3,621	263	0	1,087	0	0
WENATCHEE VALLEY COL	303	0	0	0	0	0	0	303	0	0	0	0	0
WESTERN WASH STATE COL	1,959	0	0	0	0	0	43	1,748	0	0	160	0	0
WHITMAN COL	153	0	0	0	0	0	0	138	0	0	15	0	0
WHITWORTH COL	223	0	0	0	0	0	0	221	0	0	2	0	0
YAKIMA VALLEY COL	259	0	0	0	0	0	0	259	0	0	0	0	0
WEST VIRGINIA, TOTAL	22,689	3,570	0	36	75	607	294	16,485	611	57	409	370	75
ALDERSON-PROBODDUS COL	447	0	0	0	0	0	0	447	0	0	0	0	0
BECKLEY COL	44	0	0	0	0	0	0	44	0	0	0	0	0
BETHANY COL	261	0	0	0	0	0	0	212	0	0	49	0	0
BLUEFIELD STATE COL	345	0	0	0	0	0	0	345	0	0	0	0	0
CONCORD COL	669	0	0	0	0	0	0	667	0	0	2	0	0
DAVIS & FLKINS COL	275	0	0	0	0	0	0	275	0	0	0	0	0
FAIRMONT STATE COL	824	0	0	0	0	0	0	824	0	0	0	0	0
GLENVILLE STATE COL	366	0	0	0	0	0	0	366	0	0	0	0	0
MARSHALL UNIV	1,438	0	0	0	1	0	0	1,407	0	0	30	0	0

120

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOO	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
WEST VIRGINIA													
MORRIS HARVEY COL	164	0	0	0	0	0	0	0	0	0	0	0	0
OHIO VALLEY COL	50	0	0	0	0	0	0	168	0	0	0	0	0
PARKEERSBURG COMMUNITY COL	604	0	0	0	0	0	0	50	0	0	0	0	0
POTOMAC ST COL OF W VA U	143	0	0	0	0	0	0	604	0	0	0	0	0
SALEM COL	705	0	0	0	0	0	0	143	0	0	0	0	0
SHEPHERD COL	303	0	0	0	0	0	0	705	0	0	0	0	0
SOUTHERN W VA CHTY COL	28	0	0	0	0	0	0	303	0	0	0	0	0
W V COL OF GRAD STUDIES	23	0	0	0	0	0	0	28	0	0	0	0	0
WEST LIBERTY STATE COL	374	0	0	0	0	0	0	23	0	0	0	0	0
WEST VIRGINIA INST TECH	1,654	0	0	0	0	0	0	374	0	0	0	0	0
WEST VIRGINIA STATE COL	815	0	0	0	0	607	0	1,028	0	0	23	0	0
WEST VIRGINIA UNIV	11,675	3,670	0	36	74	0	0	793	0	0	22	0	0
WEST VIRGINIA WESLEYN COL	1,358	0	0	0	0	0	294	6,219	611	57	269	370	75
WHEELING COL	116	0	0	0	0	0	0	1,358	0	0	0	0	0
								102	0	0	14	0	0
WISCONSIN, TOTAL	95,218	5,474	2,846	1,790	2,553	3,049	923	64,445	380	2,482	10,934	198	54
ALVERNO COL	319	0	0	0	0	0	0	0	0	0	0	0	0
BELOIT COL	140	0	0	0	0	0	0	319	0	0	0	0	0
CARDINAL STRITCH COL	34	0	0	0	0	0	0	122	0	0	18	0	0
CARROLL COL	112	0	0	0	0	0	0	34	0	0	0	0	0
CARTHAGE COL	139	0	0	0	0	0	0	95	0	0	17	0	0
CONCORDIA COL	16	0	0	0	0	0	0	137	0	0	2	0	0
DISTRICT ONE TECH INST	144	0	0	0	0	0	0	16	0	0	0	0	0
DODGE COUNTY TECHS COL	2	0	0	0	0	0	0	110	0	0	74	0	0
DONTMIGAN COL	143	0	0	0	0	0	0	2	0	0	0	0	0
EDGEWOOD COL	56	0	0	0	0	0	0	183	0	0	0	0	0
FOX VALLEY TECHNICAL INST	5	0	0	0	0	0	0	45	0	0	21	0	0
HOLY FAMILY COL	15	0	0	0	0	0	0	5	0	0	0	0	0
INST OF PAPER CHEMISTRY	149	3	0	0	0	0	0	13	0	0	2	0	0
KEVOSHA TECHNICAL INST	203	0	0	0	0	0	140	0	0	0	6	0	0
LAKELAND COL	92	0	0	0	0	0	0	203	0	0	0	0	0
LAWRENCE UNIV	188	0	0	0	0	0	0	82	0	0	0	0	0
MADISON AREA TECH COLLEGE	175	0	0	0	0	0	0	124	0	0	64	0	0
MARIAN COL OF FOND DU LAC	107	0	0	0	0	0	0	175	0	0	0	0	0
MARQUETTE UNIV	2,944	0	37	0	82	0	0	167	0	0	0	0	0
MEDICAL COLLEGE OF WISC	5,433	0	0	0	100	0	0	2,389	0	3	298	35	0
MILTON COL	59	0	0	0	0	0	0	5,261	6	0	116	0	0
MILWAUKEE AREA TECH COL	549	0	0	0	0	0	0	59	0	0	0	0	0
MILWAUKEE SCHOOL OF ENG	43	0	0	0	0	0	0	582	0	0	7	0	0
MORAINE PARK TECH INST	57	0	0	0	0	0	0	47	0	0	36	0	0
MT MARY COL	73	0	0	0	0	0	0	57	0	0	0	0	0
MT SENARTO COL	117	0	0	0	0	0	0	73	0	0	0	0	0
NE WISCONSIN TECH INST	76	0	0	0	0	0	0	117	0	0	0	0	0
NICOLEY COL & TECH INST	119	0	0	0	0	0	0	76	0	0	0	0	0
NORTH CENTRAL TECH INST	228	0	0	0	0	0	0	119	0	0	0	0	0
NORTHLAND COL	147	0	0	0	0	0	0	228	0	0	0	0	0
RIPON COL	249	0	0	0	0	0	0	145	0	0	2	0	0
ST FRANCIS COL	1	0	0	0	0	0	0	189	0	0	59	0	0
ST NORBERT COL	157	0	0	0	0	0	0	1	0	0	0	0	0
UNIV OF WIS EXTENSION DIV	11	0	0	0	0	0	0	157	0	0	0	0	0
UNIV OF WIS-EAU CLAIRE	501	0	0	0	0	0	0	11	0	0	0	0	0
UNIV OF WIS-GREEN BAY	255	0	0	0	0	0	0	481	0	0	20	0	0
UNIV OF WIS-LA CROSSE	227	0	0	0	0	0	0	245	0	0	20	0	0
UNIV OF WIS-MADISON	62,512	5,471	2,731	1,740	2,424	2,815	631	209	0	0	18	0	0
UNIV OF WIS-MILWAUKEE	4,398	0	59	0	47	274	75	35,059	354	2,410	8,807	0	30
UNIV OF WIS-OSHKOSH	430	0	0	0	0	0	0	3,200	0	69	541	153	0
UNIV OF WIS-PARKSIDE	528	0	19	0	0	0	0	391	0	0	39	0	0
UNIV OF WIS-PLATTEVILLE	119	0	0	0	0	0	0	420	0	0	49	0	0
UNIV OF WIS-PIPER FALLS	156	0	0	0	0	0	0	101	14	0	4	0	0
UNIV OF WIS-STEVENS POINT	852	0	0	0	0	0	0	117	0	0	39	0	0
UNIV OF WIS-STOUT	403	0	0	0	0	0	0	799	0	0	53	0	0
UNIV OF WIS-SUPERIOR	335	0	0	0	0	0	0	774	0	0	9	0	20
UNIV OF WIS-WATTEWATER	245	0	0	0	0	0	0	10	0	0	325	0	0
UNIV OF WISC GEN SYS	10,044	0	0	0	0	0	0	153	0	0	132	0	0
UNIV OF WISCONSIN CTR	470	0	0	0	0	0	77	9,961	0	0	2	0	4
VITERO COL	475	0	0	0	0	0	0	468	0	0	2	0	0
WAUKESHA COUNTY TECH INST	9	0	0	0	0	0	0	468	6	0	2	0	0
WESTERN WISC TECH INST	247	0	0	0	0	0	0	8	0	0	0	0	0
WISC ST UNIV GEN SYS	110	0	0	0	0	0	0	287	0	0	0	0	0
WISCONSIN CONSERVATORY	11	0	0	0	0	0	0	0	0	0	110	0	0
								11	0	0	0	0	0
WYOMING, TOTAL	7,372	1,273	94	0	564	0	110	3,345	312	101	983	0	0
CASPER COL	258	0	0	0	0	0	0	0	0	0	0	0	0
CENTRAL WYOMING COL	40	0	0	0	0	0	0	258	0	0	0	0	0
EASTERN WYOMING COL	45	0	0	0	0	0	0	40	0	0	0	0	0
LARAMIE COUNTY COMM COLL	224	0	0	0	0	0	0	45	0	0	0	0	0
								224	0	0	0	0	0

TABLE B-28
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AFC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
WYOMING													
NORTHWEST COMM COL	90	0	0	0	0	0	0	90	0	0	0	0	0
SHEPARD COLLEGE	252	0	0	0	0	0	0	252	0	0	0	0	0
UNIV OF WYOMING	6,424	1,273	84	0	564	0	110	2,397	912	101	943	0	0
WESTERN WYOMING COMM COL	29	0	0	0	0	0	0	29	0	0	0	0	0
GUAM, TOTAL	493	0	0	0	0	0	42	442	0	0	9	0	0
UNIVERSITY OF GUAM	493	0	0	0	0	0	42	442	0	0	9	0	0
PUERTO RICO, TOTAL	26,896	5,597	3,040	0	0	0	0	17,955	100	0	204	0	0
CATHOLIC UNIV OF P R	1,205	0	0	0	0	0	0	1,205	0	0	0	0	0
COL OF THE SACRED HEART	516	0	0	0	0	0	3	516	0	0	0	0	0
INTER AMER UNIV OF P R	1,697	0	0	0	0	0	3	1,681	0	0	6	0	0
PUERTO RICO JR COL	720	0	0	0	0	0	0	720	0	0	0	0	0
UNIV OF P R GEN SYS	3,969	0	3,040	0	0	0	3	155	0	0	74	0	0
UNIV OF P R MAYAGUEZ	756	0	0	0	0	0	3	541	100	0	115	0	0
UNIV OF P R RIO PIEDRAS	9,126	5,597	0	0	0	0	0	3,520	0	0	9	0	0
UNIV OF P R SAN JUAN	4,767	0	0	0	0	0	0	4,767	0	0	0	0	0
WORLD UNIVERSITY	50	0	0	0	0	0	0	50	0	0	0	0	0
VIRGIN ISLANDS, TOTAL	562	53	0	3	0	0	0	492	0	0	14	0	0
COL OF VIRGIN ISLANDS	562	53	0	3	0	0	0	492	0	0	14	0	0

