

Appendix table 5-11

Federal academic research obligations provided by major agencies, by field: FY 2001

(Percent distribution)

Field	All agencies	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	65.0	13.8	9.4	4.5	3.8	3.5
Sciences	100.0	69.7	12.2	6.6	4.1	3.7	3.7
Physical sciences	100.0	13.1	30.6	9.1	20.0	25.5	1.8
Astronomy.....	100.0	0.0	19.5	0.0	80.5	0.0	0.0
Chemistry	100.0	36.6	31.4	10.7	2.0	13.5	5.7
Physics	100.0	0.0	28.4	12.8	8.6	50.2	0.0
Other.....	100.0	10.7	50.2	6.2	15.2	17.8	0.0
Mathematics	100.0	16.0	60.4	14.4	0.6	8.4	0.2
Computer sciences.....	100.0	0.0	56.3	37.8	4.3	1.5	0.0
Earth, atmospheric, and ocean sciences.....	100.0	19.8	39.9	11.5	18.9	9.5	0.3
Atmospheric sciences	100.0	0.0	42.6	7.5	34.8	13.4	1.6
Earth sciences.....	100.0	0.2	69.0	4.8	7.7	18.3	0.0
Ocean sciences.....	100.0	0.0	63.5	30.3	4.9	1.2	0.0
Other.....	100.0	57.6	4.8	1.6	26.4	9.7	0.0
Life sciences	100.0	86.8	3.3	4.3	0.4	1.0	4.2
Agricultural sciences	100.0	0.0	0.0	0.2	0.4	0.0	99.4
Biological sciences (excluding environmental)	100.0	94.0	3.0	0.9	0.2	0.7	1.2
Environmental biology	100.0	0.0	44.9	3.7	2.1	0.0	49.3
Medical sciences.....	100.0	70.9	0.0	24.7	0.5	3.3	0.6
Other.....	100.0	75.6	0.0	15.3	9.0	0.0	0.0
Psychology.....	100.0	94.5	1.1	3.1	1.2	0.0	0.0
Biological aspects	100.0	0.0	0.0	93.8	6.2	0.0	0.0
Social aspects.....	100.0	1.4	62.4	10.4	25.8	0.0	0.0
Other.....	100.0	99.4	0.0	0.0	0.6	0.0	0.0
Social sciences	100.0	39.1	36.9	0.0	0.1	0.0	23.9
Anthropology.....	100.0	0.0	99.8	0.1	0.0	0.0	0.2
Economics	100.0	2.8	23.4	0.0	0.0	0.0	73.9
Political science	100.0	0.0	96.7	0.0	3.3	0.0	0.0
Sociology	100.0	2.3	27.2	0.0	0.0	0.0	70.5
Other.....	100.0	62.8	37.1	0.0	0.1	0.0	0.0
Other sciences	100.0	44.5	32.0	0.8	22.6	0.0	0.0
Engineering	100.0	7.5	32.9	43.4	8.8	5.3	2.0
Aeronautical	100.0	0.0	0.0	51.4	48.6	0.0	0.0
Astronautical	100.0	0.0	0.0	13.5	86.5	0.0	0.0
Chemical	100.0	0.0	66.4	9.7	3.3	20.2	0.4
Civil.....	100.0	0.0	85.4	5.1	0.3	9.0	0.2
Electrical	100.0	0.0	23.5	70.5	4.6	1.3	0.0
Mechanical.....	100.0	0.0	5.8	74.1	8.9	11.1	0.1
Materials.....	100.0	11.0	36.2	43.6	4.7	4.5	0.0
Other.....	100.0	13.5	36.7	33.0	6.1	5.1	5.6

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.

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