Table 2. Higher education R&D expenditures, by source of funds and survey population: FYs 2010–25

(Dollars in thousands)

Survey population and fiscal year	All R&D expenditures	Source of funds								
		Federal government	State and local government	Institution funds				Business	Nonprofit organizations	All other sources
				Total	Institutionally financed research	Cost sharing	Unrecovered indirect costs			
All institutions										
2010	61,286,610	37,477,582	3,887,106	11,942,532	6,198,189	1,083,275	4,661,068	3,201,904	3,729,655	1,047,831
2011	65,274,393	40,768,251	3,851,323	12,580,320	6,816,187	1,153,646	4,610,487	3,182,671	3,853,950	1,037,878
2012	65,873,562	40,216,315	3,743,794	13,626,643	7,725,342	1,289,002	4,612,299	3,279,183	4,036,962	970,665
2013	67,110,175	39,509,763	3,705,551	14,939,817	8,908,292	1,324,996	4,706,529	3,514,750	3,902,574	1,537,720
2014	67,314,545	38,031,364	3,915,558	15,744,856	9,638,156	1,342,759	4,763,941	3,733,685	3,977,674	1,911,408
2015	68,665,268	37,910,552	3,864,035	16,609,345	10,446,669	1,322,582	4,840,094	4,008,528	4,235,438	2,037,370
2016	71,881,043	38,856,498	4,053,258	17,912,276	11,447,898	1,426,984	5,037,394	4,220,135	4,634,578	2,204,298
2017	75,294,368	40,318,628	4,186,469	18,887,354	12,132,446	1,562,017	5,192,891	4,439,729	5,159,455	2,302,733
2018	79,177,412	41,933,513	4,326,273	20,221,522	13,196,969	1,519,596	5,504,957	4,726,444	5,458,650	2,511,010
2019	83,646,838	44,538,150	4,520,288	21,115,466	14,011,479	1,566,156	5,537,831	5,065,822	5,705,190	2,701,922
2020	86,447,512	46,183,876	4,603,434	22,024,380	14,646,488	1,635,810	5,742,082	5,189,485	5,758,044	2,688,293
2021	89,845,938	49,195,495	4,752,369	22,479,737	14,973,356	1,626,736	5,879,645	5,122,636	5,606,546	2,689,155
2022	97,850,870	54,055,666	4,917,682	24,546,282	16,664,294	1,708,583	6,173,405	5,706,467	5,978,483	2,646,290
2023	108,864,380	59,683,247	5,451,395	27,690,441	19,197,492	1,720,260	6,772,689	6,229,922	6,682,357	3,127,018
2024	117,666,032	64,701,692	6,074,593	30,150,068	21,262,884	1,846,526	7,040,658	6,359,013	6,729,871	3,650,795
2025	124,424,631	67,446,162	6,896,132	32,624,848	23,485,811	1,929,420	7,209,617	6,388,038	7,164,325	3,905,126
Short form institutions[a]										
2012	143,498	74,639	10,263	37,778	32,515	2,474	2,789	5,207	14,611	1,000
2013	131,528	64,349	9,175	37,529	32,116	2,360	3,053	4,221	14,000	2,254
2014	153,117	70,246	12,535	47,142	42,032	1,707	3,403	5,849	13,747	3,598
2015	144,282	64,187	9,378	45,816	41,178	1,228	3,410	5,695	15,036	4,170
2016	143,849	68,516	9,842	41,427	35,888	2,169	3,370	5,693	14,016	4,355
2017	143,880	71,040	11,413	36,930	32,208	1,890	2,832	4,479	16,088	3,930
2018	150,382	73,579	13,486	41,807	36,360	2,356	3,091	5,235	13,013	3,262
2019	156,408	77,789	9,736	44,531	38,459	1,914	4,158	4,475	13,527	6,350
2020	138,975	75,104	8,784	34,120	28,435	2,243	3,442	4,245	13,160	3,562
2021	139,633	74,340	9,247	34,943	29,644	1,971	3,328	3,335	13,747	4,021
2022	166,365	80,685	10,743	45,299	38,184	2,578	4,537	8,078	16,343	5,217
2023	161,151	73,445	8,718	49,726	43,026	2,629	4,071	9,041	13,379	6,842
2024	164,529	80,010	7,841	49,608	44,893	1,800	2,915	5,917	13,574	7,579
2025	151,171	83,830	10,781	36,096	31,999	1,427	2,670	4,987	10,189	5,288
Standard form institutions										
2010	61,286,610	37,477,582	3,887,106	11,942,532	6,198,189	1,083,275	4,661,068	3,201,904	3,729,655	1,047,831
2011	65,274,393	40,768,251	3,851,323	12,580,320	6,816,187	1,153,646	4,610,487	3,182,671	3,853,950	1,037,878
2012	65,730,064	40,141,676	3,733,531	13,588,865	7,692,827	1,286,528	4,609,510	3,273,976	4,022,351	969,665

Table 2. Higher education R&D expenditures, by source of funds and survey population: FYs 2010–25

(Dollars in thousands)

Survey population and fiscal year	All R&D expenditures	Source of funds								
		Federal government	State and local government	Institution funds				Business	Nonprofit organizations	All other sources
				Total	Institutionally financed research	Cost sharing	Unrecovered indirect costs			
2013	66,978,647	39,445,414	3,696,376	14,902,288	8,876,176	1,322,636	4,703,476	3,510,529	3,888,574	1,535,466
2014	67,161,428	37,961,118	3,903,023	15,697,714	9,596,124	1,341,052	4,760,538	3,727,836	3,963,927	1,907,810
2015	68,520,986	37,846,365	3,854,657	16,563,529	10,405,491	1,321,354	4,836,684	4,002,833	4,220,402	2,033,200
2016	71,737,194	38,787,982	4,043,416	17,870,849	11,412,010	1,424,815	5,034,024	4,214,442	4,620,562	2,199,943
2017	75,150,488	40,247,588	4,175,056	18,850,424	12,100,238	1,560,127	5,190,059	4,435,250	5,143,367	2,298,803
2018	79,027,030	41,859,934	4,312,787	20,179,715	13,160,609	1,517,240	5,501,866	4,721,209	5,445,637	2,507,748
2019	83,490,430	44,460,361	4,510,552	21,070,935	13,973,020	1,564,242	5,533,673	5,061,347	5,691,663	2,695,572
2020	86,308,537	46,108,772	4,594,650	21,990,260	14,618,053	1,633,567	5,738,640	5,185,240	5,744,884	2,684,731
2021	89,706,305	49,121,155	4,743,122	22,444,794	14,943,712	1,624,765	5,876,317	5,119,301	5,592,799	2,685,134
2022	97,684,505	53,974,981	4,906,939	24,500,983	16,626,110	1,706,005	6,168,868	5,698,389	5,962,140	2,641,073
2023	108,703,229	59,609,802	5,442,677	27,640,715	19,154,466	1,717,631	6,768,618	6,220,881	6,668,978	3,120,176
2024	117,501,503	64,621,682	6,066,752	30,100,460	21,217,991	1,844,726	7,037,743	6,353,096	6,716,297	3,643,216
2025	124,273,460	67,362,332	6,885,351	32,588,752	23,453,812	1,927,993	7,206,947	6,383,051	7,154,136	3,899,838

[a] Beginning with FY 2012, institutions reporting less than $1 million in total R&D expenditures completed a shorter version of the survey questionnaire. Prior to FY 2012, all institutions completed the standard form survey questionnaire.

Source(s):
National Center for Science and Engineering Statistics, Higher Education Research and Development Survey.