

NSF Survey of R&D Expenditures at Universities and Colleges

Item 1

Last Modified: 03/24/2008

Item 1. How much of your current fund expenditures for separately budgeted research and development in the sciences and engineering (including indirect costs) came from the following sources in FY 2007?

| Item 1. Expenditures by Source of Funds, Fiscal Year 2007 | | (1) Total (Dollars in thousands) | (2) What Percentage of Federal & Total Funds Are Basic Research? | (3) Calculated Basic Research Funds (Dollars in thousands) (Col. 1 x Col. 2) <i>(Read-Only)</i> |
|--|------|--|--|--|
| Source of Funds | Line | | | |
| a. Federal Government | 1110 | 41,330 | 90 % \$ | 37,197 |
| b. State and local governments | 1125 | 5,289 | | |
| c. Industry | 1150 | 4,270 | | |
| d. Institution funds (sum of Row d(1) and Row d(2)) | 1160 | 29,320 | | |
| (1) Institutionally financed organized research (confidential)** | 1161 | 20,468 | | |
| (2) Unreimbursed indirect costs and related sponsored research (confidential)** | 1162 | 8,852 | | |
| e. All other sources | 1175 | 8,490 | | <i>(Read-Only)</i> |
| f. TOTAL (sum of a through e) | 1100 | 88,699 | 80 % \$ | 70,959 |

** Row d(1) and Row d(2) are Confidential

Information received from individual institutions in Row d(1) and Row d(2), or estimates for basic research expenditures, will NOT be published or released; only aggregate totals will appear in tabulations.

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Item 1A

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Item 1A. How much of your total (item 1, line f) and Federal (item 1, line a) R&D expenditures were passed through by your institution to subrecipients? (If all information is not available, report those amounts that are available. Exclude vendor relationships.)

Item 1A. Passed Through Funds, Fiscal Year 2007

| Subrecipients | Line | (Dollars in thousands) | |
|-----------------------------------|------|------------------------|-------------|
| | | (1) Total | (2) Federal |
| To higher education subrecipients | 1910 | 1,546 | 1,028 |
| To other subrecipients | 1920 | 10,708 | 10,428 |
| To all subrecipients | 1900 | 12,254 | 11,456 |

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Item 1B

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Item 1B. How much of your total (item 1, line f) and Federal (item 1, line a) R&D expenditures did your institution receive as a subrecipient? (If all information is not available, report those amounts that are available. Exclude vendor relationships.)

Item 1B. Funds Received as a Subrecipient, Fiscal Year 2007

| Your Institution as a Subrecipient | Line | (Dollars in thousands) | |
|---|------|------------------------|-------------|
| | | (1) Total | (2) Federal |
| From higher education pass-through entities | 1610 | 2,088 | 1,995 |
| From other pass-through entities | 1620 | 17,869 | 17,646 |
| From all pass-through entities | 1600 | 19,957 | 19,641 |

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Item 2

Last Modified: 02/28/2008

Item 2. Allocate your FY 2007 current fund expenditures (total and federally financed) for separately budgeted research and development (including indirect costs) by field of science and engineering.

Please note that total R&D expenditures in line j, column (1) should be the same as reported in Item 1, line f.

Total Federal R&D expenditures in line j, column (2) should be the same as reported in Item 1, line a.

Please EXCLUDE from your response any R&D expenditures in the fields of education, law, humanities, music, the arts, physical education, library science, and all other non-science and engineering fields. These non-science and engineering R&D expenditures are reported in Item 2A.

Item 2. Current Fund Expenditures, Fiscal Year 2007

(Dollars in thousands)

| Field of Science & Engineering | Line | (1) Total | (2) Federal |
|---|------|-----------|-------------|
| a. Engineering (Total) | 1410 | 50,986 | 23,650 |
| (1) Aeronautical & astronautical | 1411 | 0 | 0 |
| (2) Bioengineering/biomedical engineering | 1418 | 3,856 | 1,778 |
| (3) Chemical | 1412 | 7,837 | 4,246 |
| (4) Civil | 1413 | 6,013 | 640 |
| (5) Electrical | 1414 | 4,759 | 2,005 |
| (6) Mechanical | 1415 | 1,941 | 815 |
| (7) Metallurgical & materials | 1417 | 138 | 0 |
| (8) Other | 1416 | 26,442 | 14,166 |
| b. Physical Sciences (Total) | 1420 | 13,941 | 10,143 |
| (1) Astronomy | 1421 | 0 | 0 |
| (2) Chemistry | 1422 | 5,375 | 4,528 |
| (3) Physics | 1423 | 8,566 | 5,615 |
| (4) Other | 1424 | 0 | 0 |
| c. Environmental Sciences (Total) | 1430 | 0 | 0 |
| (1) Atmospheric | 1431 | 0 | 0 |
| (2) Earth sciences | 1432 | 0 | 0 |
| (3) Oceanography | 1433 | 0 | 0 |
| (4) Other | 1434 | 0 | 0 |
| d. Mathematical Sciences (Total) | 1441 | 4,006 | 2,051 |

