Table 1. State agency R&D and R&D plant expenditures: FYs 2024–25

(Thousands of current dollars)

Characteristic	FY 2024	FY 2025	% change
All R&D and R&D plant expenditures	3,356,403	3,562,217	6.1
All R&D plant expenditures[a]	23,548	85,547	263.3
All R&D expenditures	3,332,854	3,476,670	4.3
R&D expenditures			
By source of funds			
Federal government	724,181	701,895	-3.1
State government and other nonfederal sources	2,608,673	2,774,775	6.4
By performer			
Intramural[b]	789,727	785,021	-0.6
Extramural	2,543,127	2,691,649	5.8
Higher education institutions	1,244,523	1,342,716	7.9
Companies and individuals	674,010	803,403	19.2
Nonprofit organizations[c]	440,821	391,943	-11.1
Other governments[d]	116,972	84,748	-27.5
All other[e]	66,802	68,838	3.0
Intramural by type of R&D			
Basic research	132,946	136,550	2.7
Applied research	611,487	600,992	-1.7
Experimental development	45,294	47,480	4.8
By government function			
Agriculture	188,179	196,197	4.3
Energy	503,270	600,441	19.3
Environment and natural resources	604,988	660,117	9.1
Health	1,454,346	1,461,442	0.5
Transportation	344,791	310,674	-9.9
Other R&D functions[f]	237,280	247,800	4.4

[a] R&D plant expenditures includes acquisition of land, facilities, major equipment, and major building renovations intended primarily for R&D use.
[b] Intramural performers includes a department's or agency's own employees who perform R&D and services performed by others in support of an internal R&D project.
[c] Nonprofit organizations includes foundations.
[d] Other governments includes federal government departments and agencies; other departments or agencies within the state; other state governments; and county, city, special district, or regional local governments.
[e] All other extramural performers includes all performers not elsewhere classified.
[f] Other R&D functions includes, but is not limited to, corrections, criminal justice, education, forensic science, labor, public safety, and social services functions.

Note(s):
Detail may not add to total due to rounding. Data include all 50 states and the District of Columbia. Puerto Rico is not included due to its classification as a U.S. territory.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development.