

TABLE 8. State R&D expenditures, by state and function of R&D: FYs 2014–15
(Dollars)

State	All R&D expenditures		Agriculture		Energy		Environment and natural resources		Health		Transportation		Other ^a	
	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015
United States ^b	1,885,923,321	2,205,146,613	129,028,757	127,363,440	120,229,416	312,114,377	366,678,067	413,229,629	852,894,337	939,828,386	253,299,125	247,779,544	163,793,619	164,831,237
Alabama	18,532,534	24,486,963	0	250,000	386,692	688,913	4,106,869	5,718,986	1,000,000	2,829,600	7,237,806	9,255,656	5,801,167	5,743,808
Alaska	12,031,675	11,258,203	217,231	217,141	35,860	53,202	9,001,900	8,987,200	0	0	2,776,684	2,000,660	0	0
Arizona	18,820,149	14,942,124	944,617	718,324	1,547,000	658,000	6,184,876	7,012,194	8,881,971	5,294,706	1,261,685	1,258,900	0	0
Arkansas	14,994,903	16,642,711	8,483,250	8,248,838	4,800,000	5,243,216	0	303,087	75,000	726,189	1,269,000	1,486,000	367,653	635,381
California	321,958,885	500,071,595	6,827,645	7,566,669	18,393,000	194,354,000	28,842,415	30,382,163	217,257,046	221,873,363	35,560,150	35,201,005	15,078,629	10,694,395
Colorado	15,745,589	16,321,056	316,549	373,735	1,934,715	2,241,216	8,449,733	8,630,632	1,640,750	1,248,410	2,099,101	1,881,210	1,304,741	1,945,853
Connecticut	47,405,244	55,816,528	3,920,767	4,228,545	1,714,724	1,944,337	10,592,603	10,303,327	20,966,024	28,803,862	3,936,126	5,409,867	6,275,000	5,126,590
Delaware	2,243,868	2,199,635	0	0	0	10,000	1,988,655	2,048,014	0	0	255,213	141,621	0	0
District of Columbia	3,136,271	3,216,073	0	0	0	75,000	1,740,000	2,000,000	563,442	174,578	754,327	828,377	78,502	138,118
Florida	157,004,903	191,598,669	23,026,254	18,529,725	355,629	1,117,124	51,191,986	57,934,383	67,376,045	102,896,382	15,054,989	11,121,055	0	0
Georgia	11,776,221	10,052,848	0	0	3,096,465	3,148,268	2,584,180	3,062,308	0	0	6,095,576	3,842,272	0	0
Hawaii	13,125,455	11,520,961	80,000	60,000	4,300,000	1,500,000	6,929,035	7,849,438	0	0	1,148,448	1,338,452	667,972	773,071
Idaho	12,862,935	12,935,976	2,442,070	2,930,637	401,783	274,051	7,827,527	8,164,676	30,226	130,045	2,161,329	1,436,567	0	0
Illinois	24,988,306	30,817,406	0	139,697	5,885,366	4,333,344	0	0	1,433,534	2,552,945	9,517,493	9,602,367	8,151,913	14,189,053
Indiana	23,590,723	9,987,058	250,000	250,000	657,307	354,693	37,694	124,964	10,000,000	0	10,584,435	7,483,614	2,061,287	1,773,787
Iowa	10,357,010	11,277,534	0	0	1,117,561	710,522	4,135,147	4,279,253	0	0	4,581,695	5,829,951	522,607	457,808
Kansas	5,326,455	5,469,052	1,129,199	1,328,784	0	0	166,000	258,099	0	0	3,923,777	3,749,587	107,479	132,582
Kentucky	16,756,867	17,256,496	250,000	378,000	2,403,100	2,173,000	2,888,300	2,768,100	4,461,800	4,534,000	5,769,400	6,294,300	984,267	1,109,096
Louisiana	18,778,159	32,175,199	27,333	9,167	0	0	7,750,826	21,166,032	0	0	11,000,000	11,000,000	0	0
Maine	6,857,948	12,609,815	407,500	1,013,206	415,000	986,000	2,127,448	3,129,609	1,040,000	2,210,000	868,000	1,003,000	2,000,000	4,268,000
Maryland	29,981,260	24,852,978	200,000	200,000	200,000	200,000	1,191,164	3,070,807	26,800,000	20,500,000	1,590,096	882,171	0	0
Massachusetts	18,259,928	22,664,539	34,227	0	2,640,446	4,998,471	11,503,702	12,416,317	4,081,553	5,249,751	0	0	0	0
Michigan	12,252,555	12,675,635	3,190,880	3,150,111	0	0	3,561,675	4,025,524	0	0	5,500,000	5,500,000	0	0
Minnesota	19,378,825	21,455,746	2,725,197	2,938,310	327,995	897,117	2,678,015	3,562,237	2,500,000	2,500,000	11,147,618	11,558,082	0	0
Mississippi	1,313,376	780,616	84,209	0	22,914	1,739	917,631	566,320	0	0	288,622	212,557	0	0
Missouri	8,436,666	9,806,222	711,626	830,064	0	0	3,718,467	4,861,387	21,534	48,741	3,985,039	4,066,030	0	0
Montana	10,428,010	10,362,726	4,713,540	4,097,279	332,678	0	3,247,491	3,688,918	577,157	642,384	1,418,000	1,663,000	139,144	271,145
Nebraska	6,621,771	5,475,420	2,996,054	2,725,502	100,000	0	219,783	529,071	1,400,000	312,977	1,708,434	1,810,483	197,500	97,387
Nevada	3,438,157	3,107,166	10,000	0	0	0	170,494	192,802	0	0	3,257,663	2,914,364	0	0
New Hampshire	1,448,090	1,607,080	98,640	130,904	0	0	262,850	331,476	0	0	786,600	844,700	300,000	300,000
New Jersey	30,384,821	33,756,028	0	0	0	0	3,162,639	2,721,846	23,534,704	27,235,340	3,687,478	3,798,842	0	0
New Mexico	49,805,916	52,302,976	26,948,199	28,426,162	2,796,200	2,978,000	3,334,100	3,348,379	10,741,900	11,312,600	2,685,017	2,787,035	3,300,500	3,450,800
New York	371,224,749	365,551,926	1,823,801	2,166,324	31,242,349	40,787,626	23,806,153	21,640,818	257,001,469	244,407,831	9,321,647	6,850,569	48,029,330	49,698,758
North Carolina	22,114,350	34,002,384	12,239,391	12,050,000	1,322,052	1,652,847	2,864,841	2,901,909	0	7,966,618	5,688,066	5,534,981	0	3,896,029
North Dakota	10,784,572	9,611,936	2,504,192	2,674,205	6,858,556	5,705,731	825,000	825,000	0	0	596,824	407,000	0	0
Ohio	94,882,275	94,299,294	0	0	6,472,561	11,048,550	36,843,569	42,606,559	4,508,615	3,246,554	16,507,471	10,142,447	30,550,059	27,255,184
Oklahoma	30,473,702	29,952,934	1,708,188	1,811,266	1,246,000	1,625,000	5,921,730	5,465,000	14,455,147	14,970,721	4,873,928	3,817,249	2,268,709	2,263,698
Oregon	29,679,288	31,990,073	384,341	372,579	7,099,464	7,467,172	17,070,483	18,412,322	1,000,000	1,000,000	2,290,000	2,938,000	1,835,000	1,800,000