| | | | |
|--|------|--------|--------|
| e. Computer Sciences (Total) | 1442 | 6,045 | 2,053 |
| f. Life Sciences (Total) | 1450 | 0 | 0 |
| (1) Agricultural | 1451 | 0 | 0 |
| (2) Biological | 1452 | 0 | 0 |
| (3) Medical | 1453 | 0 | 0 |
| (4) Other | 1454 | 0 | 0 |
| g. Psychology (Total) | 1460 | 0 | 0 |
| h. Social Sciences (Total) | 1470 | 1,308 | 274 |
| (1) Economics | 1471 | 0 | 0 |
| (2) Political science | 1472 | 0 | 0 |
| (3) Sociology | 1473 | 0 | 0 |
| (4) Other | 1474 | 1,308 | 274 |
| i. Other Sciences, not elsewhere classified (Total) | 1480 | 12,413 | 3,159 |
| j. Total (sum of a through i) | 1400 | 88,699 | 41,330 |

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Item 3

Last Modified: 03/17/2008

Item 3. Allocate the portion of your FY 2007 current fund expenditures (total and federally financed) for separately budgeted research and development that went for the purchase of research equipment by field of science and engineering.

Current fund expenditures in each field for scientific research equipment is that PORTION or SUBTOTAL of the amounts reported in the corresponding cells of the "Total" and "Federal" columns in item 2.

Item 3. Equipment Expenditures, Fiscal Year 2007

Subtotal of Current Fund Expenditures in Item 2

(Dollars in thousands)

| Field of Science & Engineering | Line | (1) Total | (2) Federal |
|---|------|-----------|-------------|
| a. Engineering (Total) | 1810 | 0 | 0 |
| (1) Aeronautical & astronautical | 1811 | 0 | 0 |
| (2) Bioengineering/biomedical engineering | 1818 | 0 | 0 |
| (3) Chemical | 1812 | 0 | 0 |
| (4) Civil | 1813 | 0 | 0 |
| (5) Electrical | 1814 | 0 | 0 |
| (6) Mechanical | 1815 | 0 | 0 |
| (7) Metallurgical & materials | 1817 | 0 | 0 |
| (8) Other | 1816 | 0 | 0 |
| b. Physical Sciences (Total) | 1820 | 0 | 0 |
| (1) Astronomy | 1821 | 0 | 0 |
| (2) Chemistry | 1822 | 0 | 0 |
| (3) Physics | 1823 | 0 | 0 |
| (4) Other | 1824 | 0 | 0 |
| c. Environmental Sciences (Total) | 1830 | 0 | 0 |
| (1) Atmospheric | 1831 | 0 | 0 |
| (2) Earth sciences | 1832 | 0 | 0 |
| (3) Oceanography | 1833 | 0 | 0 |
| (4) Other | 1834 | 0 | 0 |
| d. Mathematical Sciences (Total) | 1841 | 0 | 0 |
| e. Computer Sciences (Total) | 1842 | 0 | 0 |
| f. Life Sciences (Total) | 1850 | 0 | 0 |
| (1) Agricultural | 1851 | 0 | 0 |
| (2) Biological | 1852 | 0 | 0 |

| | | | |
|--|------|---|---|
| (3) Medical | 1853 | 0 | 0 |
| (4) Other | 1854 | 0 | 0 |
| g. Psychology (Total) | 1860 | 0 | 0 |
| h. Social Sciences (Total) | 1870 | 0 | 0 |
| (1) Economics | 1871 | 0 | 0 |
| (2) Political science | 1872 | 0 | 0 |
| (3) Sociology | 1873 | 0 | 0 |
| (4) Other | 1874 | 0 | 0 |
| i. Other Sciences, not elsewhere classified (Total) | 1880 | 0 | 0 |
| j. Total (sum of a through i) | 1800 | 0 | 0 |

Current fund expenditures in each field for scientific research equipment is that PORTION or SUBTOTAL of the amounts reported in the corresponding cells of the "Total" and "Federal" columns in Item 2.

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Item 2A

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Item 2A. What were your current fund expenditures (total and federally financed) for separately budgeted research and development (including indirect costs) for non-science and engineering fields in FY 2007?

NOTE: For rows 2A(a) through 2A(i), report only data that have not been reported in Items 1 and 2 on this survey. Non-S&E R&D should include any separately budgeted scholarly and creative activity, but should exclude training.

Item 2A. Non-S&E Current Fund Expenditures, Fiscal Year 2007

(Dollars in thousands)

| Non-Science & Engineering Fields | Line | (1) Total | (2) Federal |
|---|------|-----------|-------------|
| a. Education | 1510 | 0 | 0 |
| b. Law | 1520 | 0 | 0 |
| c. Humanities | 1530 | 0 | 0 |
| d. Visual & Performing Arts | 1540 | 0 | 0 |
| e. Business and Management | 1550 | 0 | 0 |
| f. Communications, Journalism, and Library Science | 1560 | 0 | 0 |
| g. Social Work | 1570 | 0 | 0 |
| h. Other Non-S&E Fields (please specify) | 1580 | 0 | 0 |
| <input type="text"/> | | | |
| i. Total, Non-S&E Fields (sum of a through h) | 1500 | 0 | 0 |
| j. Total, S&E (from Item 2, line j) | 1400 | 88,699 | 41,330 |
| k. Grand Total (sum of i and j) | 2000 | 88,699 | 41,330 |