

TABLE 96

## Federal obligations for research and development for selected agencies, by state or location: FYs 2004–14

(Dollars in millions)

State or location	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
All locations	109,733	116,586	119,302	124,900	125,092	138,975	138,156	132,794	135,995	122,985	127,927
Alabama	3,036	3,108	2,198	2,248	2,782	3,023	3,477	5,202	5,159	4,716	4,484
Alaska	461	495	212	264	222	247	236	196	159	185	137
Arizona	2,644	2,959	2,460	2,422	2,449	3,142	3,426	2,917	2,405	2,369	1,606
Arkansas	147	165	162	178	145	171	182	179	184	167	191
California	19,259	19,964	26,898	26,987	19,939	26,989	27,227	22,769	18,036	16,181	15,799
Colorado	2,068	2,265	2,189	2,798	2,668	3,862	4,348	3,816	3,745	3,394	3,611
Connecticut	2,123	2,400	1,947	2,117	1,815	2,365	2,193	2,426	2,231	2,517	2,287
Delaware	90	94	113	131	144	225	129	115	109	112	130
District of Columbia	3,329	4,162	4,193	4,278	17,537	4,265	3,890	3,014	3,339	3,908	3,980
Florida	3,265	2,590	3,346	4,078	2,290	3,734	3,142	2,482	2,356	2,282	2,448
Georgia	1,907	2,182	1,751	1,686	1,386	1,958	1,520	1,422	1,133	1,130	1,253
Hawaii	488	600	380	379	348	387	389	404	383	348	326
Idaho	289	290	300	287	355	388	479	430	447	381	598
Illinois	1,880	2,128	2,003	2,145	2,169	2,746	2,631	2,878	2,399	2,327	2,369
Indiana	557	567	583	597	672	1,109	989	903	838	693	771
Iowa	538	488	549	662	635	683	909	695	613	560	512
Kansas	287	358	294	318	300	464	348	368	232	234	187
Kentucky	252	296	240	222	252	319	287	242	308	307	297
Louisiana	447	444	323	419	406	406	331	597	314	278	285
Maine	210	292	229	379	168	194	163	180	248	170	131
Maryland	12,609	12,501	12,747	11,906	13,313	15,971	15,879	15,751	15,598	15,606	16,890
Massachusetts	5,964	6,592	6,876	7,529	6,883	9,047	8,747	7,758	6,279	5,691	6,269
Michigan	1,118	1,177	1,700	1,726	1,866	2,427	2,510	2,153	2,206	1,826	1,853
Minnesota	831	768	1,242	1,387	1,393	1,551	1,063	949	961	940	947
Mississippi	1,599	438	555	434	435	385	422	588	543	568	590
Missouri	3,059	4,202	1,316	1,221	1,111	1,285	1,151	1,193	1,123	1,056	1,039
Montana	189	182	151	654	159	171	139	182	190	135	171
Nebraska	210	193	178	230	205	220	240	262	262	201	234
Nevada	555	593	436	321	313	558	380	478	482	585	510
New Hampshire	422	514	400	340	294	458	350	406	491	296	336
New Jersey	2,274	2,525	2,173	2,192	2,193	2,492	2,853	2,583	2,167	1,727	1,968
New Mexico	3,363	3,593	3,315	3,478	3,503	3,696	3,338	3,456	3,379	3,421	3,714
New York	4,505	5,320	5,368	5,368	4,651	6,242	5,602	5,042	4,727	4,605	4,581
North Carolina	1,684	1,806	1,771	1,828	1,773	2,022	2,151	2,060	1,922	1,759	1,881
North Dakota	109	118	118	116	98	101	120	118	88	90	80

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(Dollars in millions)

State or location	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Ohio	2,794	2,961	2,724	3,661	2,580	4,460	4,099	3,555	3,436	2,426	2,454
Oklahoma	498	401	271	253	261	370	430	463	450	262	317
Oregon	505	650	510	506	581	635	675	711	632	529	602
Pennsylvania	3,731	3,677	3,300	3,360	3,279	4,298	4,963	4,513	3,725	3,295	3,695
Rhode Island	642	889	623	628	644	679	670	610	557	486	555
South Carolina	384	493	374	422	453	662	662	497	555	397	476
South Dakota	70	70	76	62	76	79	75	61	63	57	69
Tennessee	1,382	1,426	1,489	1,908	1,690	2,081	2,105	1,899	2,112	2,119	2,023
Texas	5,507	5,187	5,915	6,693	5,030	6,031	6,896	5,475	5,620	5,234	4,678
Utah	1,184	1,058	846	991	700	1,169	1,709	1,756	972	919	1,222
Vermont	417	263	106	108	121	151	142	124	103	103	116
Virginia	7,298	8,746	8,994	9,088	9,282	9,381	9,112	8,287	8,130	6,488	7,652
Washington	2,311	2,641	4,087	4,751	4,340	4,157	3,915	4,931	2,757	3,433	3,565
West Virginia	316	808	301	219	225	263	313	240	263	171	208
Wisconsin	646	652	636	671	661	886	796	742	734	654	701
Wyoming	48	38	36	37	47	65	37	37	76	41	46
Outlying areas	135	161	161	178	160	237	263	269	193	229	318
Puerto Rico	101	101	99	86	85	96	95	97	71	83	71
Other areas <sup>a</sup>	34	59	62	93	75	141	168	172	122	146	247
Offices abroad <sup>b</sup>	99	97	138	40	87	68	54	36	92	166	38
Undistributed <sup>c</sup>	NA	NA	NA	NA	NA	NA	NA	4,373	20,468	15,211	16,728

NA = not available; data were not collected at that level for that fiscal year.

<sup>a</sup> Other areas includes American Samoa, Baker Island, Guam, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Northern Mariana Islands, Palmyra Atoll, U.S. Virgin Islands, and Wake Island.

<sup>b</sup> Offices abroad includes R&D performed or administered in foreign countries by the U.S. government.

<sup>c</sup> Undistributed include Department of Defense (DOD) obligations for which the location of performance is not reported. It includes DOD obligations for industry R&D that were included in individual state totals prior to FY 2012 and obligations for other performers that were not reported prior to FY 2011.

**Note(s):**

Because of rounding, detail may not add to total. Through volume 70 (FYs 2020–21), 11 agencies were required to report data for this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Health and Human Services, Homeland Security, the Interior, and Transportation; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. Obligations of these 11 agencies represented more than 97% of total federal R&D obligations in FY 2020. Starting with volume 62 (FYs 2012–14), an "undistributed" category was added to the geographic location tables for DOD obligations for which the location of performance is not reported. It includes DOD obligations for industry R&D that were included in individual state totals prior to FY 2012 and DOD obligations for other performers that were not reported prior to FY 2011. This change was applied retroactively to FY 2011 data.

Although the nongeographic historical tables incorporate corrections to previously reported data that have been submitted by reporting agencies, corresponding corrections to geographic distributions are rarely obtainable. Geographic distribution of Department of Defense development funding to industry reflects location of prime contractors and not the numerous subcontractors who perform much of the R&D. FYs 2009 and 2010 obligations include additional funding provided by the American Recovery and Reinvestment Act of 2009. See technical table A-2 for additional notes associated with the agencies listed in this table.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development.