* INCLUDES AID, HUD, AND LASDR

SOURCE: NATIONAL SCIENCE FOUNDATION

END OF LISTING

TABLE B-29

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH
AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOO	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
UNITED STATES, TOTAL	1,452,963	88,566	86,786	27,591	243,884	4,257	17,769	879,278	23,045	112,426	334,722	12,413	22,286
ALABAMA, TOTAL	21,101	3,093	38	9	1,555	0	116	13,942	422	1,445	461	20	0
ALABAMA A & M UNIVERSITY	694	560	0	0	30	0	26	0	0	60	14	0	0
ATHENS COL	26	0	0	0	16	0	0	0	0	10	0	0	0
AUBURN UNIV	3,657	2,002	0	9	584	0	26	391	255	372	14	0	0
SOUTHERN UNION ST JR COL	9	0	0	0	0	0	0	9	0	0	0	0	0
TALLADEGA COL	14	0	0	0	0	0	0	0	0	14	0	0	0
TUSKEGEE INST	1,143	531	11	0	0	0	0	274	100	48	159	20	0
U OF ALA IN BIRMINGHAM	12,966	0	0	0	210	0	7	12,557	0	0	192	0	0
U OF ALA IN HUNTSVILLE	1,455	0	0	0	658	0	0	0	0	797	0	0	0
U OF ALA IN TUSCALOOSA	1,084	0	27	0	57	0	57	682	57	120	74	0	0
UNIV OF MONTEVALLO	4	0	0	0	0	0	1	0	0	4	0	0	0
UNIV OF SOUTH ALA	49	0	0	0	0	0	0	29	0	20	0	0	0
ALASKA, TOTAL	8,419	608	247	450	3,097	0	116	771	205	386	2,539	0	0
UNIV OF ALASKA	8,419	608	247	450	3,097	0	116	771	205	386	2,539	0	0
ARIZONA, TOTAL	12,042	1,190	288	6	2,469	0	192	3,556	326	1,715	2,254	0	86
ARIZONA STATE UNIV	1,228	18	75	0	171	0	0	518	0	39	407	0	0
NORTHERN ARIZ UNIV	125	125	0	0	0	0	0	0	0	0	0	0	0
PIMA COUNTY JR COLLEGE	5	0	0	0	0	0	0	5	0	0	0	0	0
PRESCOTT COL	2	0	0	0	0	0	0	0	2	0	0	0	0
UNIV & ST COL ARIZ C SYS	73	0	0	0	0	0	0	73	0	0	0	0	0
UNIV OF ARIZONA	10,849	1,047	213	6	2,298	0	192	2,960	324	1,676	1,847	0	86
ARKANSAS, TOTAL	6,601	2,285	86	101	0	0	36	3,635	145	25	288	0	0
HARDING COL	25	0	0	0	0	0	0	0	0	25	0	0	0
HENDRIX COL	10	0	0	0	0	0	0	10	0	0	0	0	0
STATE COLLEGE OF ARKANSAS	98	0	0	0	0	0	0	98	0	0	0	0	0
UNIV OF ARK FAYETTEVILLE	4,688	1,791	86	101	0	0	36	2,372	145	0	157	0	0
UNIV OF ARK MEDICAL CTR	1,278	0	0	0	0	0	0	1,147	0	0	131	0	0
UNIV OF ARK MONTICELLO	8	0	0	0	0	0	0	8	0	0	0	0	0
UNIV OF ARK PINE BLUFF	494	494	0	0	0	0	0	0	0	0	0	0	0
CALIFORNIA, TOTAL	269,927	2,927	13,470	1,551	37,621	1,485	1,575	124,652	1,815	18,862	63,775	1,364	830
CAL INST OF TECH	17,467	0	2,184	0	2,099	0	87	4,842	145	3,498	4,612	0	0
CAL ST COL DOMINGUEZ HILL	12	0	0	0	0	0	0	12	0	0	0	0	0
CAL ST COL SAN BERNARDINO	41	0	0	0	0	0	0	0	0	0	41	0	0
CALIF ST COL STANISLAUS	34	0	0	0	34	0	0	0	0	0	0	0	0
CALIF ST COLLEGE SONOMA	10	0	0	0	0	0	0	10	0	0	0	0	0
CALIF ST POLY UNIV POMONA	55	0	0	0	0	0	0	37	0	0	18	0	0
CALIF ST U SAN LU OBIS PO	7	0	0	0	0	0	0	0	0	0	0	0	0
CALIF ST UNIV CHICO	45	7	0	0	0	0	0	0	0	25	13	0	0
CALIF ST UNIV FRESNO	394	25	0	0	0	0	0	0	359	0	0	0	0
CALIF ST UNIV FULLERTON	59	0	0	0	0	0	0	34	0	35	0	0	0
CALIF ST UNIV HAYWARD	54	0	0	0	38	0	6	10	0	0	0	0	0
CALIF ST UNIV HUMBOLDT	234	26	0	151	0	0	0	0	0	0	47	0	0
CALIF ST UNIV LONG BEACH	248	0	0	0	34	0	0	160	0	7	47	0	0
CALIF ST UNIV LOS ANGELES	135	0	0	0	0	0	0	82	0	0	53	0	0
CALIF ST UNIV NORTHRIIDGE	255	0	0	0	93	0	0	120	0	16	26	0	0
CALIF ST UNIV S FRANCISCO	84	0	0	0	0	0	0	53	0	9	22	0	0
CALIF ST UNIV SACRAMENTO	159	0	0	0	0	0	0	137	0	3	19	0	0
CALIF ST UNIV SAN DIEGO	1,107	0	53	0	747	0	0	129	0	0	378	0	0
CALIF ST UNIV SAN JOSE	371	0	0	122	64	0	0	20	0	137	24	0	0
CHABOT COL	30	0	0	0	0	0	0	30	0	0	0	0	0
CLAREMONT COL. CFN SYS	31	0	0	0	0	0	0	0	0	0	31	0	0
CLAREMONT GRADUATE SCHOOL	372	0	0	0	0	0	0	53	0	0	52	0	267
COL OF NOTRE DAME	12	0	0	0	0	0	0	0	0	0	12	0	0
COL OF SAN MATEO	1	0	0	0	0	0	0	1	0	0	0	0	0
FOOTHILL COL	17	0	0	0	0	0	0	17	0	0	0	0	0
HARVEY MUDD COL	17	0	0	0	0	0	0	0	0	0	17	0	0
LOMA LINDA UNIV	558	0	0	0	0	0	0	512	0	0	46	0	0
LOS ANGELES CITY COL	54	0	0	0	0	0	0	64	0	0	0	0	0
LOS ANGELES HARBOR COL	3	0	0	0	0	0	0	3	0	0	0	0	0
LOYOLA UNIV LOS ANGELES	102	0	0	0	0	0	0	102	0	0	0	0	0
MODESTO JR COL	6	0	0	0	0	0	0	6	0	0	0	0	0
MONTEREY PENINSULA COL	2	0	0	0	0	0	0	0	0	0	2	0	0
OCCIDENTAL COL	9	0	0	0	0	0	0	0	0	0	9	0	0
PACIFIC OAKS COL	154	0	0	0	0	0	0	154	0	0	0	0	0
PACIFIC SCH OF RELIGION	7	0	0	0	0	0	0	7	0	0	0	0	0
PEPPERDINE UNIVERSITY	71	0	0	0	0	0	0	71	0	0	0	0	0
PITZER COL	6	0	0	0	0	0	0	6	0	0	0	0	0
POMONA COL	123	0	0	0	7	0	0	106	0	0	18	0	0
SACRAMENTO CITY COL	13	0	0	0	0	0	0	0	0	0	13	0	0

TABLE B-29
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH
AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOO	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
CALIFORNIA													
SAN BERNARDINO VALLEY COL	11	0	0	0	0	0	0	11	0	0	0	0	0
SANTA BARBARA CITY COL	56	0	0	56	0	0	0	0	0	0	0	0	0
STANFORD UNIV	48,216	0	570	0	8,560	0	59	22,986	173	3,331	12,520	0	17
UNIV OF CAL BERKELEY	37,455	1,410	542	107	5,785	1,141	395	12,422	650	4,111	10,359	360	172
UNIV OF CAL DAVIS	15,734	968	1,725	0	323	0	97	9,251	114	191	3,032	0	32
UNIV OF CAL IRVINE	4,347	0	716	30	375	0	36	2,069	41	26	1,054	0	0
UNIV OF CAL LOS ANGELES	41,929	0	4,490	0	4,117	312	143	24,631	315	1,573	5,565	611	172
UNIV OF CAL RIVERSIDE	3,644	491	298	0	143	0	436	834	18	74	1,350	0	0
UNIV OF CAL SAN DIEGO	50,027	0	1,639	224	10,989	0	128	12,044	0	4,687	20,261	55	0
UNIV OF CAL SANTA CRUZ	1,175	0	137	0	25	32	0	296	0	6	579	0	0
UNIV OF CAL CENTRAL SYS	262	0	0	0	0	0	0	262	0	0	0	0	0
UNIV OF CAL SAN FRANCISCO	20,382	0	744	0	311	0	0	18,972	0	186	179	0	0
UNIV OF CAL SANTA BARBARA	3,148	0	222	200	593	0	44	1,033	0	70	981	5	0
UNIV OF CALANAS	73	0	0	0	0	0	0	73	0	0	0	0	0
UNIV OF SAN FRANCISCO	356	0	0	0	40	0	0	198	0	128	0	0	0
UNIV OF SANTA CLARA	322	0	0	0	22	0	0	10	0	290	0	0	0
UNIV OF SOUTHERN CAL	20,027	0	149	651	3,229	0	135	12,691	0	459	2,210	333	170
UNIV OF THE PACIFIC	184	0	0	0	0	0	0	91	0	0	93	0	0
COLORADO, TOTAL	37,045	1,302	1,043	1,156	4,202	0	310	13,423	1,526	3,659	9,238	103	1,083
COLORADO COL	17	0	0	0	0	0	0	17	0	0	0	0	0
COLORADO SCH OF MINES	1,059	0	0	168	40	0	0	0	167	81	603	0	0
COLORADO STATE UNIV	10,799	1,292	217	129	561	0	178	1,585	769	626	4,359	0	1,083
COMMUNITY COLLEGE DENVER	10	0	0	0	0	0	0	10	0	0	0	0	0
SOUTHERN COLORADO ST COL	21	0	0	0	5	0	0	0	0	0	16	0	0
UNIV OF COLORADO	19,926	10	925	929	953	0	132	10,722	245	2,681	3,528	0	0
UNIV OF DENVER	4,938	0	0	30	2,643	0	0	814	345	271	732	103	0
UNIV OF NORTHERN COLORADO	275	0	0	0	0	0	0	275	0	0	0	0	0
CONNECTICUT, TOTAL	35,510	523	2,905	85	3,032	0	68	22,006	208	372	5,743	14	554
CONNECTICUT COL	72	0	0	0	4	0	0	68	0	0	0	0	0
FAIRFIELD UNIV	378	0	0	0	0	0	0	0	0	0	17	0	361
NEW ENGLAND INST	120	0	42	0	59	0	0	19	0	0	0	0	0
QUINNIPIAC COL	50	0	0	0	0	0	0	50	0	0	0	0	0
SOUTHERN CONN STATE COL	7	0	0	0	0	0	0	7	0	0	0	0	0
ST JOSEPH COL	10	0	0	0	0	0	0	0	0	10	0	0	0
TRINITY COL	10	0	0	0	0	0	0	10	0	0	0	0	0
UNIV OF BROOKFIELD	25	0	0	0	0	0	0	10	0	0	15	0	0
UNIV OF CONNECTICUT	6,455	523	83	85	357	0	68	4,107	137	92	1,003	0	0
UNIV OF HARTFORD	119	0	0	0	0	0	0	119	0	0	0	0	0
UNIV OF NEW HAVEN	7	0	0	0	0	0	0	7	0	0	0	0	0
WESLEYAN UNIV	751	0	0	0	10	0	0	298	0	0	429	14	0
YALE UNIV	27,506	0	2,780	0	2,602	0	0	17,311	71	270	4,279	0	193
DELAWARE, TOTAL	2,898	813	13	0	245	0	58	417	82	30	1,240	0	0
DELAWARE STATE COL	258	240	0	0	0	0	0	0	0	18	0	0	0
UNIV OF DELAWARE	2,640	573	13	0	245	0	58	417	82	12	1,240	0	0
DIST. OF COLUMBIA, TOTAL	21,766	51	162	92	4,117	204	363	13,523	86	942	1,599	286	341
AMERICAN UNIVERSITY	1,870	0	0	0	1,111	0	8	358	0	25	104	242	22
CATHOLIC UNIV OF AMERICA	1,531	0	16	0	870	0	14	280	62	53	278	44	14
FEDERAL CITY COL	138	0	0	0	0	0	45	12	0	90	0	0	0
GALLAUDET COL	510	0	0	0	0	0	0	436	0	0	74	0	0
GEORGE WASHINGTON UNIV	9,268	0	21	0	1,599	0	181	5,098	0	550	573	0	246
GEORGETOWN UNIV	5,162	45	39	0	482	0	100	3,994	2	30	468	0	2
HOWARD UNIV	3,095	6	86	0	55	204	14	2,345	22	204	102	0	57
WASHINGTON TECHNICAL INST	92	0	0	92	0	0	0	0	0	0	0	0	0
FLORIDA, TOTAL	39,607	1,718	1,766	2,043	6,175	0	725	15,813	296	824	9,730	335	201
EDWARD WATERS COL	21	0	0	0	0	0	0	0	0	0	21	0	0
FLORIDA AGR & MECH UNIV	570	399	0	0	0	0	0	116	0	0	55	0	0
FLORIDA ATLANTIC UNIV	829	0	0	0	52	0	33	94	0	0	550	0	0
FLORIDA INST OF TECH	179	0	0	0	52	0	0	92	0	35	0	0	0
FLORIDA PRESBYTERIAN COL	9	0	0	0	0	0	0	9	0	0	0	0	0
FLORIDA STATE UNIV	5,152	0	982	471	559	0	0	1,199	139	124	1,671	0	7
FLORIDA TECHNOLOGICAL UNIV	63	5	0	0	0	0	0	22	0	20	16	0	0
NOVA UNIV	964	0	0	52	347	0	0	90	0	0	376	99	0
ST UNIV SYS OF FLA	41	0	0	0	0	0	41	0	0	0	0	0	0
UNIV OF FLORIDA	13,561	1,314	448	57	2,183	0	465	6,329	157	385	2,028	0	194
UNIV OF MIAMI	16,806	0	315	1,463	2,895	0	165	7,551	0	260	3,719	236	0
UNIV OF SOUTH FLORIDA	575	0	21	0	86	0	0	274	0	0	194	0	0
UNIV OF TAMPA	37	0	0	0	0	0	0	37	0	0	0	0	0

