Table 8. State government expenditures for agriculture-related R&D, by state: FYs 2009–25

(Dollars)

State	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
United States[a]	66,468,692	75,090,255	77,332,829	96,578,888	97,316,191	105,326,909	102,115,908	112,280,689	117,483,305	131,384,543	136,996,698	142,105,027	119,859,705	127,263,681	148,243,744	188,178,712	196,197,259
Alabama	0	0	0	0	0	0	250,000	0	0	0	0	0	104,373	326,726	584,939	513,012	395,527
Alaska	15,000	687,500	713,500	99,934	750,856	217,231	217,141	0	0	0	0	0	26,000	0	74,015	178,293	0
Arizona	220,751	142,816	732,254	616,827	549,556	944,617	718,324	945,226	887,874	723,371	1,054,913	1,041,995	1,071,301	1,311,266	1,810,237	1,705,901	1,483,740
Arkansas	6,755,483	6,643,460	7,945,440	8,803,765	8,857,097	8,483,250	8,248,838	7,513,291	9,063,778	7,087,642	12,519,460	12,606,385	6,614,526	5,336,054	4,796,832	7,349,137	7,451,275
California	6,235,149	3,091,420	4,057,537	5,640,401	5,039,599	7,470,645	8,225,669	7,475,484	6,695,567	5,834,873	7,705,454	7,116,436	6,934,080	7,753,869	11,794,814	12,177,438	11,337,552
Colorado	416,336	826,517	583,117	0	50,000	316,549	373,735	472,293	773,012	1,047,197	721,768	1,037,559	2,739,142	1,028,351	1,999,706	975,693	1,264,128
Connecticut	1,237,590	3,259,642	3,326,548	3,256,124	3,314,695	3,920,767	4,228,545	3,942,658	3,894,241	3,321,534	3,856,987	3,856,987	4,142,888	4,321,687	4,521,698	4,887,351	5,285,412
Delaware	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64,660
District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	19,410,440	16,952,501	15,991,126	19,671,322	19,046,571	23,026,254	18,529,725	17,066,498	15,855,393	20,043,531	11,725,430	21,100,902	15,279,858	14,851,847	17,742,469	45,123,731	27,572,068
Georgia	0	0	0	0	0	0	0	0	0	0	633,607	255,642	0	0	2,513,762	2,864,387	4,313,528
Hawaii	233,394	505,967	914,799	1,516,064	1,516,064	80,000	60,000	2,179,089	1,544,443	3,700,895	1,680,702	1,977,000	524,528	932,423	1,007,998	929,873	810,286
Idaho	1,352,291	1,529,838	1,720,839	2,344,664	2,940,842	2,442,070	2,930,637	3,956,230	4,205,334	4,796,891	5,349,416	7,279,087	6,008,990	8,109,741	6,558,129	6,201,382	4,697,582
Illinois	18,096	0	0	0	0	0	139,697	2,839,551	2,975,635	2,975,635	3,989,560	3,140,385	2,019,400	1,977,021	0	0	245,309
Indiana	0	0	0	177,000	268,000	250,000	250,000	250,000	250,000	350,000	141,876	100,000	500,279	500,000	500,000	400,000	425,794
Iowa	0	0	0	0	0	0	0	0	0	0	0	60,000	170,448	179,657	441,684	492,187	436,007
Kansas	784,957	1,104,311	1,167,853	1,013,350	984,198	1,129,199	1,328,784	1,457,957	2,021,302	4,415,012	3,998,895	3,675,354	3,548,954	4,457,312	3,650,342	3,879,038	4,037,793
Kentucky	0	0	45,130	478,313	312,518	250,000	1,287,000	1,407,000	1,454,611	1,469,615	627,270	540,182	517,000	290,727	588,967	626,035	674,677
Louisiana	0	0	0	0	0	27,333	9,167	2,500	49,066	38,750	270,090	636,415	274,427	289,750	177,190	524,409	513,447
Maine	501,243	1,152,303	987,050	933,637	373,257	407,500	1,013,206	765,706	1,851,874	4,534,099	7,182,948	3,329,336	1,891,592	1,542,730	10,182,623	10,174,122	6,857,851
Maryland	336,650	228,000	451,700	300,000	384,771	200,000	200,000	245,456	379,919	352,432	357,910	269,157	0	0	235,327	0	159,555
Massachusetts	0	0	0	0	0	34,227	0	37,631	0	0	50,000	0	0	0	0	0	0
Michigan	206,282	36,910	82,793	493,895	548,396	3,190,880	3,150,111	1,279,134	1,444,252	1,437,876	1,246,732	3,316,092	1,216,089	2,756,984	4,028,064	3,966,998	6,099,791
Minnesota	987,608	1,301,382	1,387,590	1,721,463	1,981,417	2,725,197	2,938,310	5,516,597	4,972,707	3,929,309	3,701,150	5,526,168	4,789,550	4,545,874	4,606,074	4,660,793	5,447,877
Mississippi	0	0	0	0	0	84,209	0	49,896	0	1,027,288	599,632	1,213,684	1,564,195	114,017	207,791	270,332	1,231,340
Missouri	168,096	189,947	85,115	349,210	381,475	711,626	830,064	1,008,692	1,045,000	1,315,740	1,153,575	911,532	1,185,569	2,327,790	2,813,505	2,040,575	1,441,496
Montana	1,199,654	1,850,656	1,493,635	2,105,602	1,975,948	4,713,540	4,097,279	3,443,331	3,742,881	3,309,628	3,132,570	3,566,938	2,841,089	3,359,243	3,466,168	5,587,028	5,328,115
Nebraska	1,276,949	927,985	977,548	1,399,997	1,748,254	2,996,054	2,725,502	2,897,352	2,183,807	3,593,971	2,851,678	2,453,010	3,234,030	3,326,551	2,472,778	3,558,668	4,251,381
Nevada	0	0	0	0	0	10,000	0	0	0	140,823	184,774	188,146	237,064	208,642	204,134	403,079	189,477
New Hampshire	38,005	219,170	113,969	477,066	438,435	98,640	130,904	120,719	72,482	141,692	114,949	113,278	160,563	26,047	66,591	146,922	83,935
New Jersey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	939,291
New Mexico	0	0	0	0	0	81,699	88,062	0	0	0	0	0	0	0	0	0	0
New York	1,869,720	2,117,582	1,779,089	1,748,998	1,383,413	2,265,729	2,605,432	4,885,323	9,014,755	10,578,603	10,612,279	7,919,165	8,731,413	8,293,408	9,199,446	13,447,691	21,697,543
North Carolina	10,568,425	12,625,716	12,878,500	17,944,847	17,947,847	12,239,391	12,050,000	12,225,000	14,972,009	17,220,343	14,132,932	13,961,296	14,123,005	14,078,340	14,087,083	13,906,200	13,949,951
North Dakota	935,619	1,444,526	2,014,848	2,521,725	2,475,547	2,504,192	2,674,205	3,311,263	3,511,678	3,334,741	2,998,472	2,955,514	3,177,142	3,145,930	3,047,748	3,869,805	2,224,713
Ohio	0	0	0	0	0	0	0	200,000	0	0	0	0	0	0	0	0	0
Oklahoma	1,610,660	1,295,705	1,608,677	1,862,336	2,500,477	1,708,188	1,811,266	2,340,454	1,719,116	1,713,695	1,058,791	2,158,072	1,329,150	1,514,338	1,045,149	1,573,195	808,170

