

**Table 1****Federal obligations and outlays for research, experimental development, and R&D plant: FYs 2021–23**

(Dollars in billions)

Type of R&D	FY 2021	FY 2022	FY 2023 (preliminary)	Percent change FY 2021–22	Percent change FY 2022–23 (preliminary)
Outlays for R&D and R&D plant	178.3	183.1	177.6	2.7	-3.0
R&D	174.5	178.9	171.9	2.5	-3.9
R&D plant	3.8	4.2	5.7	10.0	36.3
Obligations for R&D and R&D plant	193.9	196.6	193.0	1.4	-1.8
R&D	189.6	190.4	186.4	0.4	-2.1
Research	85.9	93.8	99.5	9.2	6.0
Basic research	42.3	45.4	48.5	7.4	6.8
Applied research	43.6	48.4	51.0	11.0	5.4
Experimental development	103.7	96.6	87.0	-6.8	-10.0
R&D plant	4.3	6.2	6.5	44.2	5.6

**Note(s):**

Because of rounding, detail may not add to total. Percentages are computed using actual dollars reported. FYs 2021 and 2022 data include obligations from supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act).

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development.