TABLE B-29
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH
AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USOA	AEC	COM	DOO	OEO	EPA	HEW	IVT	NASA	NSF	DOT	OTHER*
GEORGIA, TOTAL	24,852	2,781	838	146	3,044	0	271	12,682	268	950	2,997	860	115
ALBANY STATE COL	52	0	0	0	0	0	0	3	0	0	49	0	0
ATLANTA UNIV	93	0	0	0	0	0	0	93	0	0	0	0	0
ATLANTA UNIVERSITY CENTER	24	0	0	0	0	0	0	0	0	0	24	0	0
AUGUSTA COL	9	0	0	0	0	0	0	0	0	0	0	0	0
CLARK COL	98	0	0	0	0	0	0	9	0	0	0	0	0
EMORY UNIV	7,790	0	76	0	92	0	0	26	0	0	62	0	0
FORT VALLEY STATE COL	599	589	0	0	0	0	0	7,152	0	182	298	0	0
GEORGIA INST OF TECH	5,194	0	241	146	2,612	0	93	0	0	0	0	0	0
GEORGIA SOUTHERN COL	27	0	0	0	0	0	0	611	249	601	791	860	0
GEORGIA STATE UNIVERSITY	179	0	0	0	0	0	0	27	0	0	0	0	0
LA GRANGE COL	3	0	0	0	42	0	0	39	0	0	0	0	0
MEDICAL COL OF GEORGIA	2,048	0	0	0	0	0	0	3	0	0	0	0	98
MOREHOUSE COL	128	0	0	0	10	0	44	1,994	0	0	0	0	0
MORRIS BROWN COL	67	0	0	0	0	0	0	3	0	51	74	0	0
TIFT COL	176	0	0	0	0	0	0	0	0	0	67	0	0
UNIV OF GEORGIA	7,310	2,192	521	0	288	0	0	176	0	0	0	0	0
UNIV SYSTEM OF GEORGIA	48	0	0	0	0	0	86	2,519	19	16	1,652	0	17
WEST GEORGIA COL	27	0	0	0	0	0	0	27	0	0	0	0	0
HAWAII, TOTAL	12,977	690	626	1,259	1,641	0	0	3,501	127	2,073	3,060	0	0
UNIV OF HAWAII	12,977	690	626	1,259	1,641	0	0	3,501	127	2,073	3,060	0	0
IDAHO, TOTAL	1,749	895	0	6	223	0	0	126	323	0	216	0	0
COL OF IDAHO	8	0	0	0	0	0	0	8	0	0	0	0	0
IDAHO STATE UNIV	72	0	0	0	0	0	0	0	0	0	0	0	0
UNIV OF IDAHO	1,709	895	0	6	223	0	0	69	323	0	4	0	0
ILLINOIS, TOTAL	96,675	2,132	7,727	213	8,677	0	1,019	39,969	313	3,748	22,050	485	342
BLACK HAWK COL	30	0	0	0	0	0	0	0	0	0	0	30	0
CHICAGO MEDICAL SCHOOL	455	0	0	0	16	0	0	390	0	0	59	0	0
DEPAUL UNIV	60	0	0	0	0	0	0	17	0	0	43	0	0
GOVERNORS STATE UNIV	31	0	0	0	0	0	0	31	0	0	0	0	0
ILLINOIS BENEDICTINE COL	70	0	70	0	0	0	0	0	0	0	0	0	0
ILLINOIS INST OF TECH	5,494	0	157	0	142	0	0	0	0	0	0	0	0
ILLINOIS ST UNIV	143	0	29	0	0	29	4,479	0	60	476	141	0	0
KNOX COL	3	0	0	0	0	0	80	0	0	34	0	0	0
LAKE FOREST COL	24	0	0	0	0	0	3	0	0	0	0	0	0
LOYOLA UNIV	1,055	0	40	0	43	0	24	0	0	0	0	0	0
MUNDELEIN COL	59	0	0	0	0	0	957	0	0	25	0	0	0
NORTHERN ILLINOIS UNIV	238	0	0	0	0	0	59	0	0	0	0	0	0
NORTHWESTERN UNIV	17,026	0	102	0	69	0	78	0	0	111	0	0	0
ROOSEVELT UNIV	13	0	0	0	798	0	192	7,894	207	3,572	158	3	0
SOUTHERN ILL U-CARROLL	753	41	0	0	0	0	13	0	0	0	0	0	0
SOUTHERN ILL U-EDWARDSVILLE	132	0	0	0	0	0	428	6	0	260	0	0	18
UNIV OF CHICAGO	31,079	0	3,965	158	964	0	96	14,924	0	2,905	8,362	0	0
UNIV OF ILL GEN SYS	13	0	0	0	12	0	0	0	1	0	0	0	0
UNIV OF ILLINOIS-CHGO CTR	1,398	0	14	0	221	0	42	506	0	25	590	0	0
UNIV OF ILLINOIS-MED CTR	4,251	0	0	0	0	0	0	0	0	0	0	0	0
UNIV OF ILLINOIS-URBANA	28,253	2,091	3,340	55	6,432	0	563	4,249	0	0	12	0	0
WESTERN ILLINOIS UNIV	55	0	0	0	0	0	12	5,720	305	651	8,598	156	144
INDIANA, TOTAL	34,599	2,032	2,393	166	2,741	99	339	13,218	502	1,697	9,395	1,357	690
HALL STATE UNIV	45	0	0	0	0	0	0	37	0	0	0	0	0
GOSHEN COL	14	0	0	0	0	0	0	14	0	0	0	0	0
IND UNIV GEN SYS	169	0	0	0	0	0	0	157	0	0	0	0	0
INDIANA STATE UNIV	222	15	0	113	0	0	21	73	0	0	0	0	12
INDIANA UNIV-BLOOMINGTON	7,659	0	177	0	351	29	116	3,973	83	244	2,550	0	0
INDIANA UNIV-INDIANAPOLIS	5,760	0	0	0	0	0	0	4,335	0	0	119	1,307	0
MARION COL	5	0	0	0	0	0	0	5	0	0	0	0	0
PURDUE UNIV	16,697	2,017	1,073	74	2,026	50	62	3,595	324	1,438	5,366	50	562
ROSE-HULMAN INST OF TECH	5	0	0	0	0	0	0	0	0	5	0	0	0
UNIV OF NOTRE DAME	4,099	0	1,133	19	364	0	120	1,015	95	10	1,343	0	0
WABASH COL	14	0	0	0	0	0	0	14	0	0	0	0	0
IOWA, TOTAL	16,938	2,142	60	6	765	0	72	9,221	414	1,789	2,277	192	0
COL OF OSTEOPTH MED SURG	24	0	0	0	0	0	0	24	0	0	0	0	0
CORNELL COL	11	0	0	0	0	0	0	11	0	0	0	0	0
GRINNELL COL	9	0	0	0	0	0	0	0	0	0	0	0	0
IOWA CENTRAL COMM COL	6	0	0	0	0	0	0	0	0	0	0	0	0
IOWA ST U OF SCIENCE/TECH	5,597	2,131	11	6	124	0	72	6	0	0	0	0	0
KIRKWOOD COMMUNITY COLL	2	0	0	0	0	0	0	1,144	273	60	1,584	192	0
UNIV OF IOWA	11,278	11	49	0	641	0	0	2	0	0	0	0	0

TABLE B-29
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH
AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AFC	COM	OOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
IOWA													
UNIV OF NORTHERN IOWA	6	0	0	0	0	0	0	6	0	0	0	0	0
WARBURG COL	5	0	0	0	0	0	0	5	0	0	0	0	0
KANSAS, TOTAL	13,264	1,400	398	10	510	0	72	7,621	164	820	2,067	0	206
BETHEL COL	11	0	0	0	0	0	0	11	0	0	0	0	0
KANSAS ST COL OF PITTSBURG	5	0	0	0	0	0	0	5	0	0	0	0	0
KANSAS STATE UNIV	3,291	1,400	278	0	256	0	72	567	164	23	345	0	186
OTTAWA UNIV	9	0	0	0	0	0	0	9	0	0	0	0	0
UNIV OF KANSAS	9,553	0	105	0	154	0	0	6,892	0	794	1,714	0	0
WICHITA STATE UNIV	249	0	15	10	100	0	0	137	0	3	4	0	20
KENTUCKY, TOTAL	9,245	3,592	15	0	295	0	0	3,913	241	540	549	100	0
EASTERN KENTUCKY UNIV	1	0	0	0	0	0	0	1	0	0	0	0	0
KENTUCKY STATE COL	596	596	0	0	0	0	0	0	0	0	0	0	0
MOREHEAD STATE UNIV	288	0	3	0	0	0	0	285	0	0	0	0	0
UNIV OF KENTUCKY	7,034	2,996	12	0	172	0	0	2,523	241	521	439	100	0
UNIV OF LOUISVILLE	1,321	0	0	0	123	0	0	1,059	0	19	110	0	0
WESTERN KENTUCKY UNIV	35	0	0	0	0	0	0	35	0	0	0	0	0
LOUISIANA, TOTAL	16,511	2,097	196	721	1,070	51	321	9,409	107	713	1,821	0	5
DELGADO VOC TECH JR COLL	150	0	0	0	0	0	0	150	0	0	0	0	0
DILLARD UNIV	5	0	0	0	0	0	0	0	0	5	0	0	0
GRAMBLING COL	72	0	0	0	0	0	0	5	0	47	20	0	0
LA ST U MED CTR N ORLEANS	2,114	0	0	0	2	0	0	2,095	0	0	17	0	0
LA ST UNIV BATON ROUGE	5,291	2,034	112	721	777	0	237	245	82	366	717	0	0
LA ST UNIV NEW ORLEANS	647	0	0	0	25	0	22	363	0	72	165	0	0
LOUISIANA TECH UNIVERSITY	122	50	0	0	0	0	0	32	0	0	40	0	0
LOYOLA UNIV	5	0	0	0	0	0	0	0	0	5	0	0	0
LSU CENTRAL SYSTEM	76	0	0	0	0	0	34	19	19	0	0	0	0
NORTHEAST LOUISIANA UNIV	135	0	0	0	0	0	0	119	0	0	16	0	0
NORTHWESTERN ST UNIV-LA	10	0	0	0	0	0	0	0	6	4	0	0	0
OUR LADY HOLY CROSS COL	5	0	0	0	0	0	0	5	0	0	0	0	0
SOUTHERN UNIV	342	13	65	0	33	0	0	0	0	55	176	0	0
TULANE UNIV	7,505	0	19	0	233	51	24	6,367	0	154	652	0	5
UNIV OF SOUTHWESTERN LA	9	0	0	0	0	0	0	9	0	0	0	0	0
XAVIER U OF LOUISIANA	23	0	0	0	0	0	0	0	0	5	14	0	0
MAINE, TOTAL	1,737	903	0	163	24	0	77	152	84	0	330	0	0
BOWDOIN COL	73	0	0	0	0	0	0	37	0	0	36	0	0
COLBY COL	5	0	0	0	0	0	0	5	0	0	0	0	0
U OF ME-PORTLAND-GORHAM	135	0	0	163	0	0	32	0	0	0	0	0	0
UNIV OF MAINE ORONO	1,464	903	0	0	24	0	45	110	84	0	294	0	0
MARYLAND, TOTAL	53,596	1,408	2,902	253	3,841	237	24	30,025	131	5,181	6,844	0	2,750
BOWIE STATE COL	39	0	0	0	0	0	0	0	0	39	0	0	0
CATONSVILLE COMM COL	6	0	0	0	0	0	0	0	0	0	6	0	0
COLUMBIA UNION COL	10	0	0	0	0	0	0	0	0	10	0	0	0
COPPIN STATE COL	85	0	0	0	0	0	0	85	0	0	0	0	0
GOUCHER COL	3	0	0	0	0	0	0	0	0	0	3	0	0
JOHNS HOPKINS UNIV	35,535	0	1,022	214	1,731	0	24	24,156	0	2,403	2,435	0	2,750
LOYOLA COL	50	0	0	0	10	0	0	40	0	0	0	0	0
MORGAN STATE COL	1	0	0	0	0	0	0	1	0	0	0	0	0
TOWSON STATE COL	5	0	0	0	0	0	0	5	0	0	0	0	0
UNIV OF MARYLAND CFN SYS	17	0	0	0	17	0	0	0	0	0	0	0	0
UNIV OF MD COLLEGE PARK	11,575	1,056	1,880	39	1,111	237	0	1,042	131	2,274	3,905	0	0
UNIV OF MD, BALT CNTY	143	0	0	0	6	0	0	42	0	0	95	0	0
UNIV OF MD, BALTIMORE	5,591	0	0	0	965	0	0	4,577	0	48	0	0	0
UNIV OF MD, ESTRN SHORE	359	352	0	0	0	0	0	0	0	7	0	0	0
WASHINGTON COL	7	0	0	0	0	0	0	7	0	0	0	0	0
WESTERN MARYLAND COL	70	0	0	0	0	0	0	70	0	0	0	0	0
MASSACHUSETTS, TOTAL	200,456	1,014	9,431	1,665	63,445	405	1,415	57,597	511	25,123	35,451	2,112	1,287
AMHERST COL	564	0	0	0	0	0	30	410	0	0	124	0	0
ATLANTIC UNION COL	7	0	0	0	0	0	0	7	0	0	0	0	0
BOSTON COL	2,228	0	42	0	1,150	0	0	923	0	0	109	0	4
BOSTON UNIV	8,748	0	0	0	413	0	0	7,947	0	97	270	20	1
BRANDEIS UNIV	3,344	0	248	0	117	0	0	2,018	0	0	896	0	75
CLARK UNIV	294	2	49	0	0	0	0	153	10	12	68	0	0
EMERSON COL	3	0	0	0	0	0	0	3	0	0	0	0	0
EMMANUEL COL	140	0	0	0	140	0	0	0	0	0	0	0	0
HAMPSHIRE COLLEGE	27	0	0	0	0	0	0	0	0	0	27	0	0
HARVARD UNIV	45,450	25	1,738	95	2,474	405	340	27,468	0	4,452	7,627	165	661



