

TABLE 14

Higher education R&D expenditures from foreign sources, by highest degree granted and institutional control: FYs 2010–20 and by source of foreign funds for FYs 2016–20

(Dollars in thousands)

Source of foreign funds, highest degree granted, and institutional control	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
All institutions											
All foreign funds	642,858	719,255	797,787	977,773	1,003,612	1,065,483	1,184,134	1,220,161	1,253,513	1,272,165	1,304,607
Foreign government	na	na	na	na	na	na	164,585	172,575	249,842	272,645	296,658
Business	na	na	na	na	na	na	492,310	517,623	549,382	580,228	625,962
Nonprofit organizations	na	na	na	na	na	na	303,583	318,018	273,361	274,070	252,230
Higher education institutions	na	na	na	na	na	na	114,640	111,777	115,367	108,664	106,741
All other sources	na	na	na	na	na	na	109,016	100,168	65,561	36,558	23,016
Doctorate											
All foreign funds	640,490	715,437	795,057	973,733	999,173	1,060,088	1,170,461	1,215,605	1,247,004	1,267,603	1,298,826
Foreign government	na	na	na	na	na	na	162,784	172,185	249,291	272,215	296,434
Business	na	na	na	na	na	na	482,806	515,163	546,059	578,533	623,477
Nonprofit organizations	na	na	na	na	na	na	302,930	317,464	272,699	273,166	250,391
Higher education institutions	na	na	na	na	na	na	114,155	111,436	114,510	107,698	106,016
All other sources	na	na	na	na	na	na	107,786	99,357	64,445	35,991	22,508
Nondoctorate											
All foreign funds	2,368	3,818	2,730	4,040	4,439	5,395	13,673	4,556	6,509	4,562	5,781
Foreign government	na	na	na	na	na	na	1,801	390	551	430	224
Business	na	na	na	na	na	na	9,504	2,460	3,323	1,695	2,485
Nonprofit organizations	na	na	na	na	na	na	653	554	662	904	1,839
Higher education institutions	na	na	na	na	na	na	485	341	857	966	725
All other sources	na	na	na	na	na	na	1,230	811	1,116	567	508
Public											
All foreign funds	381,519	418,115	437,190	491,874	518,834	528,480	546,212	565,651	593,808	597,246	622,543
Foreign government	na	na	na	na	na	na	57,274	51,549	117,452	89,818	78,440
Business	na	na	na	na	na	na	264,175	262,449	277,039	308,757	352,664
Nonprofit organizations	na	na	na	na	na	na	154,891	175,990	120,856	121,634	114,737
Higher education institutions	na	na	na	na	na	na	50,552	56,051	59,807	59,994	63,665
All other sources	na	na	na	na	na	na	19,320	19,612	18,654	17,043	13,037
Private											
All foreign funds	261,339	301,140	360,597	485,899	484,778	537,003	637,922	654,510	659,705	674,919	682,064
Foreign government	na	na	na	na	na	na	107,311	121,026	132,390	182,827	218,218
Business	na	na	na	na	na	na	228,135	255,174	272,343	271,471	273,298
Nonprofit organizations	na	na	na	na	na	na	148,692	142,028	152,505	152,436	137,493
Higher education institutions	na	na	na	na	na	na	64,088	55,726	55,560	48,670	43,076

TABLE 14

Higher education R&D expenditures from foreign sources, by highest degree granted and institutional control: FYs 2010–20 and by source of foreign funds for FYs 2016–20

(Dollars in thousands)

Source of foreign funds, highest degree granted, and institutional control	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
All other sources	na	na	na	na	na	na	89,696	80,556	46,907	19,515	9,979

na = not applicable; separate data for source of foreign funds were not collected for these years.

Note(s):

Prior to FY 2016, only total R&D expenditures from foreign sources was collected. Beginning in FY 2016, institutions were asked for the source of foreign funding.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey.