

Table 2. Federally financed higher education R&D expenditures, by federal agency: FYs 2014–24

(Millions of current dollars)

| Source of funds | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | % change 2023–24 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------------------|
| All higher education R&D expenditures | 67,161 | 68,521 | 71,737 | 75,150 | 79,027 | 83,490 | 86,309 | 89,706 | 97,677 | 108,697 | 117,554 | 8.1 |
| All federally financed higher education R&D expenditures | 37,961 | 37,846 | 38,788 | 40,248 | 41,860 | 44,460 | 46,109 | 49,121 | 53,975 | 59,610 | 64,640 | 8.4 |
| DOD | 4,927 | 5,090 | 5,313 | 5,634 | 5,892 | 6,652 | 7,078 | 7,363 | 7,979 | 9,046 | 10,174 | 12.5 |
| DOE | 1,805 | 1,710 | 1,772 | 1,821 | 1,819 | 1,940 | 2,038 | 2,218 | 2,488 | 2,671 | 2,941 | 10.1 |
| HHS | 20,298 | 19,994 | 20,663 | 21,627 | 22,837 | 24,407 | 25,365 | 27,521 | 30,273 | 33,104 | 35,500 | 7.2 |
| NASA | 1,329 | 1,418 | 1,491 | 1,406 | 1,516 | 1,644 | 1,758 | 1,768 | 2,045 | 2,296 | 2,369 | 3.2 |
| NSF | 5,127 | 5,119 | 5,114 | 5,206 | 5,271 | 5,333 | 5,414 | 5,408 | 6,037 | 6,700 | 7,174 | 7.1 |
| USDA | 1,062 | 1,119 | 1,209 | 1,223 | 1,186 | 1,224 | 1,250 | 1,304 | 1,513 | 1,701 | 1,976 | 16.2 |
| Other | 3,414 | 3,397 | 3,226 | 3,330 | 3,339 | 3,260 | 3,206 | 3,538 | 3,641 | 4,093 | 4,506 | 10.1 |

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. 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. R&D expenditures from institutions reporting less than \$1 million in R&D in FY 2024 were \$164 million. Total federally funded R&D for these institutions in FY 2024 was \$78 million.

Source(s):

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