TABLE B-29
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH
AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
MASSACHUSETTS													
LOWELL TECHNOLOGICAL INST	987	0	0	0	982	0	5	0	0	0	0	0	0
MASS COL OF PHARMACY	47	0	0	0	0	0	0	47	0	0	0	0	0
MASS INST OF TECH	104,882	10	6,291	1,097	46,797	0	555	11,533	275	19,978	16,358	1,413	485
MT HOLYOKE COL	99	0	0	0	0	0	0	78	0	0	11	0	0
NORTH SHORE COMM COL	3	0	0	0	0	0	0	3	0	0	0	0	0
NORTHEASTERN UNIV	1,845	0	0	0	950	0	0	325	0	129	392	0	49
RESIS COL	248	0	0	0	248	0	0	0	0	0	0	0	0
SMITH COL	70	0	0	0	0	0	0	53	0	0	17	0	0
SOUTHEASTERN MASS UNIV	74	0	0	0	10	0	0	0	0	9	55	0	0
TUFTS UNIV	5,535	0	315	0	310	0	0	4,517	0	27	366	0	0
J MASS MED SCH-WORCESTER	216	0	0	0	0	0	0	195	0	0	21	0	0
UNIV-MASS AMHERST CAMPUS	6,282	977	228	0	668	0	193	1,491	193	284	2,258	0	0
UNIV-MASS BOSTON CAMPUS	530	0	0	0	0	0	0	20	0	0	96	514	0
WELLESLEY COL	131	0	0	0	0	0	0	131	0	0	0	0	0
WENTWORTH INST	1,437	0	0	0	1,437	0	0	0	0	0	0	0	0
WILLIAMS COL	254	0	0	15	29	0	0	65	0	0	133	0	12
WOODS HOLE OCEAN INST	16,372	0	455	468	7,585	0	145	131	0	127	7,460	0	0
WORCESTER POLYTECH INST	469	0	25	0	95	0	56	79	33	8	173	0	0
MICHIGAN, TOTAL	62,220	2,202	3,974	1,072	9,052	590	792	25,006	278	5,729	11,466	1,065	1,084
ADRIAN COL	5	0	0	0	0	0	0	0	0	0	5	0	0
ANDREWS UNIV	22	0	0	0	0	0	0	22	0	0	0	0	0
CALVIN COL	24	0	0	0	24	0	0	0	0	0	0	0	0
DELTA COL	3	0	0	0	0	0	0	3	0	0	0	0	0
EASTERN MICHIGAN UNIV	169	0	0	0	0	0	79	53	0	30	8	0	0
GOGEBIC COMM COL	3	0	0	0	0	0	0	3	0	0	0	0	0
HOPE COL	54	0	0	0	0	0	14	0	0	0	50	0	0
MERCY COL OF DETROIT	75	0	0	0	0	0	0	75	0	0	0	0	0
MERRILL-PALMER INST	21	0	0	0	0	0	0	21	0	0	0	0	0
MICH COL OSTEOPATHIC MED	31	0	0	0	31	0	0	0	0	0	0	0	0
MICH TECHNOLOGICAL UNIV	367	43	165	0	90	0	0	0	15	0	64	0	0
MICHIGAN STATE UNIV	11,770	2,014	1,502	0	164	0	299	3,777	240	321	2,813	0	150
NORTHERN MICHIGAN UNIV	183	4	0	0	0	0	0	0	0	0	29	0	150
OAKLAND UNIV	491	0	50	0	0	0	0	350	0	30	61	0	0
UNIV OF DETROIT	69	0	0	0	30	0	0	39	0	0	0	0	0
UNIV OF MICHIGAN	44,481	141	2,114	1,072	8,131	590	321	17,242	23	6,333	7,705	1,025	784
WAYNE STATE UNIV	4,579	0	143	0	544	0	0	3,106	0	15	731	40	0
WESTERN MICH UNIV	363	0	0	0	48	0	0	315	0	0	0	0	0
MINNESOTA, TOTAL	16,577	2,000	1,436	0	2,056	0	560	20,088	525	2,590	3,422	0	3,500
CONCORDIA COL, MOOREHEAD	7	0	0	0	0	0	0	7	0	0	0	0	0
GUSTAVUS ADOLPHUS COL	13	0	0	0	0	0	0	13	0	0	0	0	0
MACALESTER COL	76	0	0	0	0	0	0	76	0	0	0	0	0
ST CLOUD STATE COL	1	1	0	0	0	0	0	0	0	0	0	0	0
ST MARYS COL	6	0	0	0	0	0	0	6	0	0	0	0	0
ST OLAF COL	14	0	0	0	0	0	0	14	0	0	0	0	0
UNIV OF MINNESOTA	36,653	1,999	1,436	0	2,056	0	560	19,972	518	2,590	3,422	0	3,500
WINONA STATE COL	7	0	0	0	0	0	0	0	7	0	0	0	0
MISSISSIPPI, TOTAL	7,440	3,012	20	87	208	0	495	3,266	100	313	338	0	0
ALCORN AGG & MECH COL	579	579	0	0	0	0	0	0	0	0	0	0	0
JACKSON STATE COL	40	0	0	0	0	0	0	8	0	32	0	0	0
MISSISSIPPI COL	11	0	0	0	0	0	0	11	0	0	0	0	0
MISSISSIPPI STATE UNIV	3,292	2,265	0	5	42	0	495	106	100	132	146	0	0
UNIV OF MISSISSIPPI	3,612	168	20	70	166	0	0	2,998	0	15	175	0	0
UNIV OF SOUTHERN MISS	306	0	0	12	0	0	0	143	0	134	17	0	0
MISSOURI, TOTAL	37,569	2,556	265	16	2,356	197	87	26,665	339	1,157	3,626	47	258
CENTRAL MO STATE COL	4	0	0	0	0	0	0	4	0	0	0	0	0
LINCOLN UNIV	561	558	0	0	0	0	0	3	0	0	0	0	0
NORTHEAST MO ST COL	8	0	0	0	0	0	0	8	0	0	0	0	0
NORTHWEST MO STATE UNIV	8	0	0	0	0	0	0	8	0	0	0	0	0
ROCKHURST COL	29	0	0	0	29	0	0	0	0	0	0	0	0
SOUTHWEST MO STATE COL	24	0	0	0	0	0	0	10	0	0	14	0	0
ST LOUIS COL OF PHARMACY	5	0	0	0	0	0	0	5	0	0	0	0	0
ST LOUIS JR COLLEGE DIST	135	0	0	0	0	0	0	135	0	0	0	0	0
ST LOUIS UNIV	5,193	0	0	0	384	197	0	4,110	0	10	320	0	172
ST MARYS COL OF FALLON	6	0	0	0	0	0	0	6	0	0	0	0	0
UNIV OF MISSOURI COLUMBIA	8,108	1,998	0	6	502	0	83	4,427	152	190	654	0	86
UNIV OF MISSOURI KAN CITY	412	0	0	0	61	0	0	299	23	29	0	0	0
UNIV OF MISSOURI ROLLA	1,051	0	0	0	158	0	4	0	145	111	643	0	0
UNIV OF MISSOURI ST LOUIS	204	0	0	0	54	0	0	20	0	0	83	47	0
UNIV OF MO GEN SYS	59	0	0	0	0	0	0	50	9	0	0	0	0
WASHINGTON UNIV	21,752	0	265	10	1,168	0	0	17,580	0	817	1,312	0	0

