

TABLE 3. Higher education R&D expenditures, by source of funds, character of work, highest degree granted, and institutional control: FY 2010–11
(Dollars in thousands)

Fiscal year and type of institution	Total				Federal				Nonfederal			
	All R&D expenditures	Basic research	Applied research	Development	All federal R&D expenditures	Basic research	Applied research	Development	All nonfederal R&D expenditures	Basic research	Applied research	Development
2010												
All institutions	61,190,610	40,387,453	15,488,979	5,314,178	37,475,292	25,402,076	9,399,117	2,674,099	23,715,318	14,985,377	6,089,862	2,640,079
Doctorate	60,112,829	39,764,870	15,159,750	5,188,209	36,796,478	25,026,687	9,184,877	2,584,914	23,316,351	14,738,183	5,974,873	2,603,295
Nondoctorate	1,077,781	622,583	329,229	125,969	678,814	375,389	214,240	89,185	398,967	247,194	114,989	36,784
Public	41,166,601	27,228,045	10,375,153	3,563,403	23,348,548	15,809,102	5,727,978	1,811,468	17,818,053	11,418,943	4,647,175	1,751,935
Private	20,024,009	13,159,408	5,113,826	1,750,775	14,126,744	9,592,974	3,671,139	862,631	5,897,265	3,566,434	1,442,687	888,144
2011												
All institutions	65,073,411	42,231,265	17,133,191	5,708,955	40,764,823	27,024,243	10,800,861	2,939,719	24,308,588	15,207,022	6,332,330	2,769,236
Doctorate	63,814,924	41,559,120	16,679,275	5,576,529	39,965,678	26,614,169	10,504,645	2,846,864	23,849,246	14,944,951	6,174,630	2,729,665
Nondoctorate	1,258,487	672,145	453,916	132,426	799,145	410,074	296,216	92,855	459,342	262,071	157,700	39,571
Public	43,697,885	28,511,117	11,522,660	3,664,108	25,346,230	16,814,854	6,734,334	1,797,042	18,351,655	11,696,263	4,788,326	1,867,066
Private	21,375,526	13,720,148	5,610,531	2,044,847	15,418,593	10,209,389	4,066,527	1,142,677	5,956,933	3,510,759	1,544,004	902,170

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Higher Education Research and Development Survey.