

Table 2**Higher education R&D expenditures, by source of funds: FYs 2011–19**

(Millions of current dollars)

Source of funds	2011	2012	2013	2014	2015	2016	2017	2018	2019	% change 2018–19
All R&D expenditures	65,274	65,729	67,013	67,199	68,550	71,736	75,134	79,014	83,496	5.7
All federal R&D expenditures	40,768	40,142	39,446	37,961	37,847	38,771	40,224	41,836	44,455	6.3
DOD	4,814	4,908	5,023	4,927	5,090	5,313	5,635	5,894	6,655	12.9
DOE	1,866	1,955	1,876	1,806	1,710	1,770	1,815	1,813	1,939	6.9
HHS	22,995	21,916	21,211	20,298	19,994	20,657	21,620	22,829	24,413	6.9
NASA	1,423	1,331	1,332	1,329	1,418	1,491	1,406	1,516	1,645	8.5
NSF	5,140	5,276	5,393	5,127	5,120	5,113	5,205	5,270	5,331	1.2
USDA	1,006	1,094	1,092	1,061	1,119	1,207	1,222	1,184	1,221	3.1
Other	3,524	3,663	3,519	3,413	3,396	3,220	3,322	3,330	3,251	-2.4

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = Department of Agriculture.

Note(s):

Because of rounding, detail may not add to total. Beginning in FY 2012, institutions reporting less than \$1 million in total R&D expenditures completed a shorter version of the survey questionnaire and those totals are not reflected here.

Source(s):

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