127

TABLE B-29
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH
AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DDO	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
MONTANA, TOTAL	3,593	1,345	60	0	72	0	247	753	424	95	597	0	0
MONTANA STATE UNIV	2,791	1,212	26	0	72	0	93	508	365	82	433	0	0
UNIV OF MONTANA	812	133	34	0	0	0	164	245	59	13	164	0	0
NEBRASKA, TOTAL	7,369	1,626	48	20	78	0	68	4,166	211	199	558	0	295
CENTRAL NEB TECHNICAL COL	26	0	0	0	0	0	0	26	0	0	0	0	0
CHADRON STATE COL	14	0	0	0	0	0	0	2	0	0	12	0	0
CREIGHTON UNIV	449	0	0	0	0	0	0	351	0	0	98	0	0
DANA COL	46	0	0	0	0	0	20	0	0	0	26	0	0
DOANE COL	52	0	0	0	0	0	0	0	52	0	0	0	0
HASTINGS COL	27	0	0	0	0	0	0	27	0	0	0	0	0
U OF NEB MED CTR AT OMAHA	869	0	0	0	0	0	0	799	0	0	70	0	0
UNIV OF NEBRASKA GEN SYS	295	0	0	0	0	0	0	0	0	0	0	0	295
UNIV OF NEBRASKA-LINCOLN	5,463	1,626	48	20	78	0	0	2,881	159	199	452	0	0
UNIV OF NEBRASKA-OMAHA	129	0	0	0	0	0	43	80	0	0	0	0	0
NEVADA, TOTAL	3,247	601	357	46	286	0	283	181	989	10	488	0	0
DESERT RESEARCH INSTITUTE	991	0	0	28	0	0	242	0	310	0	411	0	0
UNIV OF NEV RENO CAMPUS	2,078	556	310	18	286	0	12	181	679	0	36	0	0
UNIV OF NEVADA GEN SYS	41	0	0	0	0	0	0	0	0	0	41	0	0
UNIV OF NEVADA LAS VEGAS	137	45	47	0	0	0	35	0	0	10	0	0	0
NEW HAMPSHIRE, TOTAL	6,742	579	47	524	260	0	45	3,281	72	721	1,113	0	0
DARTMOUTH COL	4,136	0	47	0	82	0	45	3,032	0	149	781	0	0
FRANKLIN PIERCE COL	60	0	0	0	60	0	0	0	0	0	0	0	0
PLYMOUTH STATE COLLEGE	2	0	0	0	0	0	0	2	0	0	0	0	0
UNIV OF N H DURHAM	2,544	679	0	524	118	0	0	247	72	572	332	0	0
NEW JERSEY, TOTAL	25,810	1,141	1,950	181	3,637	0	335	8,708	136	2,933	6,268	497	14
COL OF MED & DENT OF N J	1,179	0	0	0	0	0	0	1,161	0	0	18	0	0
FAIRLEIGH DICKINSON UNIV	55	0	0	0	55	0	0	0	0	0	0	0	0
MONTCLAIR STATE COL	55	0	0	4	6	0	0	45	0	0	0	0	0
NEWARK COL OF ENGINEERING	27	0	0	0	12	0	0	0	0	0	15	0	0
PRINCETON UNIV	14,456	0	1,868	98	2,312	0	198	2,515	0	2,903	4,184	376	12
RICHARD STOCKTON ST COLL	30	0	0	0	0	0	0	0	0	0	0	0	0
RUTGERS UNIVERSITY	8,506	1,111	57	19	367	0	137	4,888	136	30	1,727	32	2
SETON HALL UNIV	52	0	0	0	12	0	0	40	0	0	0	0	0
ST PETERS COL	873	0	0	0	873	0	0	0	0	0	0	0	0
STEVENS INST OF TECH	577	0	35	70	0	0	0	59	0	0	324	89	0
NEW MEXICO, TOTAL	12,468	863	0	0	5,523	0	28	2,774	422	933	1,073	224	628
COL OF SANTA FE	35	0	0	0	0	0	0	35	0	0	0	0	0
EASTERN NEW MEXICO UNIV	221	0	0	0	0	0	28	193	0	0	0	0	0
NEW MEX INST MINING & TEC	1,017	0	0	0	601	0	0	0	30	0	386	0	0
NEW MEXICO STATE UNIV	5,865	853	0	0	3,745	0	0	1,349	392	396	130	0	0
UNIV OF ALBUQUERQUE	10	0	0	0	10	0	0	0	0	0	0	0	0
UNIV OF NEW MEXICO	4,320	10	0	0	1,167	0	0	1,197	0	537	557	224	628
NEW YORK, TOTAL	209,541	2,389	13,502	1,274	17,017	298	1,202	121,346	655	7,473	42,933	463	1,889
ADELPHI UNIV	493	0	0	0	0	0	0	448	0	0	45	0	0
ALBANY COL OF PHARMACY	7	0	0	0	0	0	0	7	0	0	0	0	0
ALBANY MEDICAL COL	2,970	0	0	0	0	0	0	2,920	0	50	0	0	0
BANK STREET COL OF ED	19	0	0	0	0	19	0	0	0	0	0	0	0
BARNARD COL	14	0	0	0	14	0	0	0	0	0	0	0	0
CLARKSON COL OF TECH	830	0	76	0	94	0	74	214	0	20	412	0	0
COLUMBIA UNIV	45,493	10	3,429	405	5,020	127	27	20,871	81	2,756	12,117	70	580
COLUMBIA UNIV GEN SYS	221	0	0	0	0	0	0	201	0	0	0	0	0
CORNELL UNIV	11,034	2,231	1,332	24	2,047	0	522	11,415	257	972	11,654	0	580
CUNY BROOKLYN COL	271	0	62	0	32	0	0	110	0	0	67	0	0
CUNY CENTRAL SYSTEM	1,593	0	0	0	284	0	0	937	0	0	0	0	372
CUNY CITY COL	1,677	0	55	0	48	0	0	193	0	169	1,212	0	0
CUNY GRAD SCH & UNIV CTR	312	0	0	0	0	0	0	238	0	0	74	0	0
CUNY HOSTOS COMM COL	10	0	0	0	0	0	0	10	0	0	0	0	0
CUNY HUNTER COL	306	0	0	0	0	0	0	164	0	0	142	0	0
CUNY LEHMAN COLLEGE	99	0	0	0	0	0	30	69	0	0	0	0	0
CUNY MEDGAR EVERS COL	15	0	0	0	0	0	0	15	0	0	0	0	0
CUNY MT SINAI SCH OF MED	8,922	0	32	0	149	0	0	8,547	0	17	177	0	0
CUNY QUEENS COL	414	0	0	0	0	0	0	245	0	0	169	0	0
CUNY RICHMOND COL	15	0	0	0	0	0	0	0	0	0	15	0	0
CUNY STATEN ISL COMM COL	5	0	0	0	0	0	0	0	0	0	5	0	0
QUODLEY OBSERVATORY	973	0	0	0	0	0	0	0	0	973	0	0	0
ROCHESTER UNIV	383	0	0	0	27	0	0	166	0	154	36	0	0

TABLE B-29
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH
AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
NEW YORK													
HAMILTON COL	28	0	0	0	0	0	0	0	0	28	0	0	0
HOBART AND WM SMITH COL	3	0	0	0	0	0	0	3	0	0	0	0	0
HOFSTRA UNIV	78	0	0	0	0	0	0	32	0	11	35	0	0
ITHACA COL	24	0	0	0	0	0	0	24	0	0	0	0	0
LONG ISLAND UNIVERSITY	212	0	0	0	0	0	3	83	3	87	0	25	14
MANHATTAN COL	121	0	0	0	24	0	97	0	0	0	0	0	0
MARIST COL	3	0	0	0	0	0	0	3	0	0	0	0	0
NEW SCHOOL FOR SOCIAL RES	272	0	0	0	0	0	0	272	0	0	0	0	0
NEW YORK MEDICAL COL	4,526	0	0	0	138	0	0	3,980	0	0	408	0	0
NEW YORK UNIV	23,045	0	2,060	70	2,022	0	164	15,230	70	637	2,514	122	156
POLYTECHNIC INST OF BKLYN	2,576	0	35	0	1,672	0	23	378	0	55	713	0	0
PRATT INST	20	0	0	0	0	0	0	20	0	0	0	0	0
RENSSELAER POLYTECH INST	3,206	0	877	0	674	0	1	341	0	514	799	0	0
ROCHESTER INST OF TECH	189	0	0	0	14	0	0	0	150	0	25	0	0
ROCKEFELLER UNIV	9,203	0	71	0	189	0	0	8,057	0	0	886	0	0
ST JOHNS UNIV	5	0	0	0	0	0	0	0	0	0	6	0	0
SUNY ALT COL ALFRED	15	0	0	0	0	0	0	0	0	15	0	0	0
SUNY BROOME TECH CMTY COL	4	0	0	0	0	0	0	0	0	4	0	0	0
SUNY C ENV SCI & FORESTRY	337	0	0	0	0	0	0	105	35	0	197	0	0
SUNY CENTRAL SYSTEM	986	0	0	725	20	0	185	53	0	0	0	0	0
SUNY COL BROCKPORT	30	0	0	0	0	0	0	30	0	0	0	0	0
SUNY COL BUFFALO	477	0	0	0	407	0	0	70	0	0	0	0	0
SUNY COL CORTLAND	33	0	0	0	0	0	0	26	0	0	7	0	0
SUNY COL FREDONIA	59	0	0	0	0	0	0	19	0	0	70	0	0
SUNY COL GENESEO	47	0	0	0	0	0	0	0	0	47	0	0	0
SUNY COL NEW PALTZ	11	0	0	0	0	0	0	0	0	0	11	0	0
SUNY COL ONEONTA	11	0	0	0	0	0	0	11	0	0	0	0	0
SUNY COL OSWEGO	27	0	0	0	0	0	0	27	0	0	0	0	0
SUNY COL PLATTSBURGH	12	0	0	0	0	0	0	0	0	0	12	0	0
SUNY COL PURCHASE	47	0	0	0	0	0	0	47	0	0	0	0	0
SUNY DOWNSTATE MED CTR	4,159	0	0	0	151	0	0	3,925	0	1	82	0	0
SUNY ST U ALBANY	4,743	26	64	0	318	152	71	3,262	0	0	938	0	0
SUNY ST U BINGHAMTON	449	0	0	0	0	0	0	134	0	0	355	0	12
SUNY ST U BUFFALO	8,208	0	117	0	78	0	0	6,766	0	185	1,062	0	0
SUNY ST U STONY BROOK	5,163	0	519	0	97	0	0	1,068	0	593	2,786	0	0
SUNY UPSTATE MED CTR	2,150	0	8	0	0	0	0	2,107	0	0	35	0	0
SYRACUSE UNIV	4,415	122	144	0	1,275	0	0	1,480	35	58	1,268	33	0
TEACHERS COL	543	0	0	0	0	0	0	485	0	0	58	0	0
UNION COL	24	0	0	0	20	0	0	0	0	0	4	0	0
UNIV OF ROCHESTER	18,371	0	4,455	0	1,544	0	5	9,141	0	127	2,719	205	175
UTICA COLLEGE	44	0	0	0	0	0	0	44	0	0	0	0	0
VASSAR COL	28	0	0	0	0	0	0	28	0	0	0	0	0
WEBB INST OF NAVAL ARCH	92	0	0	50	4	0	0	0	0	0	20	8	0
YESHIVA UNIV	19,068	0	66	0	655	0	0	17,325	24	0	998	0	0
NORTH CAROLINA, TOTAL	49,045	3,963	1,497	780	3,090	0	744	29,509	230	485	6,460	119	2,168
APPALACHIAN STATE UNIV	146	0	0	0	0	0	0	146	0	0	0	0	0
DAVIDSON COL	37	0	0	0	0	0	0	0	0	0	37	0	0
DUKE UNIV	17,768	0	782	15	1,927	0	102	12,910	7	145	1,973	0	7
EAST CAROLINA UNIV	123	0	0	0	0	0	0	79	0	0	44	0	0
N C AGRIC & TECH ST UNIV	946	776	0	0	0	0	0	0	0	52	43	0	75
N C STATE UNIV AT RALEIGH	7,850	3,197	306	0	360	0	246	2,051	223	273	813	119	272
NO CAROLINA CENTRAL UNIV	146	0	0	0	0	0	0	96	0	0	50	0	0
SHAW UNIV	50	0	0	0	0	0	0	50	0	0	0	0	0
UNIV OF N C AT CHAP HILL	16,811	0	399	720	763	0	92	11,309	0	15	3,509	0	14
UNIV OF N C AT GREENSBORO	49	0	0	0	0	0	0	6	0	0	43	0	0
UNIV OF N C GEN SYS	2,104	0	0	0	0	0	304	0	0	0	0	0	1,800
WAKE FOREST UNIV	2,916	0	20	0	40	0	0	2,820	0	0	36	0	0
WESTERN CAROLINA UNIV	99	0	0	45	0	0	0	42	0	0	12	0	0
NORTH DAKOTA, TOTAL	3,799	970	4	105	100	0	46	696	1,760	16	91	0	0
JAMESTOWN COL	282	0	0	0	0	0	0	282	0	0	0	0	0
MINOT ST COL	25	0	0	0	0	0	0	25	0	0	0	0	0
NORTH DAKOTA STATE UNIV	1,330	935	0	105	0	0	35	49	160	16	0	0	0
UNIV OF NORTH DAKOTA	2,191	35	4	0	100	0	11	340	1,600	0	91	0	0
OHIO, TOTAL	54,080	2,245	1,189	116	11,037	1,192	877	27,939	338	1,489	6,080	158	1,420
ANTIOCH COL	1,335	0	0	0	0	1,020	0	315	0	0	0	0	0
BLUFFTON COL	13	0	0	0	0	0	0	0	0	0	13	0	0
BOWLING GREEN STATE UNIV	299	0	0	0	0	0	0	135	0	35	129	0	0
CASE WESTERN RESERVE UNIV	14,933	8	653	0	1,422	0	34	9,184	114	565	2,706	0	147
CENTRAL STATE UNIV	172	0	0	0	0	172	0	0	0	0	0	0	0
CLEVELAND STATE UNIV	40	0	0	0	0	0	0	40	0	0	0	0	0
COL OF WOOSTER	14	0	0	0	0	0	0	14	0	0	0	0	0
DENISON UNIV	14	0	0	0	0	0	0	14	0	0	0	0	0

