

Table 3**State government expenditures for R&D, by state and performer type: FY 2019**

(Thousands of dollars)

State	All R&D expenditures ^a	Intramural performers ^b	Extramural performers ^c			
			Total	Academic institutions	Companies and individuals ^d	Other ^e
United States ^f	2,426,883	676,171	1,750,712	1,024,317	438,222	288,173
Alabama	19,763	7,413	12,350	6,602	143	5,605
Alaska	12,502	8,921	3,582	816	2,412	353
Arizona	17,332	761	16,571	11,069	900	4,602
Arkansas	21,099	66	21,033	20,577	448	9
California	526,919	73,081	453,837	159,255	187,118	107,465
Colorado	36,587	11,901	24,686	11,714	12,536	435
Connecticut	57,241	24,680	32,561	12,121	18,862	1,578
Delaware	3,826	2,559	1,268	742	449	76
District of Columbia	4,222	1,889	2,334	882	1,252	200
Florida	170,509	50,605	119,904	72,946	4,606	42,353
Georgia	18,875	3,540	15,336	10,179	2,801	2,356
Hawaii	7,326	258	7,068	1,560	5,012	496
Idaho	17,828	6,710	11,119	7,096	182	3,840
Illinois	17,549	1,171	16,377	12,314	158	3,906
Indiana	12,357	168	12,189	11,273	917	0
Iowa	9,387	3,279	6,107	5,782	308	17
Kansas	12,355	998	11,357	9,557	42	1,758
Kentucky	26,668	2,038	24,630	20,153	4,477	0
Louisiana	35,142	10,974	24,168	21,247	2,706	215
Maine	32,593	3,051	29,541	3,209	23,393	2,940
Maryland	29,108	989	28,118	25,175	1,703	1,241
Massachusetts	28,425	8,798	19,627	8,960	9,123	1,545
Michigan	8,023	336	7,687	4,128	732	2,826
Minnesota	20,151	2,028	18,123	11,790	3,284	3,049
Mississippi	12,170	1,756	10,415	5,478	2,777	2,160
Missouri	15,056	8,242	6,813	5,233	1,430	151
Montana	8,794	2,994	5,801	4,974	661	165
Nebraska	28,168	770	27,398	25,379	579	1,439
Nevada	7,872	185	7,687	5,577	200	1,910
New Hampshire	8,433	132	8,301	760	7,060	481
New Jersey	23,887	2,796	21,091	15,454	819	4,817
New Mexico	3,586	900	2,686	1,403	1,033	249
New York	448,502	276,774	171,728	109,788	28,123	33,816
North Carolina	32,754	18,400	14,354	11,217	1,447	1,690
North Dakota	12,140	422	11,718	9,154	1,328	1,236
Ohio	97,758	18,343	79,415	30,770	47,835	810
Oklahoma	29,608	1,685	27,922	20,227	1,261	6,435
Oregon	44,223	24,762	19,461	13,099	5,359	1,002
Pennsylvania	85,051	8,579	76,472	56,916	2,330	17,225
Rhode Island	5,512	2,767	2,745	556	1,623	567
South Carolina	46,983	28,876	18,107	4,550	770	12,787
South Dakota	2,953	361	2,592	1,635	600	356
Tennessee	7,439	1,711	5,729	5,363	203	163
Texas	233,030	3,856	229,175	197,243	30,914	1,018
Utah	7,986	5,046	2,939	1,538	1,402	0
Vermont	2,731	681	2,049	1,723	323	3

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			Total	Academic institutions	Companies and individuals ^d	Other ^e
Virginia	29,951	10,734	19,218	15,785	2,540	893
Washington	51,963	19,987	31,976	18,756	5,057	8,163
West Virginia	11,068	2,868	8,200	8,048	0	153
Wisconsin	17,474	5,044	12,430	3,653	5,317	3,460
Wyoming	6,003	1,286	4,716	896	3,666	3,666

^a State R&D expenditures do not include R&D plant.

^b Intramural performers include 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 Extramural performers are those outside the department or agency who perform R&D.

^d Companies and individuals include individuals under contract for research projects.

^e Other includes federal government; nonprofit organizations; city, county, regional, or other local governments; and other state governments.

^f U.S. total reflects all 50 states and the District of Columbia.

Source(s):

National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FY 2019.