

TABLE 5-8

**Higher education R&D expenditures at all universities and colleges financed by institutional funds, by source, fiscal year, institution type, and Carnegie classification: FYs 2012–16**

(Thousands of dollars)

Fiscal year, institution type, and Carnegie classification	All R&D expenditures	Institutional funds <sup>a</sup>			
		Total	Institutionally financed research	Cost sharing	Unrecovered indirect costs
2012	65,729,007	13,587,398	7,691,330	1,286,539	4,609,529
Public	44,162,595	10,409,872	6,295,784	845,633	3,268,455
Research universities — very high research activity	29,343,091	7,017,320	4,223,087	562,387	2,231,846
Private	21,566,412	3,177,526	1,395,546	440,906	1,341,074
Research universities — very high research activity	17,033,727	2,261,034	751,213	375,547	1,134,274
2013	67,013,138	14,936,380	8,874,662	1,358,220	4,703,498
Public	44,849,697	11,144,662	6,960,872	879,669	3,304,121
Research universities — very high research activity	30,094,389	7,466,906	4,660,195	576,464	2,230,247
Private	22,163,441	3,791,718	1,913,790	478,551	1,399,377
Research universities — very high research activity	17,584,997	2,767,767	1,180,848	406,595	1,180,324
2014	67,196,537	15,735,059	9,595,025	1,379,024	4,761,010
Public	44,675,392	11,610,472	7,401,246	890,939	3,318,287
Research universities — very high research activity	30,017,465	7,863,789	4,995,218	586,986	2,281,585
Private	22,521,145	4,124,587	2,193,779	488,085	1,442,723
Research universities — very high research activity	17,860,100	3,001,686	1,367,581	416,640	1,217,465
2015	68,566,890	16,608,089	10,411,219	1,351,638	4,845,232
Public	45,428,226	12,135,590	7,926,385	840,151	3,369,054
Research universities — very high research activity	30,866,665	8,307,825	5,391,189	558,486	2,358,150



Fiscal year, institution type, and Carnegie classification	All R&D expenditures	Institutional funds <sup>a</sup>			
		Total	Institutionally financed research	Cost sharing	Unrecovered indirect costs
Private	23,138,664	4,472,499	2,484,834	511,487	1,476,178
Research universities — very high research activity	18,320,160	3,245,663	1,585,157	435,686	1,224,820
2016	71,833,308	17,974,962	11,471,087	1,430,833	5,073,042
Public	47,147,814	12,727,952	8,302,999	891,283	3,533,670
Research universities — very high research activity	31,841,684	8,480,727	5,510,803	579,533	2,390,391
Private	24,685,494	5,247,010	3,168,088	539,550	1,539,372
Research universities — very high research activity	19,407,892	3,858,251	2,154,612	453,452	1,250,187

<sup>a</sup> Excludes research funds spent from multipurpose accounts.

**Source(s)**

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

*Science and Engineering Indicators 2018*