TABLE B-29
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH
AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DDO	DEO	EPA	HEW	INT	NASA	NSF	ODF	OTHER*
OHIO													
JOHN CARROLL UNIV	96	0	0	0	39	0	0	0	0	0	47	0	0
KENT STATE UNIV	499	0	49	73	32	0	87	70	0	39	150	0	0
KENYON COL	31	0	0	0	0	0	0	31	0	0	0	0	0
MED COL OF OHIO AT TOLEDO	571	0	0	0	0	0	0	561	0	0	0	0	0
MIAMI UNIV	350	0	0	0	232	0	0	49	0	0	69	0	0
MUSKINGUM COL	12	0	0	0	0	0	0	0	0	0	12	0	0
OSBERLIN COL	21	0	0	0	0	0	0	0	0	0	21	0	0
OHIO STATE UNIV	23,059	2,237	433	43	3,232	0	314	12,344	183	500	2,348	154	1,273
OHIO UNIV	475	0	0	0	225	0	0	74	0	76	109	0	0
OHIO WESLEYAN UNIV	22	0	0	0	0	0	0	22	0	0	0	0	0
UNIV OF AKRON	153	0	0	0	0	0	0	84	0	0	69	0	0
UNIV OF CINCINNATI	6,447	0	55	0	772	0	407	4,738	0	183	292	0	0
UNIV OF DAYTON	4,944	0	0	0	4,828	0	31	25	0	64	40	0	0
UNIV OF TOLEDO	159	0	0	0	0	0	0	46	41	10	62	0	0
WESTERN COLLEGE	17	0	0	0	0	0	0	0	0	0	17	0	0
WITTENBERG UNIV	35	0	0	0	15	0	0	20	0	0	0	0	0
WRIGHT STATE UNIV	413	0	0	0	240	0	0	173	0	0	0	0	0
YOUNGSTOWN STATE UNIV	17	0	0	0	0	0	0	0	0	17	0	0	0
OKLAHOMA, TOTAL	7,953	1,922	54	45	1,764	0	171	2,417	277	122	1,074	117	0
EAST CENTRAL STATE COL	67	0	0	0	0	0	0	67	0	0	0	0	0
LANGSTON UNIV	478	429	0	0	0	0	0	0	0	0	49	0	0
NORTHEASTERN STATE COL	11	0	0	0	0	0	0	0	0	0	11	0	0
OKLAHOMA BAPTIST UNIV	14	0	0	0	0	0	0	14	0	0	0	0	0
OKLAHOMA CITY UNIV	72	0	0	0	72	0	0	0	0	0	0	0	0
OKLAHOMA STATE UNIV	3,944	1,493	15	0	1,252	0	99	612	143	0	303	27	0
SEMINOLE JR COL	9	0	0	0	0	0	0	9	0	0	0	0	0
SOUTHWESTERN STATE COL	25	0	0	0	0	0	0	25	0	0	0	0	0
UNIV OF OKLAHOMA	3,229	0	39	45	440	0	72	1,679	119	76	669	90	0
UNIV OF TULSA	110	0	0	0	0	0	0	7	15	46	42	0	0
OREGON, TOTAL	22,944	1,438	790	1,742	1,718	0	499	10,509	231	504	5,165	0	298
GEORGE FOX COL	6	0	0	0	0	0	0	6	0	0	0	0	0
LANE COMM COL	148	0	0	0	0	0	0	148	0	0	0	0	0
LINFIELD COL	117	0	0	0	0	0	0	26	0	69	22	0	0
MT HOOD COMM COL	2	0	0	0	0	0	0	2	0	0	0	0	0
OREG ST HIGH ED GEN SYS	28	0	0	0	0	0	0	28	0	0	0	0	0
OREGON COL OF EDUCATION	61	2	29	0	0	0	0	30	0	0	0	0	0
OREGON GRADUATE CENTER	330	0	0	0	126	0	0	70	0	0	134	0	0
OREGON STATE UNIV	11,697	1,430	459	1,742	1,070	0	499	2,512	231	271	3,274	0	219
PACIFIC UNIV	45	0	0	0	0	0	0	45	0	0	0	0	0
PORTLAND COMM COL	39	0	0	0	0	0	0	39	0	0	0	0	0
PORTLAND STATE UNIVERSITY	268	6	0	0	64	0	0	170	0	0	28	0	0
REED COL	142	0	0	0	57	0	0	84	0	0	41	0	0
SOUTHERN OREGON COL	40	0	0	0	9	0	0	31	0	0	0	0	0
U OREGON DENTAL SCHOL	343	0	0	0	103	0	0	280	0	0	0	0	0
U OREGON MEDICAL SCHOL	3,829	0	82	0	20	0	0	3,727	0	0	0	0	0
UNIV OF OREGON - EUGENE	5,559	0	220	0	269	0	0	3,271	0	164	1,646	0	79
PENNSYLVANIA, TOTAL	97,988	2,467	3,515	335	8,657	292	694	51,446	1,206	1,975	16,160	368	349
BEAVER COL	5	0	0	0	0	0	0	5	0	0	0	0	0
BLOOMSBURG STATE COL	6	0	0	0	0	0	0	6	0	0	0	0	0
BRYN MAWR COL	242	0	0	0	0	0	0	195	0	0	47	0	0
BUCKNELL UNIV	64	0	0	0	0	0	0	27	0	0	37	0	0
CARNEGIE MELLON UNIV	8,469	0	1,505	0	2,897	0	0	1,134	0	139	2,755	35	4
CLARION STATE COL	10	0	0	0	0	0	0	10	0	0	0	0	0
DICKINSON COL	16	0	0	0	0	0	0	16	0	0	0	0	0
DREXEL UNIVERSITY	1,715	0	0	0	434	0	363	306	0	166	446	0	0
DUQUESNE UNIV	74	0	0	0	0	0	0	68	0	0	6	0	0
EAST STROUOSBURG STATE COL	9	0	0	0	0	0	0	9	0	0	0	0	0
FRANKLIN AND MARSHALL COL	214	0	0	0	0	0	0	24	0	0	36	159	0
GETTYSBURG COL	7	0	0	0	0	0	0	7	0	0	0	0	0
HAHNEMANN MED COL & HOSP	2,028	0	0	0	306	0	0	1,722	0	0	0	0	0
HAVERTFORD COL	374	0	0	0	0	0	0	366	0	0	12	0	0
JUNIATA COL	8	0	0	0	0	0	0	8	0	0	0	0	0
LEHIGH UNIV	2,176	0	36	182	445	0	0	149	128	239	997	0	0
LINCOLN UNIV	169	0	20	0	0	0	0	149	0	0	0	0	0
LOCK HAVEN STATE COL	9	0	0	0	0	0	0	9	0	0	0	0	0
MARYWOOD COL	303	0	0	0	0	0	0	303	0	0	0	0	0
MEDICAL COLLEGE OF PA	711	0	0	0	0	0	0	681	0	0	30	0	0
PENNSYLVANIA STATE UNIV	15,989	2,412	188	62	1,183	0	275	7,515	732	747	2,695	79	101
PHILA COL OF PHARM & SCI	81	0	0	0	0	0	0	81	0	0	0	0	0
SHIPPENSBURG STATE COL	3	0	0	0	0	0	0	3	0	0	0	0	0
ST JOSEPHS COL	10	0	0	0	10	0	0	0	0	0	0	0	0
SWARTHMORE COL	213	0	0	0	0	0	0	39	0	15	159	0	0

TABLE B-29
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH
AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOJ	DOE	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
PENNSYLVANIA													
TEMPLE UNIV	9,419	0	62	0	204	0	0	8,583	0	33	465	0	72
THOS JEFFERSON UNIV HOSP	3,438	0	56	0	12	0	0	3,430	0	0	0	0	0
UNIV OF PENNSYLVANIA	28,379	55	1,408	47	1,979	292	47	17,799	197	132	6,195	104	124
UNIV OF PITTSBURGH	13,197	0	360	0	1,167	0	13	9,676	149	504	2,290	0	48
VILLANOVA UNIV	92	0	0	0	20	0	0	72	0	0	0	0	0
WILKES COL	450	0	0	0	0	0	0	450	0	0	0	0	0
YORK COL OF PENNSYLVANIA	44	0	0	44	0	0	0	0	0	0	0	0	0
RHODE ISLAND, TOTAL	13,566	539	607	1,291	2,046	0	195	2,991	192	204	5,488	13	0
BROWN UNIV	8,197	0	592	103	879	0	0	2,624	60	204	3,738	0	0
JOHNSON & WALES COLLEGE	8	0	0	0	0	0	0	8	0	0	0	0	0
RHODE ISLAND COL	7	0	0	0	0	0	0	7	0	0	0	0	0
RHODE ISLAND SCH DESIGN	14	0	0	0	14	0	0	0	0	0	0	0	0
UNIV OF RHODE ISLAND	5,340	539	15	1,191	1,153	0	195	352	132	0	1,750	13	0
SOUTH CAROLINA, TOTAL													
BENEDICT COL	150	0	0	0	0	0	0	150	0	0	0	0	0
CLEMSON UNIV	2,225	1,635	0	5	254	0	4	38	176	36	77	0	0
FURMAN UNIV	10	0	0	0	0	0	0	10	0	0	0	0	0
MED UNIV OF S CAROLINA	1,514	0	0	0	149	0	249	1,116	0	0	0	0	0
SOUTH CAROLINA STATE COL	493	493	0	0	0	0	0	0	0	0	0	0	0
UNIV OF SOUTH CAROLINA	1,297	0	54	0	105	0	51	259	0	65	762	0	0
WOFFORD COL	22	0	0	0	0	0	0	22	0	0	0	0	0
SOUTH DAKOTA, TOTAL	3,094	924	75	20	105	0	52	467	1,083	11	392	15	0
AUGUSTANA COL	58	0	0	0	0	0	0	0	0	0	58	0	0
SIOUX FALLS COL	20	0	0	0	0	0	0	0	0	0	20	0	0
SOUTH DAK SCH MINES TECH	1,048	0	0	20	91	0	0	0	741	6	190	0	0
SOUTH DAKOTA STATE UNIV	1,516	924	0	0	14	0	58	57	342	5	124	0	0
UNIV OF SOUTH DAKOTA	452	0	25	0	0	0	2	410	0	0	0	15	0
TENNESSEE, TOTAL													
CLEVELAND STATE COMM COL	1	0	0	0	0	0	0	1	0	0	0	0	0
FISK UNIV	29	0	0	0	0	0	0	29	0	0	0	0	0
GEORGE PEABODY COL TECHR	968	0	0	0	0	0	0	968	0	0	0	0	0
KNOXVILLE COL	38	0	0	0	0	0	0	0	0	0	0	0	0
LE MOYNE-OWEN COL	9	0	0	0	0	0	0	9	0	0	0	0	0
MEHARRY MEDICAL COL	1,107	0	0	0	0	0	0	1,107	0	0	0	0	0
MEMPHIS STATE UNIV	263	0	0	65	79	0	0	44	0	0	0	0	75
MILLIGAN COL	4	0	0	0	0	0	0	4	0	0	0	0	0
SOUTHWESTERN AT MEMPHIS	13	0	0	0	0	0	0	0	0	0	13	0	0
TENNESSEE STATE UNIV	520	573	11	0	0	0	0	0	0	0	36	0	0
TENNESSEE TECHNOLOG UNIV	121	0	0	0	46	0	0	20	0	55	0	0	0
UNIV OF TENN MED UNITS MEMPH	3,929	0	43	0	97	0	0	3,757	0	0	32	0	0
UNIV OF TENN AT CHATTNGA	422	0	0	77	0	0	0	0	0	0	0	345	0
UNIV OF TENN AT KNOXVILLE	5,997	1,984	1,366	0	465	0	0	1,114	358	227	473	0	10
UNIV OF TENN GEN SYS	242	0	0	0	125	0	0	117	0	0	0	0	0
UNIV OF THE SOUTH	1	1	0	0	0	0	0	0	0	0	0	0	0
VANDERBILT UNIV	11,142	0	101	0	151	0	33	9,748	0	100	1,009	0	0
TEXAS, TOTAL	77,532	3,978	2,384	1,505	9,654	252	560	40,251	663	7,318	9,544	592	791
ABILENE CHRISTIAN COL	32	0	0	0	0	0	0	32	0	0	0	0	0
AUSTIN COL	6	0	0	0	0	0	0	6	0	0	0	0	0
BAYLOR COL OF DENTISTRY	38	0	0	0	0	0	0	38	0	0	0	0	0
BAYLOR COL OF MEDICINE	11,291	0	0	0	107	0	100	10,688	0	368	28	0	0
BAYLOR UNIV	1,522	0	33	0	107	0	0	1,340	0	0	42	0	0
BISHOP COL	76	0	0	0	27	0	0	0	0	0	43	0	0
EAST TEXAS STATE UNIV	9	0	0	0	0	0	0	9	0	0	0	0	0
EL PASO COMMUNITY COLLEGE	76	0	0	0	0	0	0	76	0	0	0	0	0
HOUSTON BAPTIST COL	20	0	0	0	0	0	0	0	0	20	0	0	0
LAMAR UNIVERSITY	9	0	0	0	0	0	0	0	0	9	0	0	0
NORTH TEXAS STATE UNIV	108	0	0	0	0	0	0	47	0	51	0	0	10
OUR LADY OF THE LAKE COL	32	0	0	0	0	0	0	32	0	0	0	0	0
PRAIRIE VIEW A & M COL	846	753	0	0	0	0	40	0	0	53	0	0	0
RICE UNIV	4,470	0	600	0	441	0	0	751	0	922	1,601	0	155
SOUTHERN METHODIST UNIV	1,587	0	0	15	808	0	27	7	95	75	495	0	75
SOUTHWEST TEXAS ST UNIV	13	0	13	0	0	0	0	0	0	0	0	0	0
STEPHEN F AUSTIN ST UNIV	112	62	0	0	0	0	0	10	0	40	0	0	0
TEXAS A & M UNIV	10,640	3,020	438	1,425	1,430	0	202	859	175	764	1,975	352	0
TEXAS A&M UNIV GEN SYS	757	17	0	0	0	0	30	88	289	0	0	0	333
TEXAS CHRISTIAN UNIV	121	0	0	0	54	0	0	0	0	31	36	0	0
TEXAS SOUTHERN UNIV	22	0	0	0	0	0	0	2	0	0	20	0	0
TEXAS TECH UNIVERSITY	842	10	9	0	206	0	0	255	46	88	255	0	13

