



APPENDIX TABLE 5-13 

Federal share of current funding for research equipment at academic institutions, by S&E field: FYs 2002–16

(Percent)

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
All S&E fields	59.0	63.3	61.9	62.6	59.6	58.0	56.4	54.4	63.5	63.4	56.8	55.5	45.0	47.2	44.9
Science	59.1	64.0	63.4	64.1	60.2	58.1	56.3	54.1	65.2	65.9	58.3	59.7	49.2	48.6	46.3
Computer and information sciences	73.8	83.3	80.5	79.3	72.5	70.1	78.2	76.3	71.0	73.4	67.6	86.4	68.8	75.1	54.1
Geosciences, atmospheric sciences, and ocean sciences	61.5	73.1	74.3	77.0	73.3	74.3	69.8	65.3	76.7	69.9	70.1	66.2	65.2	65.6	61.7
Atmospheric science and meteorology	75.9	80.5	80.1	88.3	87.7	87.7	84.6	75.0	82.7	79.0	83.6	83.9	79.6	80.9	85.2
Geological and earth sciences	58.2	61.8	67.1	67.6	64.1	64.4	53.6	61.2	68.3	66.4	68.2	63.3	60.2	56.4	49.0
Ocean sciences and marine sciences	61.5	81.2	79.5	79.0	68.4	74.8	74.7	66.6	80.2	66.2	60.4	63.3	66.2	74.0	67.1
Geosciences, atmospheric sciences, and ocean sciences nec	51.5	67.2	73.2	80.4	78.5	61.6	57.4	61.4	82.3	76.4	75.5	60.3	55.2	44.9	43.5
Life sciences	55.5	59.9	60.7	61.7	56.5	53.1	48.6	47.7	62.7	63.2	50.3	46.6	37.4	36.3	36.2
Agricultural sciences	29.8	40.4	39.5	42.5	36.1	30.1	27.4	27.8	30.8	38.5	34.0	31.1	24.0	25.9	23.3
Biological and biomedical sciences	59.5	63.8	63.2	62.5	59.5	56.0	53.7	56.4	70.9	67.8	54.1	52.6	43.0	40.5	41.1
Health sciences	58.3	61.2	62.7	66.4	58.2	53.7	49.6	44.9	61.7	62.9	50.0	44.7	36.9	38.1	35.6
Natural resources and conservation	na	na	na	na	na	na	na	na	na	na	na	na	na	na	35.7
Life sciences nec	45.5	51.3	60.9	47.9	58.1	71.0	56.2	48.5	56.4	66.2	57.2	45.8	28.0	21.7	25.3
Mathematics and statistics	66.6	71.4	72.9	75.4	69.2	74.8	68.7	63.4	66.5	64.7	68.7	68.7	51.1	55.3	50.7
Physical sciences	70.1	73.0	68.1	69.5	67.1	69.4	70.0	63.9	75.6	77.2	75.9	70.3	67.6	66.1	64.7



Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Astronomy and astrophysics	80.6	74.4	79.5	77.3	82.0	83.5	77.6	69.7	78.5	78.3	83.4	76.4	59.3	45.2	55.6
Chemistry	61.8	64.8	66.0	70.9	65.0	64.5	62.5	60.2	69.5	72.7	68.5	58.8	51.3	56.0	54.7
Materials science	na	na	na	na	na	na	na	na	na	na	na	na	na	na	45.2
Physics	76.5	78.7	71.4	73.1	73.0	76.2	78.8	66.1	81.6	81.6	80.9	77.7	79.8	78.0	73.6
Physical sciences nec	72.8	81.3	52.6	39.2	40.1	37.2	47.6	64.4	74.4	69.7	75.8	70.5	60.2	60.9	62.3
Psychology	70.7	74.1	71.7	63.1	68.5	61.1	58.6	60.4	70.6	73.5	69.1	38.7	46.8	57.1	51.3
Social sciences	35.3	42.9	41.1	35.3	34.1	54.5	57.9	66.9	45.8	48.9	46.1	41.5	29.6	25.4	23.3
Anthropology	na	na	na	na	na	na	na	na	na	na	na	na	na	na	43.9
Economics	36.7	56.2	34.5	39.7	29.7	39.9	37.7	22.5	44.9	31.7	49.3	71.4	28.7	7.7	8.4
Political science and government	21.4	51.0	71.8	56.9	54.2	49.2	30.9	41.3	50.9	41.2	46.5	40.7	37.0	24.1	13.0
Sociology, demography, and population studies	43.0	49.0	48.2	37.7	29.1	52.7	58.1	75.2	56.1	56.6	42.6	28.6	25.7	37.9	27.9
Social sciences nec	34.9	35.3	34.7	31.0	34.0	56.7	62.8	70.2	43.6	52.2	46.3	34.0	30.8	26.5	29.9
Sciences nec	18.1	19.5	20.1	25.6	32.5	25.9	30.3	24.6	20.2	28.3	27.2	32.2	33.3	18.9	25.8
Engineering	58.5	60.4	56.4	57.6	57.7	57.5	56.5	55.2	58.0	56.1	52.8	45.7	36.5	43.7	41.3
Aerospace, aeronautical, and astronautical	79.0	83.5	71.9	67.5	62.7	65.9	72.1	62.3	53.2	56.6	56.3	40.3	40.4	48.1	60.2
Bioengineering and biomedical	52.7	57.8	53.0	43.5	46.1	50.2	53.1	53.7	61.0	53.7	43.5	41.9	50.2	43.9	41.8
Chemical	55.2	55.7	32.4	53.9	57.7	50.9	46.6	44.6	50.0	55.0	45.8	31.1	41.3	45.8	44.7
Civil	59.1	60.7	60.9	58.0	46.1	47.7	49.5	40.8	43.2	39.0	37.1	29.4	36.1	41.3	35.4
Electrical, electronic, and communications	59.9	67.7	69.1	66.7	66.5	66.4	63.4	59.3	67.1	63.8	64.5	57.9	61.6	62.5	59.2



Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Industrial and manufacturing	na	na	na	na	na	na	na	na	na	na	na	na	na	na	69.2
Mechanical	63.5	69.1	65.9	69.7	77.8	72.3	61.9	64.8	55.9	61.5	58.1	53.5	51.6	53.5	45.2
Metallurgical and materials	53.2	45.8	65.1	66.1	58.3	65.2	61.7	54.8	58.8	55.7	52.1	45.1	13.8	20.1	49.0
Engineering nec	51.9	53.8	45.2	40.3	36.9	37.7	43.5	52.8	60.2	51.3	46.4	41.6	45.5	38.8	22.2

na = not applicable; separate data for natural resources and conservation, materials science, anthropology, and industrial and manufacturing engineering were not collected prior to FY 2016.

nec = not elsewhere classified.

Note(s)

Because of rising capitalization thresholds, the dollar threshold for inclusion in the equipment category has changed over time. Generally, university equipment that costs less than \$5,000 would be classified under the cost category of "supplies."

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, Survey of Research and Development Expenditures at Universities and Colleges, and Higher Education Research and Development Survey (HERD).

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