



TABLE 5-3

Higher education R&D expenditures, by Carnegie classification, institution type, and type of cost: FY 2016

(Thousands of dollars)

Carnegie classification and institution type	All R&D expenditures	Direct costs								Indirect costs		
		Total	Salaries, wages, and fringe benefits	Software purchases			Capitalized equipment	Passed through to subrecipients	Other direct costs	Total	Recovered	Unrecovered
				Total	Noncapitalized software	Capitalized software						
All institutions	71,833,308	55,299,302	31,476,669	113,777	95,247	18,530	2,171,192	5,733,598	15,804,066	16,534,006	11,460,964	5,073,042
Research universities — very high research activity	51,249,576	38,866,432	22,077,133	62,795	56,434	6,361	1,473,962	4,265,477	10,987,065	12,383,144	8,742,566	3,640,578
All other universities and colleges	20,583,732	16,432,870	9,399,536	50,982	38,813	12,169	697,230	1,468,121	4,817,001	4,150,862	2,718,398	1,432,464
Public	47,147,814	36,991,418	21,773,123	89,480	74,178	15,302	1,578,451	3,555,996	9,994,368	10,156,396	6,622,726	3,533,670
Private	24,685,494	18,307,884	9,703,546	24,297	21,069	3,228	592,741	2,177,602	5,809,698	6,377,610	4,838,238	1,539,372

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, Higher Education Research and Development Survey (HERD), FY 2016.

Science and Engineering Indicators 2018