TABLE B-29
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH
AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DD	DE	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
TEXAS													
TEXAS WOMANS UNIV	213	116	0	0	0	0	0	96	0	1	0	0	0
TRINITY UNIV	485	0	0	0	25	0	0	425	0	35	0	0	0
U DENT BRANCH HOUSTON	445	0	0	0	0	0	0	442	0	43	0	0	0
U OF TEX GRAD SCH BIO SCI	834	0	0	0	0	0	0	794	0	0	40	0	0
U OF TEX MED SCH SAN ANT	1,609	0	0	0	150	0	0	1,419	0	20	20	0	0
U TEX HOUSTON MED SCHOOL	888	0	0	0	0	0	0	851	0	0	37	0	0
J TEX MD ANDRSN HOSPITUM	8,316	0	51	0	66	0	0	8,048	0	16	125	0	0
U TEX MED BRNCH GALVESTON	3,148	0	0	0	0	0	0	2,923	0	190	35	0	0
U TEX NURS SCH (UNIV-WIDE)	391	0	0	0	0	0	0	391	0	0	0	0	0
U TEX SCH PUB HLTH HOUSTN	419	0	0	0	0	0	0	10	0	389	20	0	0
U TEX SN ANTONIO DENT SCH	21	0	0	0	0	0	0	21	0	0	0	0	0
U TEX SW MED SCH DALLAS	6,499	0	7	0	191	0	0	6,182	0	77	42	0	0
UNIV OF HOUSTON	2,642	0	172	0	136	0	17	583	36	812	676	240	10
UNIV OF ST THOMAS	66	0	0	0	45	0	0	0	0	0	21	0	0
UNIV OF TEXAS ARLINGTON	29	0	0	0	0	0	0	13	0	0	16	0	0
UNIV OF TEXAS AT AUSTIN	14,793	0	1,051	27	5,358	212	73	3,288	32	1,239	3,326	0	195
UNIV OF TEXAS AT DALLAS	3,506	0	0	38	151	0	0	511	0	2,075	731	0	0
UNIV OF TEXAS AT EL PASO	348	0	0	0	215	0	111	22	0	0	0	0	0
UNIV OF TEXAS GEN SYS	137	0	0	0	137	0	0	0	0	0	0	0	0
UTAH, TOTAL	25,471	929	1,252	191	4,420	0	373	10,600	1,314	1,104	4,175	311	402
BRIGHAM YOUNG UNIV	869	51	6	0	179	0	0	322	39	32	240	0	0
UNIV OF UTAH	17,312	2	1,209	164	2,040	0	214	9,689	417	1,032	2,320	111	110
UTAH HIGHER ED CEN SYS	34	0	0	0	0	0	0	34	0	0	0	0	0
UTAH STATE UNIV	6,985	872	37	27	2,201	0	155	288	858	40	1,615	200	692
UTAH TECHNICAL COL-SLT LK	180	0	0	0	0	0	0	180	0	0	0	0	0
WEBER STATE COL	91	4	0	0	0	0	0	87	0	0	0	0	0
VERMONT, TOTAL	5,040	665	21	0	376	0	69	3,527	79	15	146	142	0
BENNINGTON COL	3	0	0	0	0	0	0	3	0	0	0	0	0
JOHNSON STATE COL	7	0	0	0	0	0	0	7	0	0	0	0	0
MIDDLEBURY COL	109	0	0	0	0	0	24	21	0	0	64	0	0
UNIV OF VERMONT	4,901	665	21	0	376	0	45	3,496	79	15	62	142	0
WINDHAM COL	20	0	0	0	0	0	0	0	0	0	20	0	0
VIRGINIA, TOTAL	19,442	2,430	827	103	1,305	0	38	9,001	450	2,133	2,752	328	75
COL OF WILLIAM AND MARY	483	0	0	0	0	0	0	66	0	319	98	0	0
FERRUM JP COL	10	0	0	0	0	0	0	10	0	0	0	0	0
GEORGE MASON UNIVERSITY	18	0	0	0	0	0	0	0	0	0	18	0	0
HAMPTON INST	90	0	0	0	0	0	0	90	0	0	0	0	0
MADISON COL	10	0	0	0	0	0	0	10	0	0	0	0	0
OLD DOMINION UNIV	741	0	0	0	57	0	0	15	3	624	42	0	0
RANDOLPH-MACON WOMANS COL	6	0	0	0	0	0	0	6	0	0	0	0	0
ROANOKE COL	29	0	14	0	0	0	0	0	0	0	15	0	0
UNIV OF VIRGINIA	8,137	0	722	30	722	0	38	4,702	61	476	1,386	0	0
VA COMMONWEALTH UNIV	3,636	0	49	0	23	0	0	3,337	0	133	94	0	0
VIRGINIA MILITARY INST	54	0	0	0	54	0	0	0	0	0	0	0	0
VIRGINIA POLYTECHNIC INST	5,477	1,885	42	73	429	0	0	764	386	549	1,021	328	0
VIRGINIA STATE COL	694	545	0	0	20	0	0	1	0	32	21	0	75
WASHINGTON & LEE UNIV	57	0	0	0	0	0	0	0	0	0	57	0	0
WASHINGTON, TOTAL	52,826	1,707	2,406	2,071	5,510	0	584	28,457	355	980	10,624	11	11
CENTRAL WASH STATE COL	118	0	0	0	0	0	0	118	0	0	0	0	0
EASTERN WASH STATE COL	10	0	0	0	0	0	0	0	0	0	10	0	0
GRAYS HARBOR COL	2	0	0	0	0	0	0	2	0	0	0	0	0
SEATTLE COMM COL	150	0	0	0	0	0	0	150	0	0	0	0	0
SEATTLE PACIFIC COL	2	0	0	0	0	0	0	2	0	0	0	0	0
SEATTLE UNIV	28	0	0	0	28	0	0	0	0	0	0	0	0
ST MARTINS COL	43	0	0	0	0	0	0	43	0	0	0	0	0
UNIV OF WASHINGTON	48,241	214	2,222	2,071	5,412	0	505	26,715	147	980	9,953	11	11
WASHINGTON STATE UNIV	4,042	1,493	176	0	70	0	136	1,325	214	0	624	0	0
WESTERN WASH STATE COL	190	0	8	0	0	0	43	162	0	0	37	0	0
WEST VIRGINIA, TOTAL	4,145	1,228	0	36	75	150	278	1,258	589	57	29	370	75
ALDERSON-BROODINS COL	96	0	0	0	0	0	0	96	0	0	0	0	0
FAIRMONT STATE COL	7	0	0	0	0	0	0	7	0	0	0	0	0
MARSHALL UNIV	1	0	0	0	1	0	0	0	0	0	0	0	0
SHEPHERD COL	37	0	0	0	0	0	0	37	0	0	0	0	0
WEST VIRGINIA INST TECH	150	0	0	0	0	150	0	0	0	0	0	0	0
WEST VIRGINIA UNIV	3,854	1,228	0	36	74	0	278	1,118	589	57	29	370	75

132

TABLE B-29
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH
AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOE	OEJ	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
WISCONSIN, TOTAL	47,721	1,964	2,764	1,780	2,653	2,815	751	24,000	349	2,482	8,189	0	54
INST OF PAPER CHEMISTRY	143	3	0	0	0	0	140	0	0	0	0	0	0
LAWRENCE UNIV	58	0	0	0	0	0	0	15	0	0	43	0	0
MARQUETTE UNIV	502	0	34	0	82	0	0	220	0	3	163	0	0
MEDICAL COLLEGE OF WISC	3,732	0	0	0	100	0	0	3,519	6	0	107	0	0
MORAINÉ PARK TECH INST	25	0	0	0	0	0	0	25	0	0	0	0	0
RIPON COL	20	0	0	0	0	0	0	20	0	0	0	0	0
UNIV OF WIS EXTENSION DIV	11	0	0	0	0	0	0	11	0	0	0	0	0
UNIV OF WIS-EAU CLAIRE	47	0	0	0	0	0	0	47	0	0	0	0	0
UNIV OF WIS-GREEN BAY	10	0	0	0	0	0	0	10	0	0	0	0	0
UNIV OF WIS-MADISON	40,943	1,961	2,652	1,780	2,424	2,815	459	18,710	323	2,410	7,379	0	30
UNIV OF WIS-MILWAUKEE	621	0	59	0	47	0	75	34	0	69	337	0	0
UNIV OF WIS-PARKS/OE	110	0	19	0	0	0	0	11	0	0	80	0	0
UNIV OF WIS-PLATTEVILLE	14	0	0	0	0	0	0	0	14	0	0	0	0
UNIV OF WIS-STOUT	360	0	0	0	0	0	0	340	0	0	0	0	20
UNIV OF WIS GEN SYS	716	0	0	0	0	0	77	635	0	0	0	0	4
UNIV OF WISCONSIN CTR	403	0	0	0	0	0	0	403	0	0	0	0	0
VITERBO COL	6	0	0	0	0	0	0	0	6	0	0	0	0
WYOMING, TOTAL	2,996	725	59	0	564	0	96	178	861	101	412	0	0
UNIV OF WYOMING	2,996	725	59	0	564	0	96	178	861	101	412	0	0
GUAM, TOTAL	42	0	0	0	0	0	42	0	0	0	0	0	0
UNIVERSITY OF GUAM	42	0	0	0	0	0	42	0	0	0	0	0	0
PUERTO RICO, TOTAL	5,182	1,776	1,434	0	0	0	0	1,813	77	0	82	0	0
PUERTO RICO JK COL	10	0	0	0	0	0	0	10	0	0	0	0	0
UNIV OF P R GEN SYS	1,444	0	1,434	0	0	0	0	10	0	0	0	0	0
UNIV OF P R MAYAGUEZ	159	0	0	0	0	0	0	0	77	0	82	0	0
UNIV OF P R RIO PIEDRAS	1,776	1,776	0	0	0	0	0	0	0	0	0	0	0
UNIV OF P R SAN JUAN	1,793	0	0	0	0	0	0	1,793	0	0	0	0	0
VIRGIN ISLANDS, TOTAL	6	0	0	3	0	0	0	0	0	0	3	0	0
COL OF VIRGIN ISLANDS	6	0	0	3	0	0	0	0	0	0	3	0	0

* INCLUDES AID, HUD, AND LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION

