

Appendix table 5-8

Federal agencies' academic research obligations, by field: FY 2005

(Percent distribution)

Field	DHS	DOD	DOE	HHS	NASA	NSF	USDA
All fields.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Science	78.7	59.9	84.7	97.2	68.7	83.4	97.1
Physical sciences	20.0	10.1	52.8	1.8	30.9	18.6	3.2
Astronomy.....	0.0	0.0	0.0	0.0	19.3	2.2	0.0
Chemistry	8.6	3.3	11.9	1.6	1.4	5.7	3.1
Physics	11.1	5.0	40.9	0.0	8.8	7.0	0.0
Physical sciences nec	0.2	1.8	0.0	0.1	1.4	3.8	0.0
Mathematics	1.4	4.8	2.6	0.6	0.1	6.0	0.1
Computer sciences.....	2.3	15.1	1.8	0.0	1.4	17.7	0.0
Earth, atmospheric, and ocean sciences	0.0	9.3	11.1	1.6	24.7	13.0	1.5
Atmospheric sciences	0.0	1.2	3.7	0.0	15.5	3.4	1.4
Earth sciences.....	0.0	0.7	4.1	0.0	5.3	3.8	0.1
Oceanography.....	0.0	6.6	0.1	0.0	2.0	5.6	0.0
Other.....	0.0	0.8	3.3	1.6	1.9	0.2	0.0
Life sciences	33.4	14.1	16.4	84.2	5.3	15.6	83.3
Agricultural sciences	0.9	0.1	0.0	0.0	0.0	0.0	44.1
Biological sciences (excluding environmental)	31.3	4.4	9.4	43.5	2.7	12.7	21.5
Environmental biology	0.3	0.9	0.0	0.0	0.2	2.9	16.3
Medical sciences.....	1.0	6.7	6.9	34.8	1.7	0.0	1.5
Life sciences nec	0.0	2.0	0.1	5.9	0.6	0.0	0.0
Psychology	1.5	0.7	0.0	6.6	0.3	0.1	0.0
Biological aspects	0.2	0.1	0.0	0.0	0.0	0.0	0.0
Social aspects.....	1.0	0.1	0.0	0.0	0.2	0.1	0.0
Psychology nec	0.3	0.5	0.0	6.6	0.1	0.0	0.0
Social sciences.....	5.5	0.0	0.0	1.2	0.0	4.8	8.9
Anthropology.....	0.0	0.0	0.0	0.0	0.0	0.4	0.0
Economics	0.8	0.0	0.0	0.0	0.0	0.6	6.9
Political science	3.8	0.0	0.0	0.0	0.0	0.3	0.0
Sociology	0.7	0.0	0.0	0.0	0.0	0.1	2.0
Social sciences nec.....	0.2	0.0	0.0	1.2	0.0	3.3	0.0
Other sciences nec.....	14.7	5.8	0.0	1.2	6.0	7.6	0.0
Engineering	21.3	40.1	15.3	2.8	31.3	16.6	2.9
Aeronautical	0.3	3.2	0.0	0.0	19.9	0.0	0.0
Astronautical	0.0	0.5	0.0	0.0	8.0	0.0	0.0
Chemical	0.2	0.4	4.4	0.0	0.1	1.9	0.1
Civil.....	1.3	0.5	0.7	0.0	0.0	1.8	0.0
Electrical	0.2	11.8	1.9	0.0	0.6	2.2	0.0
Mechanical.....	0.3	3.9	0.3	0.0	0.4	0.2	0.0
Materials.....	0.4	8.5	3.1	0.3	0.5	4.1	0.0
Engineering nec	18.6	11.4	5.0	2.5	2.0	6.5	2.8

nec = not elsewhere classified

DHS = Department of Homeland Security; DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = U.S. Department of Agriculture

NOTES: Academic research includes both basic and applied research. Agencies shown are only ones that report research obligations to academia by S&E field and represent approximately 97% of academic research obligations. Detail may not add to total because of rounding.

SOURCE: NSF, Division of Science Resources Statistics, Federal Funds for Research and Development: Fiscal Years 2005, 2006, and 2007 (forthcoming).