

Appendix table 5-15

Expenditures of current funds for research equipment at academic institutions as percentage of total academic R&D expenditures, by field: Selected years, 1983–2003

(Percent)

Field	1983	1986	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
All fields.....	5.7	7.2	6.2	5.8	5.5	5.2	5.3	5.6	5.3	5.3	5.0	4.8	4.8	4.6	4.7	4.5
Science	5.5	6.9	5.8	5.4	5.1	4.9	4.8	5.2	4.8	4.8	4.6	4.5	4.4	4.2	4.3	4.2
Physical sciences	9.0	12.7	10.6	9.8	9.6	9.7	9.5	10.6	10.4	10.3	10.2	9.5	9.2	8.6	9.1	9.1
Astronomy.....	5.7	5.7	7.8	6.8	5.9	6.5	7.5	7.4	7.7	9.2	8.4	7.5	6.4	3.9	4.8	4.9
Chemistry.....	9.7	12.5	11.3	10.3	10.0	10.1	10.3	10.5	11.0	10.9	10.4	11.1	10.7	10.0	10.7	9.7
Physics.....	8.8	14.2	10.8	10.0	10.2	9.5	9.4	11.6	10.6	10.2	11.3	9.2	9.1	9.1	9.4	9.7
Other.....	10.1	10.5	9.5	10.2	10.4	13.6	10.0	11.3	10.1	9.3	6.9	7.4	7.9	7.2	6.3	8.5
Mathematics.....	3.5	4.5	4.6	4.6	4.2	5.6	5.3	5.2	4.6	5.3	4.6	3.7	2.9	3.2	2.6	1.7
Computer sciences.....	10.7	13.3	9.3	10.6	8.1	8.8	9.1	11.2	9.7	10.1	8.5	7.3	6.4	6.8	9.0	7.6
Earth, atmospheric, and ocean sciences.....	5.0	6.6	6.8	6.3	6.3	5.9	6.0	5.8	5.9	6.1	6.2	5.9	5.6	4.8	6.5	5.4
Atmospheric sciences.....	5.3	8.3	6.6	5.9	5.7	6.9	5.7	6.6	6.0	6.1	5.4	5.0	4.2	4.1	4.2	4.4
Earth sciences.....	5.3	6.5	7.7	7.5	7.3	6.5	6.6	5.9	7.0	7.8	7.3	6.4	6.6	5.3	5.1	5.8
Ocean sciences.....	5.1	6.4	5.3	4.9	6.5	5.3	6.0	5.8	5.5	5.7	6.0	6.2	5.3	5.1	10.2	6.5
Other.....	3.8	5.6	8.1	7.0	4.4	4.9	5.2	5.0	4.9	4.2	5.7	5.2	5.9	3.8	3.4	3.1
Life sciences.....	4.9	5.6	4.8	4.4	4.2	3.9	3.8	3.8	3.5	3.5	3.4	3.6	3.6	3.6	3.4	3.4
Agricultural sciences.....	4.4	5.3	4.0	3.6	3.9	3.4	4.1	3.5	3.3	3.5	3.8	3.5	3.5	3.5	2.9	2.9
Biological sciences.....	5.2	6.2	6.0	5.5	5.3	4.8	4.7	5.0	4.6	4.7	4.2	4.8	4.8	4.8	4.5	4.5
Medical sciences.....	4.8	5.3	4.3	3.7	3.5	3.3	3.1	3.1	2.9	2.9	2.8	2.8	2.9	3.0	2.9	2.9
Other.....	5.4	6.1	5.2	5.4	5.0	3.6	3.9	4.8	3.6	2.9	2.9	3.4	3.1	2.7	3.3	3.2
Psychology.....	4.8	5.1	4.2	3.9	3.4	4.4	3.5	3.3	3.2	3.3	3.0	2.5	2.8	2.5	2.8	3.0
Social sciences.....	2.7	3.0	2.1	1.9	2.2	2.1	2.2	2.6	2.3	2.1	2.0	1.4	1.5	1.2	1.1	1.1
Economics.....	2.2	2.7	2.0	2.2	2.3	2.0	2.3	2.9	2.4	2.0	1.5	1.4	1.2	0.8	0.9	0.9
Political science.....	1.6	2.0	1.3	1.6	1.7	1.9	1.8	1.8	1.9	1.9	1.9	1.0	0.7	0.8	0.8	0.8
Sociology.....	1.8	2.3	2.2	1.7	2.1	2.0	1.9	1.9	1.9	1.7	1.6	1.2	1.1	0.9	1.0	0.9
Other.....	4.4	4.3	2.6	1.9	2.4	2.4	2.6	3.1	2.6	2.6	2.5	1.7	2.2	1.6	1.4	1.4
Other sciences.....	6.3	8.8	7.5	7.6	5.8	4.9	6.0	11.9	10.8	9.4	7.2	7.1	9.4	9.3	7.6	7.1
Engineering.....	6.8	8.4	7.8	7.5	7.0	6.5	6.9	7.3	7.3	7.3	6.8	6.2	6.3	6.2	6.1	6.0
Aeronautical/astronautical.....	5.0	8.0	7.7	9.7	5.9	6.2	8.7	6.8	6.9	7.8	7.8	8.3	7.8	6.9	7.0	5.5
Bioengineering/biomedical.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8	6.1	5.6	7.8	7.1	6.4	6.4
Chemical.....	6.3	10.6	8.3	8.2	7.6	7.9	6.7	7.4	7.6	7.4	8.7	7.8	6.9	7.5	7.0	7.0
Civil.....	5.7	6.6	7.1	5.7	4.6	5.0	4.7	5.2	5.7	5.9	4.3	4.4	4.8	4.8	5.9	3.9
Electrical/electronic.....	8.6	9.1	8.8	7.7	8.1	8.0	8.8	8.3	8.5	8.8	7.9	6.9	6.4	6.8	6.1	6.1
Mechanical.....	7.5	8.3	8.3	8.1	6.9	7.2	7.5	8.0	8.2	8.9	9.0	8.1	8.6	7.0	6.9	6.7
Materials.....	NA	NA	9.9	10.9	9.7	7.8	8.0	8.5	9.1	9.3	7.4	7.4	7.5	10.9	8.7	11.2
Other.....	6.9	9.4	7.7	7.8	7.4	6.2	7.3	8.4	7.3	7.1	6.7	5.9	6.1	5.0	6.2	6.1

NA = not available

SOURCES: National Science Foundation, Division of Science Resources Statistics, *Academic Research and Development Expenditures: Fiscal Year 2003* (forthcoming); and Integrated Science and Engineering Resources Data System (WebCASPAR), <http://webcaspar.nsf.gov>.

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