END OF LISTING

TABLE B-30

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR
R&D PLANT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
UNITED STATES, TOTAL	36,917	0	4,074	0	0	0	0	22,240	0	575	10,023	0	0
ALABAMA, TOTAL	1,200	0	0	0	0	0	0	1,200	0	0	0	0	0
U OF ALA TN BTMNGHAM	1,200	0	0	0	0	0	0	1,200	0	0	0	0	0
ALASKA, TOTAL	49	0	0	0	0	0	0	0	0	0	49	0	0
UNIV OF ALASKA	49	0	0	0	0	0	0	0	0	0	49	0	0
ARIZONA, TOTAL	82	0	44	0	0	0	0	0	0	24	14	0	0
UNIV OF ARIZONA	82	0	44	0	0	0	0	0	0	24	14	0	0
CALIFORNIA, TOTAL	6,277	0	574	0	0	0	0	3,140	0	0	2,603	0	0
CAL INST OF TECH	425	0	0	0	0	0	0	0	0	0	425	0	0
CALIF ST UNIV LOS ANGELES	50	0	0	0	0	0	0	0	0	0	50	0	0
CALIF ST UNIV S FRANCISCO	30	0	0	0	0	0	0	0	0	0	30	0	0
STANFORD UNIV	356	0	0	0	0	0	0	0	0	0	356	0	0
UNIV OF CAL BERKELEY	349	0	45	0	0	0	0	0	0	0	304	0	0
UNIV OF CAL DAVIS	185	0	185	0	0	0	0	0	0	0	0	0	0
UNIV OF CAL LOS ANGELES	3,397	0	187	0	0	0	0	3,140	0	0	70	0	0
UNIV OF CAL RTVERSIDE	55	0	0	0	0	0	0	0	0	0	55	0	0
UNIV OF CAL SAN DIEGO	1,101	0	0	0	0	0	0	0	0	0	1,101	0	0
UNIV OF CAL SAN FRANCISCO	133	0	117	0	0	0	0	0	0	0	16	0	0
UNIV OF CAL SANTA BARBARA	60	0	0	0	0	0	0	0	0	0	60	0	0
UNIV OF SOUTHERN CAL	136	0	0	0	0	0	0	0	0	0	136	0	0
COLORADO, TOTAL	64	0	1	0	0	0	0	0	0	0	63	0	0
COLORADO STATE UNIV	43	0	0	0	0	0	0	0	0	0	43	0	0
UNIV OF COLORADO	21	0	1	0	0	0	0	0	0	0	20	0	0
CONNECTICUT, TOTAL	1,485	0	108	0	0	0	0	1,279	0	0	99	0	0
UNIV OF CONNECTICUT	15	0	0	0	0	0	0	0	0	0	15	0	0
YALE UNIV	1,470	0	108	0	0	0	0	1,279	0	0	83	0	0
DELAWARE, TOTAL	15	0	0	0	0	0	0	0	0	0	15	0	0
UNIV OF DELAWARE	15	0	0	0	0	0	0	0	0	0	15	0	0
DIST. OF COLUMBIA, TOTAL	30	0	0	0	0	0	0	0	0	0	30	0	0
GEORGETOWN UNIV	30	0	0	0	0	0	0	0	0	0	30	0	0
FLORIDA, TOTAL	697	0	0	0	0	0	0	520	0	0	177	0	0
FLORIDA STATE UNIV	13	0	0	0	0	0	0	0	0	0	13	0	0
UNIV OF MIAMI	164	0	0	0	0	0	0	0	0	0	164	0	0
UNIV OF SOUTH FLORIDA	520	0	0	0	0	0	0	520	0	0	0	0	0
GEORGIA, TOTAL	42	0	4	0	0	0	0	0	0	0	38	0	0
GEORGIA INST OF TECH	42	0	4	0	0	0	0	0	0	0	38	0	0
HAWAII, TOTAL	279	0	8	0	0	0	0	0	0	125	146	0	0
UNIV OF HAWAII	279	0	8	0	0	0	0	0	0	125	146	0	0
ILLINOIS, TOTAL	1,247	0	382	0	0	0	0	0	0	402	463	0	0
ILLINOIS INST OF TECH	23	0	0	0	0	0	0	0	0	0	23	0	0
NORTHWESTERN UNIV	73	0	0	0	0	0	0	0	0	0	73	0	0
UNIV OF CHICAGO	318	0	228	0	0	0	0	0	0	0	290	0	0
UNIV OF ILLINOIS-URBANA	633	0	154	0	0	0	0	0	0	402	77	0	0
INDIANA, TOTAL	423	0	120	0	0	0	0	0	0	0	303	0	0
INDIANA UNIV-BLOOMINGTON	176	0	0	0	0	0	0	0	0	0	176	0	0
PURDUE UNIV	132	0	17	0	0	0	0	0	0	0	115	0	0
UNIV OF NOTRE DAME	115	0	103	0	0	0	0	0	0	0	12	0	0
KANSAS, TOTAL	215	0	145	0	0	0	0	0	0	0	70	0	0
KANSAS STATE UNIV	203	0	145	0	0	0	0	0	0	0	58	0	0
UNIV OF KANSAS	12	0	0	0	0	0	0	0	0	0	12	0	0

TABLE B-30
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR
R&D PLANT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DDC	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
KENTUCKY, TOTAL	9	0	0	0	0	0	0	0	0	0	9	0	0
UNIV OF KENTUCKY	9	0	0	0	0	0	0	0	0	0	9	0	0
MARYLAND, TOTAL	162	0	42	0	0	0	0	0	0	0	120	0	0
JOHNS HOPKINS UNIV	120	0	0	0	0	0	0	0	0	0	120	0	0
UNIV OF MD COLLEGE PARK	42	0	42	0	0	0	0	0	0	0	0	0	0
MASSACHUSETTS, TOTAL	4,142	0	876	0	0	0	0	0	0	0	3,266	0	0
HARVARD UNIV	216	0	96	0	0	0	0	0	0	0	140	0	0
MASS INST OF TECH	130	0	780	0	0	0	0	0	0	0	50	0	0
MT HOLYOKE COL	15	0	0	0	0	0	0	0	0	0	15	0	0
WOODS HOLE OCEAN INST	3,049	0	0	0	0	0	0	0	0	0	3,049	0	0
WORCESTER POLYTECH INST	12	0	0	0	0	0	0	0	0	0	12	0	0
MICHIGAN, TOTAL	232	0	132	0	0	0	0	0	0	0	70	0	0
MICHIGAN STATE UNIV	132	0	91	0	0	0	0	0	0	0	41	0	0
UNIV OF MICHIGAN	70	0	41	0	0	0	0	0	0	0	29	0	0
MINNESOTA, TOTAL	60	0	0	0	0	0	0	0	0	0	60	0	0
UNIV OF MINNESOTA	60	0	0	0	0	0	0	0	0	0	60	0	0
MISSISSIPPI, TOTAL	53	0	0	0	0	0	0	0	0	0	53	0	0
MISSISSIPPI STATE UNIV	30	0	0	0	0	0	0	0	0	0	30	0	0
UNIV OF MISSISSIPPI	23	0	0	0	0	0	0	0	0	0	23	0	0
MISSOURI, TOTAL	105	0	0	0	0	0	0	0	0	0	105	0	0
ST LOUIS UNIV	10	0	0	0	0	0	0	0	0	0	10	0	0
UNIV OF MISSOURI COLUMBIA	95	0	0	0	0	0	0	0	0	0	95	0	0
NEBRASKA, TOTAL	14	0	0	0	0	0	0	0	0	0	14	0	0
UNIV OF NEBRASKA-LINCOLN	14	0	0	0	0	0	0	0	0	0	14	0	0
NEW HAMPSHIRE, TOTAL	28	0	0	0	0	0	0	0	0	0	28	0	0
DARTMOUTH COL	28	0	0	0	0	0	0	0	0	0	28	0	0
NEW JERSEY, TOTAL	302	0	157	0	0	0	0	0	0	22	123	0	0
PRINCETON UNIV	244	0	157	0	0	0	0	0	0	22	65	0	0
RUTGERS UNIVERSITY	50	0	0	0	0	0	0	0	0	0	50	0	0
STEVENS INST OF TECH	8	0	0	0	0	0	0	0	0	0	8	0	0
NEW MEXICO, TOTAL	3,375	0	0	0	0	0	0	3,375	0	0	0	0	0
UNIV OF NEW MEXICO	3,375	0	0	0	0	0	0	3,375	0	0	0	0	0
NEW YORK, TOTAL	3,392	0	486	0	0	0	0	2,259	0	0	647	0	0
COLUMBIA UNIV	482	0	97	0	0	0	0	0	0	0	385	0	0
CORNELL UNIV	30	0	0	0	0	0	0	0	0	0	30	0	0
CUNY HUNTER COL	28	0	0	0	0	0	0	0	0	0	28	0	0
NEW YORK UNIV	1,787	0	28	0	0	0	0	1,759	0	0	0	0	0
RENSSELAER POLYTECH INST	168	0	113	0	0	0	0	0	0	0	55	0	0
ROCKEFELLER UNIV	560	0	0	0	0	0	0	500	0	0	60	0	0
SYRACUSE UNIV	69	0	0	0	0	0	0	0	0	0	69	0	0
UNIV OF ROCHESTER	268	0	248	0	0	0	0	0	0	0	20	0	0
NORTH CAROLINA, TOTAL	5,682	0	19	0	0	0	0	5,437	0	0	226	0	0
DUKE UNIV	5,599	0	19	0	0	0	0	5,437	0	0	143	0	0
N C STATE UNIV AT RALEIGH	44	0	0	0	0	0	0	0	0	0	44	0	0
UNIV OF N C AT CHAP HILL	39	0	0	0	0	0	0	0	0	0	39	0	0
OHIO, TOTAL	615	0	179	0	0	0	0	291	0	0	145	0	0
CASE WESTERN RESERVE UNIV	22	0	0	0	0	0	0	0	0	0	22	0	0
OHIO STATE UNIV	390	0	17	0	0	0	0	291	0	0	82	0	0
OHIO UNIV	162	0	162	0	0	0	0	0	0	0	0	0	0
UNIV OF CINCINNATI	41	0	0	0	0	0	0	0	0	0	41	0	0

TABLE B-30
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR
R&D PLANT, BY STATE, INSTITUTION, AND AGENCY, FY 1972
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DDC	OEO	EPA	HEW	IVT	NASA	NSF	DOT	OTHER*
OKLAHOMA, TOTAL	32	0	0	0	0	0	0	0	0	0	32	0	0
OKLAHOMA STATE UNIV	32	0	0	0	0	0	0	0	0	0	32	0	0
OREGON, TOTAL	122	0	2	0	0	0	0	0	0	0	120	0	0
OREGON STATE UNIV	120	0	0	0	0	0	0	0	0	0	120	0	0
UNIV OF OREGON - EUGENE	2	0	2	0	0	0	0	0	0	0	0	0	0
PENNSYLVANIA, TOTAL	354	0	124	0	0	0	0	0	0	0	236	0	0
CARNEGIE MELLON UNIV	46	0	0	0	0	0	0	0	0	0	46	0	0
FRANKLIN AND MARSHALL COL	4	0	0	0	0	0	0	0	0	0	4	0	0
PENNSYLVANIA STATE UNIV	186	0	0	0	0	0	0	0	0	0	186	0	0
UNIV OF PENNSYLVANIA	124	0	124	0	0	0	0	0	0	0	0	0	0
RHODE ISLAND, TOTAL	47	0	0	0	0	0	0	0	0	0	47	0	0
UNIV OF RHODE ISLAND	47	0	0	0	0	0	0	0	0	0	47	0	0
SOUTH CAROLINA, TOTAL	49	0	0	0	0	0	0	0	0	0	49	0	0
FURMAN UNIV	17	0	0	0	0	0	0	0	0	0	17	0	0
UNIV OF SOUTH CAROLINA	32	0	0	0	0	0	0	0	0	0	32	0	0
TENNESSEE, TOTAL	126	0	86	0	0	0	0	0	0	0	40	0	0
GEORGE PEABODY COL TCHRS	33	0	0	0	0	0	0	0	0	0	33	0	0
MEMPHIS STATE UNIV	7	0	0	0	0	0	0	0	0	0	7	0	0
UNIV OF TENN AT KNOXVILLE	69	0	69	0	0	0	0	0	0	0	0	0	0
VANDERBILT UNIV	17	0	17	0	0	0	0	0	0	0	0	0	0
TEXAS, TOTAL	4,945	0	272	0	0	0	0	4,582	0	0	91	0	0
RICE UNIV	156	0	126	0	0	0	0	0	0	0	30	0	0
TEXAS A & M UNIV	207	0	146	0	0	0	0	0	0	0	61	0	0
U TEX MD ANDRSN HOSPITAL	4,582	0	0	0	0	0	0	4,582	0	0	0	0	0
UTAH, TOTAL	318	0	217	0	0	0	0	0	0	0	101	0	0
UNIV OF UTAH	297	0	217	0	0	0	0	0	0	0	70	0	0
UTAH STATE UNIV	31	0	0	0	0	0	0	0	0	0	31	0	0
VIRGINIA, TOTAL	87	0	0	0	0	0	0	68	0	2	17	0	0
UNIV OF VIRGINIA	87	0	0	0	0	0	0	68	0	2	17	0	0
WASHINGTON, TOTAL	298	0	36	0	0	0	0	89	0	0	173	0	0
UNIV OF WASHINGTON	273	0	21	0	0	0	0	89	0	0	163	0	0
WASHINGTON STATE UNIV	25	0	15	0	0	0	0	0	0	0	10	0	0
WEST VIRGINIA, TOTAL	14	0	0	0	0	0	0	0	0	0	14	0	0
WEST VIRGINIA UNIV	14	0	0	0	0	0	0	0	0	0	14	0	0
WISCONSIN, TOTAL	174	0	9	0	0	0	0	0	0	0	165	0	0
MARQUETTE UNIV	23	0	0	0	0	0	0	0	0	0	23	0	0
UNIV OF WIS-MADISON	151	0	9	0	0	0	0	0	0	0	142	0	0
WYOMING, TOTAL	8	0	0	0	0	0	0	0	0	0	8	0	0
UNIV OF WYOMING	8	0	0	0	0	0	0	0	0	0	8	0	0
PUERTO RICO, TOTAL	87	0	87	0	0	0	0	0	0	0	0	0	0
UNIV OF P R CEN SYS	87	0	87	0	0	0	0	0	0	0	0	0	0

* INCLUDES AID, HUD, AND LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION