

Appendix table 5-10

Federal agencies' academic research obligations, by field: FY 2001

(Percent distribution)

Field	Department of Health and Human Services	National Science Foundation	Department of Defense	National Aeronautics and Space Administration	Department of Energy	Department of Agriculture
All fields	100.0	100.0	100.0	100.0	100.0	100.0
Sciences.....	99.1	81.9	64.8	85.1	89.4	95.7
Physical sciences	1.7	18.7	8.1	37.5	56.0	4.4
Astronomy.....	0.0	2.1	0.0	26.6	0.0	0.0
Chemistry	1.5	6.1	3.1	1.2	9.4	4.4
Physics	0.0	6.6	4.4	6.1	41.6	0.0
Other.....	0.2	3.9	0.7	3.6	5.0	0.0
Mathematics	0.2	4.2	1.5	0.1	2.1	0.1
Computer sciences.....	0.0	17.3	17.1	4.1	1.7	0.0
Earth, atmospheric, and ocean sciences	1.5	14.6	6.2	21.3	12.5	0.5
Atmospheric sciences	0.0	3.2	0.8	8.1	3.7	0.5
Earth sciences.....	0.0	4.2	0.4	1.4	4.0	0.0
Oceanography.....	0.0	6.6	4.6	1.6	0.5	0.0
Other.....	1.5	0.6	0.3	10.2	4.4	0.0
Life sciences	89.9	15.9	31.0	6.6	17.1	80.4
Agricultural sciences	0.0	0.0	0.0	0.1	0.0	44.1
Biological sciences (excluding environmental)	78.9	12.0	5.1	2.5	9.6	18.1
Environmental biology	0.0	3.9	0.5	0.6	0.0	16.7
Medical sciences.....	9.6	0.0	23.4	1.0	7.6	1.6
Other.....	1.4	0.0	2.0	2.4	0.0	0.0
Psychology	2.8	0.2	0.7	0.5	0.0	0.0
Biological aspects	0.0	0.0	0.6	0.1	0.0	0.0
Social aspects.....	0.0	0.2	0.0	0.2	0.0	0.0
Other.....	2.8	0.0	0.0	0.3	0.0	0.0
Social sciences	0.9	4.1	0.0	0.0	0.0	10.4
Anthropology.....	0.0	0.5	0.0	0.0	0.0	0.0
Economics	0.0	0.7	0.0	0.0	0.0	8.5
Political science	0.0	0.3	0.0	0.0	0.0	0.0
Sociology	0.0	0.2	0.0	0.0	0.0	1.9
Other.....	0.9	2.5	0.0	0.0	0.0	0.0
Other sciences	2.0	6.8	0.3	14.9	0.0	0.0
Engineering	0.9	18.1	35.2	14.9	10.6	4.3
Aeronautical	0.0	0.0	2.0	3.9	0.0	0.0
Astronautical	0.0	0.0	0.2	2.6	0.0	0.0
Chemical.....	0.0	1.9	0.4	0.3	2.1	0.0
Civil.....	0.0	1.7	0.2	0.0	0.7	0.0
Electrical	0.0	2.2	9.9	1.4	0.4	0.0
Mechanical.....	0.0	0.2	4.4	1.1	1.6	0.0
Materials.....	0.3	4.9	8.6	2.0	2.2	0.0
Other.....	0.6	7.1	9.5	3.6	3.6	4.2

NOTES: Academic research includes both basic and applied research. The agencies shown are the only ones that report research obligations to academia by S&E field; they represent approximately 97 percent of academic research obligations. Percents may not sum to 100 because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, *Federal Funds for Research and Development: Fiscal Years 2001, 2002, and 2003* (Arlington, VA, forthcoming).