

Appendix table 5-16

Expenditures of current funds for research equipment at academic institutions as percentage of total academic R&D expenditures, by field: Selected years, 1983–2001

(Percent)

Field	1983	1985	1987	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
All fields	5.7	6.9	6.9	6.6	6.2	5.8	5.5	5.2	5.3	5.6	5.3	5.3	5.0	4.8	4.7	4.6
Sciences	5.5	6.6	6.4	6.2	5.8	5.4	5.1	4.9	4.8	5.2	4.8	4.8	4.6	4.4	4.4	4.2
Physical sciences	9.0	12.4	11.9	11.0	10.6	9.8	9.6	9.7	9.5	10.6	10.3	10.3	10.2	9.5	9.2	8.6
Astronomy	5.7	7.3	6.0	7.3	7.8	6.8	5.9	6.5	7.5	7.4	7.7	9.2	8.3	7.5	6.4	3.9
Chemistry	9.7	12.8	12.8	12.5	11.3	10.3	10.0	10.1	10.3	10.5	10.9	10.9	10.4	11.1	10.7	9.9
Physics	8.8	12.9	12.1	10.6	10.8	10.0	10.2	9.5	9.4	11.6	10.6	10.2	11.3	9.3	9.1	9.1
Other	10.1	12.0	11.8	10.4	9.5	10.2	10.4	13.6	10.0	11.3	10.1	9.3	6.9	7.4	7.9	7.1
Mathematics	3.5	4.7	5.5	4.8	4.6	4.6	4.2	5.6	5.3	5.2	4.6	5.3	4.6	3.7	3.0	3.3
Computer sciences	10.7	12.6	11.5	9.1	9.3	10.6	8.1	8.8	9.1	11.2	9.7	10.1	8.5	7.3	6.4	6.8
Earth, atmospheric, and ocean sciences....	5.0	6.8	6.6	6.7	6.8	6.3	6.3	5.9	6.0	5.8	5.9	6.1	6.3	5.9	5.7	4.9
Atmospheric sciences	5.3	7.7	8.5	7.6	6.6	5.9	5.7	6.9	5.7	6.6	6.0	6.1	5.4	5.1	4.4	4.4
Earth sciences	5.3	7.2	7.2	7.9	7.7	7.5	7.3	6.5	6.6	5.9	7.0	7.8	7.3	6.3	6.6	5.3
Ocean sciences	5.1	6.3	5.6	5.0	5.3	4.9	6.5	5.3	6.0	5.8	5.5	5.7	6.0	6.2	5.4	5.2
Other	3.8	6.0	5.7	7.3	8.1	7.0	4.4	4.9	5.2	5.0	4.9	4.2	5.7	5.2	5.9	3.8
Life sciences	4.9	5.4	5.1	5.3	4.8	4.4	4.2	3.9	3.8	3.8	3.5	3.5	3.4	3.5	3.5	3.5
Agricultural sciences	4.4	5.2	4.4	4.6	4.0	3.6	3.9	3.4	4.1	3.5	3.3	3.5	3.8	3.5	3.5	3.5
Biological sciences	5.2	5.9	6.1	6.6	6.0	5.5	5.3	4.8	4.7	5.0	4.6	4.7	4.2	4.8	4.8	4.8
Medical sciences	4.8	4.9	4.7	4.6	4.3	3.7	3.5	3.3	3.1	3.1	2.9	2.9	2.8	2.7	2.8	2.8
Other	5.4	6.5	5.5	6.3	5.2	5.4	5.0	3.6	3.9	4.8	3.6	2.9	2.9	3.4	3.1	2.7
Psychology	4.8	5.5	5.6	4.6	4.2	3.9	3.4	4.4	3.5	3.3	3.2	3.3	3.0	2.5	2.8	2.4
Social sciences	2.7	2.6	2.3	2.3	2.1	1.9	2.2	2.1	2.2	2.6	2.3	2.1	2.0	1.4	1.5	1.2
Economics	2.2	2.3	1.9	2.2	2.0	2.2	2.3	2.0	2.3	2.9	2.4	2.0	1.5	1.5	1.2	0.9
Political science	1.6	2.0	1.6	1.6	1.3	1.6	1.7	1.9	1.8	1.8	1.9	1.9	1.9	1.0	0.7	0.8
Sociology	1.8	2.6	2.2	2.5	2.2	1.7	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.2	1.1	0.9
Other	4.4	3.2	3.1	2.6	2.6	1.9	2.4	2.4	2.6	3.1	2.6	2.6	2.5	1.7	2.2	1.6
Other sciences	6.3	7.9	10.5	8.3	7.5	7.6	5.8	4.9	6.0	11.9	10.8	9.4	7.3	7.1	9.5	9.5
Engineering	7.1	8.8	9.4	8.4	8.3	8.1	7.4	6.9	7.5	7.7	7.7	7.8	7.3	6.7	6.7	6.7
Aeronautical/astronautical	5.0	8.2	7.9	7.5	7.7	9.7	5.9	6.2	8.7	6.8	6.9	7.8	7.8	8.4	7.9	7.0
Bioengineering/biomedical	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8	6.1	5.6	7.9	7.1
Chemical	6.3	9.8	9.9	10.0	8.3	8.2	7.6	7.9	6.7	7.4	7.6	7.4	8.7	7.8	6.9	7.5
Civil	5.7	6.8	6.1	6.4	7.1	5.7	4.6	5.0	4.7	5.2	5.7	5.9	4.3	4.4	4.8	4.8
Electrical/electronic	8.6	9.7	9.7	8.2	8.8	7.7	8.1	8.0	8.8	8.3	8.5	8.8	7.9	6.9	6.4	6.8
Mechanical	7.5	8.4	9.2	8.5	8.3	8.1	6.9	7.2	7.5	8.0	8.2	8.9	9.0	8.1	8.7	7.1
Materials	NA	NA	NA	NA	9.9	10.9	9.7	7.8	8.0	8.5	9.1	9.3	7.4	7.4	7.6	10.9
Other	6.9	8.8	10.4	9.0	7.7	7.8	7.4	6.2	7.3	8.4	7.3	7.1	6.7	5.9	6.1	5.1

NA not available

SOURCES: National Science Foundation, Division of Science Resources Statistics (NSF/SRS), *Academic Research and Development Expenditures: Fiscal Year 2001*, NSF 03-316 (Arlington, VA, 2003); and NSF/SRS, WebCASPAR database system, <http://caspar.nsf.gov>.

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