

**Table 1****R&D expenditures at federally funded research and development centers, by source of funds: FYs 2013–23**

(Thousands of current dollars)

Fiscal year	All R&D expenditures	Federal government	State and local governments	Businesses	Nonprofit organizations	All other sources
2013	17,667,184	17,284,513	50,449	186,911	39,390	105,921
2014	17,718,556	17,331,396	28,337	220,735	37,182	100,906
2015	18,458,257	18,097,189	18,427	208,780	27,984	105,877
2016	19,219,702	18,855,593	21,556	192,239	40,195	110,119
2017	20,038,307	19,667,804	29,029	192,107	46,526	102,841
2018	21,171,529	20,770,388	43,458	197,975	43,630	116,078
2019	22,737,500	22,338,855	51,167	180,583	48,238	118,657
2020	23,514,241	23,133,501	43,995	172,866	47,056	116,823
2021	24,921,476	24,509,691	43,774	195,954	49,016	123,041
2022	26,006,971	25,605,479	38,591	207,483	49,120	106,298
2023	29,316,897	28,880,018	35,407	224,361	42,292	134,819

**Source(s):**

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