



APPENDIX TABLE 5-2

Sources of R&D funding for public and private academic institutions: Selected years, FYs 1990–2016

(Millions of dollars and percent distribution)

Fiscal year and source of funds	All institutions		Public institutions		Private institutions	
	Amount (current \$millions)	Percent distribution	Amount (current \$millions)	Percent distribution	Amount (current \$millions)	Percent distribution
1990						
All sources	16,290	100.0	10,764	100.0	5,525	100.0
Federal government	9,640	59.2	5,626	52.3	4,014	72.7
State and local government	1,324	8.1	1,191	11.1	133	2.4
Business	1,127	6.9	733	6.8	394	7.1
Academic institutions <sup>a</sup>	3,006	18.5	2,508	23.3	498	9.0
Other	1,191	7.3	706	6.6	485	8.8
2000						
All sources	30,084	100.0	20,521	100.0	9,564	100.0
Federal government	17,548	58.3	10,660	51.9	6,888	72.0
State and local government	2,200	7.3	2,005	9.8	195	2.0
Business	2,156	7.2	1,440	7.0	716	7.5
Academic institutions <sup>a</sup>	5,925	19.7	4,989	24.3	936	9.8



Fiscal year and source of funds	All institutions		Public institutions		Private institutions	
	Amount (current \$millions)	Percent distribution	Amount (current \$millions)	Percent distribution	Amount (current \$millions)	Percent distribution
Other	2,255	7.5	1,426	7.0	829	8.7
2010						
All sources	61,287	100.0	41,267	100.0	20,020	100.0
Federal government	37,478	61.2	23,354	56.6	14,124	70.5
State and local government	3,887	6.3	3,420	8.3	467	2.3
Business	3,202	5.2	2,086	5.1	1,115	5.6
Academic institutions <sup>a</sup>	11,943	19.5	9,332	22.6	2,610	13.0
Other	4,777	7.8	3,074	7.4	1,704	8.5
2015						
All sources	68,567	100.0	45,429	100.0	23,138	100.0
Federal government	37,849	55.2	23,389	51.5	14,459	62.5
State and local government	3,855	5.6	3,492	7.7	363	1.6
Business	4,002	5.8	2,521	5.5	1,482	6.4
Academic institutions <sup>a</sup>	16,608	24.2	12,136	26.7	4,472	19.3
Other	6,253	9.1	3,891	8.6	2,362	10.2
2016						



Fiscal year and source of funds	All institutions		Public institutions		Private institutions	
	Amount (current \$millions)	Percent distribution	Amount (current \$millions)	Percent distribution	Amount (current \$millions)	Percent distribution
All sources	71,833	100.0	47,148	100.0	24,685	100.0
Federal government	38,794	54.0	23,948	50.8	14,846	60.1
State and local government	4,025	5.6	3,691	7.8	334	1.4
Business	4,211	5.9	2,568	5.4	1,643	6.7
Academic institutions <sup>a</sup>	17,975	25.0	12,728	27.0	5,247	21.3
Other	6,829	9.5	4,214	8.9	2,615	10.6

<sup>a</sup> Academic institutions' funds exclude research funds spent from multipurpose accounts.

**Note(s)**

Detail for each funding source may not add to total of all sources because of rounding. Other includes nonprofit organizations and other organizations. Totals for FYs 1990 and 2000 represent R&D expenditures in S&E fields only. Beginning in FY 2010, totals include R&D expenditures in S&E fields and non-S&E fields.

**Source(s)**

National Science Foundation, National Center for Science and Engineering Statistics, Higher Education Research and Development Survey (HERD).

*Science and Engineering Indicators 2018*