Table 8. State government expenditures for agriculture-related R&D, by state: FYs 2009–25

(Dollars)

State	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Oregon	134,857	489,631	532,446	218,038	290,595	384,341	372,579	169,212	669,211	740,878	1,638,762	706,521	205,647	583,164	803,998	599,070	558,850
Pennsylvania	852,734	755,736	640,671	1,512,706	2,033,013	787,000	787,000	1,587,000	1,687,000	1,687,000	3,187,000	3,877,434	2,601,164	3,446,582	5,019,941	5,580,750	5,549,868
Rhode Island	0	0	0	166,820	40,000	0	0	0	43,868	50,000	49,042	45,615	53,000	99,985	150,000	0	0
South Carolina	421,699	0	92,305	62,024	157,702	534,646	498,748	354,516	665,133	931,700	1,013,153	809,303	1,839,876	1,770,038	2,902,813	3,866,729	2,995,971
South Dakota	50,000	25,000	0	75,000	75,000	3,219,622	2,928,142	2,777,400	2,029,617	2,285,632	1,690,563	1,526,155	2,013,292	2,486,260	3,215,229	2,951,252	4,233,806
Tennessee	0	0	0	0	0	0	0	0	0	150,000	0	0	0	0	0	200,000	17,859,376
Texas	1,972,975	3,618,361	2,877,596	2,758,683	2,650,989	3,557,354	808,544	1,761,471	688,365	1,053,502	1,229,300	1,151,413	932,510	1,353,356	2,086,663	758,361	762,519
Utah	1,000,000	3,589	113,336	4,508,902	3,989,111	1,688,670	2,035,321	1,096,257	1,326,188	435,393	0	0	0	305,965	1,317	0	1,000,000
Vermont	0	490,900	652,700	503,308	538,173	384,878	407,694	50,000	0	0	0	0	0	0	0	0	0
Virginia	806,328	2,285,378	2,213,361	1,633,434	1,631,509	730,636	1,120,676	3,142,288	2,679,432	2,560,373	2,765,452	2,445,328	3,118,841	3,267,434	3,598,429	4,378,183	3,783,757
Washington	4,587,406	8,340,489	8,317,099	8,098,988	8,954,794	10,769,035	11,203,711	12,385,554	11,904,380	11,663,031	17,797,227	17,505,768	11,882,329	13,620,631	12,929,594	13,894,197	16,403,158
West Virginia	0	0	151,428	206,137	93,033	0	0	0	0	25,000	25,000	10,000	166,685	244,126	43,500	160,000	10,787
Wisconsin	0	770,721	536,004	864,399	640,941	616,740	841,890	900,573	928,599	838,651	3,518,097	1,060,099	1,558,082	2,539,311	2,447,261	2,599,764	703,261
Wyoming	264,295	176,596	147,226	493,909	452,098	125,000	0	222,087	280,776	528,197	429,282	661,674	531,634	640,504	619,736	757,131	616,635
Puerto Rico[b]	649,048	0	0	507,174	649,048	550,000	683,157	na	na	na	na	na	na	258,249	140,343	141,550	191,857

na = not applicable; did not report to survey.

[a] U.S. total reflects all 50 states and the District of Columbia.
[b] Puerto Rico is not included in U.S. total due to its classification as a U.S. territory.

Note(s):
State R&D expenditures by function were surveyed beginning with the FY 2009 survey. State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

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