TABLE 8. State R&D expenditures, by state and function of R&D: FYs 2014–15
(Dollars)

State	All R&D expenditures		Agriculture		Energy		Environment and natural resources		Health		Transportation		Other ^a	
	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015
Pennsylvania	35,432,244	75,024,127	787,000	787,000	2,580,520	2,156,564	8,792,509	9,129,370	11,421,718	52,398,628	3,095,997	2,438,279	8,754,500	8,114,286
Rhode Island	3,225,472	2,594,978	0	0	2,000	1,200	861,501	869,042	305,066	179,946	1,576,999	1,436,793	479,906	107,997
South Carolina	22,311,739	27,419,285	534,646	498,748	56,129	163,885	17,608,196	23,516,239	461,758	152,441	1,594,110	2,160,647	2,056,900	927,325
South Dakota	5,067,005	4,211,838	3,219,622	2,928,142	3,779	26,862	45,000	20,000	0	0	1,798,604	1,236,834	0	0
Tennessee	4,363,565	3,828,567	0	0	0	0	583,092	571,871	0	0	3,780,473	3,256,696	0	0
Texas	162,287,552	185,094,332	3,557,354	808,544	0	0	13,206,103	14,491,269	131,883,911	149,991,410	13,640,184	19,803,109	0	0
Utah	36,466,790	38,168,197	1,688,670	2,035,321	2,076,936	4,835,743	17,125,000	18,245,765	8,226,438	8,531,383	2,293,133	1,470,900	5,056,613	3,049,085
Vermont	2,039,520	2,199,082	384,878	407,694	223,802	239,382	252,928	90,683	170,047	252,706	1,007,865	793,005	0	415,612
Virginia	38,456,410	43,615,877	730,636	1,120,676	5,789,258	6,263,600	9,034,190	9,600,341	6,113,236	6,250,104	12,779,955	17,554,526	4,009,135	2,826,630
Washington	38,277,525	36,918,558	8,689,311	10,120,251	148,000	0	9,118,095	9,698,425	11,904,246	8,364,171	5,450,000	5,450,000	2,967,873	3,285,711
West Virginia	9,705,200	11,481,903	0	0	857,387	820,450	290,580	313,483	220,000	200,000	20,000	2,193,922	8,317,233	7,954,048
Wisconsin	14,643,835	14,517,671	616,740	841,890	30,000	30,000	7,183,900	7,569,100	840,000	840,000	3,843,195	3,106,681	2,130,000	2,130,000
Wyoming	6,444,053	5,160,617	125,000	0	356,188	349,552	4,731,992	3,824,884	0	0	1,230,873	986,181	0	0
Puerto Rico ^c	6,569,500	5,673,544	550,000	683,157	422,494	400,000	205,623	150,000	4,036,171	3,123,280	560,000	560,000	795,212	757,107

^a Other functions include, but are not limited to, corrections, criminal justice, education, forensic science, labor, public safety, and social services.

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

^c Puerto Rico is not included in U.S. total due to its classification as a U.S. territory.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FYs 2014 and 2015.