

TABLE 65. Federal obligations for research performed at universities and colleges for selected agencies, by detailed field of science and engineering: FYs 2012–14

(Dollars in thousands)

Field	2012	Preliminary	
		2013	2014
All fields	25,722,934.5	25,758,820.7	26,600,130.4
Computer sciences and mathematics	1,390,920.1	1,430,289.9	1,563,543.8
Computer sciences	906,905.1	NA	NA
Mathematics	419,460.0	NA	NA
Other computer sciences and mathematics	64,555.1	NA	NA
Engineering	2,450,466.4	2,399,575.7	2,520,791.2
Aeronautical engineering	197,890.0	NA	NA
Astronautical engineering	47,115.5	NA	NA
Chemical engineering	93,905.5	NA	NA
Civil engineering	50,130.3	NA	NA
Electrical engineering	327,050.8	NA	NA
Mechanical engineering	154,333.8	NA	NA
Metallurgy and materials engineering	356,666.0	NA	NA
Other engineering	1,223,374.6	NA	NA
Environmental sciences	1,087,449.4	1,080,744.0	1,159,487.0
Atmospheric sciences	280,728.7	NA	NA
Geological sciences	203,543.3	NA	NA
Oceanography	328,371.7	NA	NA
Other environmental sciences	274,805.7	NA	NA
Life sciences	16,511,246.3	16,701,022.3	16,882,492.6
Agricultural sciences	203,092.6	NA	NA
Biological sciences (excluding environmental biology)	8,758,691.3	NA	NA
Environmental biology	292,968.5	NA	NA
Medical sciences	5,682,717.2	NA	NA
Other life sciences	1,573,776.6	NA	NA
Physical sciences	1,965,888.2	1,851,309.9	1,993,258.3
Astronomy	230,880.1	NA	NA
Chemistry	579,084.4	NA	NA
Physics	928,421.8	NA	NA
Other physical sciences	227,502.0	NA	NA
Psychology	1,258,315.2	1,273,073.3	1,286,149.4
Biological aspects	12,613.4	NA	NA
Social aspects	12,193.6	NA	NA
Other psychological sciences	1,233,508.2	NA	NA
Social sciences	375,178.8	397,455.1	410,605.4
Anthropology	18,929.8	NA	NA
Economics	64,355.4	NA	NA
Political science	10,093.2	NA	NA
Sociology	36,609.0	NA	NA
Other social sciences	245,191.6	NA	NA
Other sciences nec	683,470.1	625,350.4	783,802.6

NA = not available; data collected for this table were not recorded at that level in that particular fiscal year.

nec = not elsewhere classified.

NOTES: Because of rounding, detail may not add to total. Seven agencies are required to report data for this section of the survey: the Departments of Agriculture, Defense, Energy, Health and Human Services, and Homeland Security; the National Aeronautics and Space Administration; and the National Science Foundation. Research obligations of these seven agencies represented over 97% of total federal research obligations to universities and colleges in FYs 2012–14.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2012–14.