

TABLE 19. Federal obligations for research, by detailed field of science and engineering: FYs 2013–15
(Dollars in thousands)

Field	2013	Preliminary	
		2014	2015
All fields	59,199,761.8	62,663,000.3	62,595,383.6
Computer sciences and mathematics	3,426,984.5	3,776,608.5	3,878,829.3
Computer sciences	2,361,546.1	NA	NA
Mathematics	864,028.3	NA	NA
Other computer sciences and mathematics	201,410.1	NA	NA
Engineering	10,948,232.7	11,496,064.4	11,649,694.9
Aeronautical engineering	1,842,079.1	NA	NA
Astronautical engineering	737,293.9	NA	NA
Chemical engineering	419,014.1	NA	NA
Civil engineering	446,934.1	NA	NA
Electrical engineering	1,163,239.9	NA	NA
Mechanical engineering	548,598.4	NA	NA
Metallurgy and materials engineering	1,729,307.9	NA	NA
Other engineering	4,061,765.2	NA	NA
Environmental sciences	4,040,984.5	4,330,768.8	4,183,144.4
Atmospheric sciences	1,542,422.5	NA	NA
Geological sciences	626,552.5	NA	NA
Oceanography	787,638.1	NA	NA
Other environmental sciences	1,084,371.3	NA	NA
Life sciences	29,329,913.9	30,530,559.6	30,595,472.7
Agricultural sciences	332,723.6	NA	NA
Biological sciences (excluding environmental biology)	15,057,192.7	NA	NA
Environmental biology	711,653.5	NA	NA
Medical sciences	10,620,114.7	NA	NA
Other life sciences	2,608,229.3	NA	NA
Physical sciences	6,281,900.6	6,558,980.9	6,400,437.6
Astronomy	1,146,956.2	NA	NA
Chemistry	982,185.8	NA	NA
Physics	3,481,818.6	NA	NA
Other physical sciences	670,940.0	NA	NA
Psychology	1,935,225.3	1,985,679.7	2,014,220.5
Biological aspects	14,322.8	NA	NA
Social aspects	64,931.7	NA	NA
Other psychological sciences	1,855,970.9	NA	NA
Social sciences	1,237,252.6	1,430,668.1	1,331,716.2
Anthropology	26,346.9	NA	NA
Economics	332,974.4	NA	NA
Political science	10,956.9	NA	NA
Sociology	137,188.8	NA	NA
Other social sciences	729,785.6	NA	NA
Other sciences nec	1,999,267.6	2,553,670.3	2,541,868.0

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

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2013–15.