

**Table 2****State government expenditures for R&D, by state and function: FY 2019**

(Thousands of current dollars)

State	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other
United States <sup>a</sup>	2,426,883	136,396	323,154	452,270	1,082,056	260,025	172,982
California	526,919	7,004	202,263	40,710	225,535	34,906	16,500
New York	448,502	10,612	51,408	33,457	315,479	8,843	28,703
Texas	233,030	1,229	0	9,798	204,709	17,295	0
Florida	170,509	11,725	557	52,486	90,373	15,367	0
Ohio	97,758	0	14,558	58,098	3,200	6,887	15,015
Pennsylvania	85,051	3,187	5,324	8,385	53,336	3,914	10,905
Connecticut	57,241	3,857	0	10,599	29,922	3,283	9,580
Washington	51,963	17,797	7,621	16,416	1,189	5,596	3,344
South Carolina	46,983	1,013	87	28,246	14,541	2,159	937
Oregon	44,223	1,639	4,550	19,897	6,000	5,412	6,726
Colorado	36,587	722	3,184	10,799	10,027	3,288	8,567
Louisiana	35,142	270	2,875	11,752	1,533	10,000	8,713
North Carolina	32,754	14,133	1,657	7,936	778	7,960	291
Maine	32,593	7,183	0	12,056	2,468	1,136	9,750
Virginia	29,951	2,765	350	7,211	3,183	12,890	3,552
Oklahoma	29,608	1,059	684	3,698	16,263	6,849	1,055
Maryland	29,108	358	1,182	1,626	22,521	1,735	1,687
Massachusetts	28,425	50	5,049	8,939	6,632	4,425	3,330
Nebraska	28,168	2,852	4	4,758	18,987	1,410	158
Kentucky	26,668	627	2,020	2,531	14,470	7,020	0
New Jersey	23,887	0	0	2,192	15,865	2,717	3,112
Arkansas	21,099	12,519	853	2,426	3,477	855	968
Minnesota	20,151	3,701	0	5,357	0	11,093	0
Alabama	19,763	0	256	9,404	1,080	3,602	5,422
Georgia	18,875	634	6,336	3,872	0	8,034	0
Idaho	17,828	5,349	0	8,365	338	3,339	437
Illinois	17,549	3,990	0	0	16	9,459	4,085
Wisconsin	17,474	3,518	0	6,060	1,141	3,755	3,000
Arizona	17,332	1,055	0	1,078	13,843	1,356	0
Missouri	15,056	1,154	0	11,968	104	1,830	0
Alaska	12,502	0	1,102	8,392	320	2,687	0
Indiana	12,357	142	268	0	600	8,496	2,851
Kansas	12,355	3,999	0	3,645	0	3,715	996
Mississippi	12,170	600	0	5,579	0	5,992	0
North Dakota	12,140	2,998	6,229	1,546	30	1,337	0
West Virginia	11,068	25	1,703	4,142	1,297	2,125	1,777
Iowa	9,387	0	0	3,798	61	5,191	337
Montana	8,794	3,133	0	4,147	312	821	383
New Hampshire	8,433	115	9	101	0	807	7,400
Michigan	8,023	1,247	0	1,556	88	5,132	0
Utah	7,986	0	0	4,538	13	3,435	0
Nevada	7,872	185	0	129	0	973	6,585
Tennessee	7,439	0	107	906	0	3,108	3,319
Hawaii	7,326	1,681	2,511	896	0	802	1,437
Wyoming	6,003	529	262	2,152	250	1,429	1,381
Rhode Island	5,512	49	0	3,508	150	1,225	581
District of Columbia	4,222	0	0	2,000	1,716	422	84
Delaware	3,826	0	24	2,701	0	1,101	0
New Mexico	3,586	0	83	2,109	0	1,377	17

**Table 2****State government expenditures for R&D, by state and function: FY 2019**

(Thousands of current dollars)

State	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other
South Dakota	2,953	1,691	40	0	0	1,223	0
Vermont	2,731	0	0	308	211	2,212	0

<sup>a</sup> U.S. total reflects all 50 states and the District of Columbia.**Note(s):**

Includes state agency funding from all sources for both intramural and extramural performance. Detail may not add to total because of rounding.

**Source(s):**

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