

TABLE 96

Federal obligations for research and development for selected agencies, by state or location: FYs 2003–13

(Dollars in millions)

State or location	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
All locations	101,366	109,733	116,586	119,302	124,900	125,092	138,975	138,156	132,794	135,995	122,985
Alabama	3,212	3,036	3,108	2,198	2,248	2,782	3,023	3,477	5,202	5,159	4,716
Alaska	399	461	495	212	264	222	247	236	196	159	185
Arizona	2,385	2,644	2,959	2,460	2,422	2,449	3,142	3,426	2,917	2,405	2,369
Arkansas	145	147	165	162	178	145	171	182	179	184	167
California	20,170	19,259	19,964	26,898	26,987	19,939	26,989	27,227	22,769	18,036	16,181
Colorado	1,735	2,068	2,265	2,189	2,798	2,668	3,862	4,348	3,816	3,745	3,394
Connecticut	2,068	2,123	2,400	1,947	2,117	1,815	2,365	2,193	2,426	2,231	2,517
Delaware	95	90	94	113	131	144	225	129	115	109	112
District of Columbia	2,986	3,329	4,162	4,193	4,278	17,537	4,265	3,890	3,014	3,339	3,908
Florida	2,854	3,265	2,590	3,346	4,078	2,290	3,734	3,142	2,482	2,356	2,282
Georgia	2,133	1,907	2,182	1,751	1,686	1,386	1,958	1,520	1,422	1,133	1,130
Hawaii	414	488	600	380	379	348	387	389	404	383	348
Idaho	218	289	290	300	287	355	388	479	430	447	381
Illinois	1,935	1,880	2,128	2,003	2,145	2,169	2,746	2,631	2,878	2,399	2,327
Indiana	574	557	567	583	597	672	1,109	989	903	838	693
Iowa	499	538	488	549	662	635	683	909	695	613	560
Kansas	269	287	358	294	318	300	464	348	368	232	234
Kentucky	247	252	296	240	222	252	319	287	242	308	307
Louisiana	453	447	444	323	419	406	406	331	597	314	278
Maine	167	210	292	229	379	168	194	163	180	248	170
Maryland	8,027	12,609	12,501	12,747	11,906	13,313	15,971	15,879	15,751	15,598	15,606
Massachusetts	5,492	5,964	6,592	6,876	7,529	6,883	9,047	8,747	7,758	6,279	5,691
Michigan	1,693	1,118	1,177	1,700	1,726	1,866	2,427	2,510	2,153	2,206	1,826
Minnesota	866	831	768	1,242	1,387	1,393	1,551	1,063	949	961	940
Mississippi	1,181	1,599	438	555	434	435	385	422	588	543	568
Missouri	1,349	3,059	4,202	1,316	1,221	1,111	1,285	1,151	1,193	1,123	1,056
Montana	131	189	182	151	654	159	171	139	182	190	135
Nebraska	168	210	193	178	230	205	220	240	262	262	201
Nevada	419	555	593	436	321	313	558	380	478	482	585
New Hampshire	512	422	514	400	340	294	458	350	406	491	296
New Jersey	2,088	2,274	2,525	2,173	2,192	2,193	2,492	2,853	2,583	2,167	1,727
New Mexico	3,090	3,363	3,593	3,315	3,478	3,503	3,696	3,338	3,456	3,379	3,421
New York	4,382	4,505	5,320	5,368	5,368	4,651	6,242	5,602	5,042	4,727	4,605
North Carolina	1,617	1,684	1,806	1,771	1,828	1,773	2,022	2,151	2,060	1,922	1,759
North Dakota	107	109	118	118	116	98	101	120	118	88	90
Ohio	2,967	2,794	2,961	2,724	3,661	2,580	4,460	4,099	3,555	3,436	2,426
Oklahoma	570	498	401	271	253	261	370	430	463	450	262
Oregon	514	505	650	510	506	581	635	675	711	632	529
Pennsylvania	3,989	3,731	3,677	3,300	3,360	3,279	4,298	4,963	4,513	3,725	3,295
Rhode Island	566	642	889	623	628	644	679	670	610	557	486
South Carolina	454	384	493	374	422	453	662	662	497	555	397
South Dakota	55	70	70	76	62	76	79	75	61	63	57
Tennessee	1,131	1,382	1,426	1,489	1,908	1,690	2,081	2,105	1,899	2,112	2,119
Texas	5,414	5,507	5,187	5,915	6,693	5,030	6,031	6,896	5,475	5,620	5,234
Utah	803	1,184	1,058	846	991	700	1,169	1,709	1,756	972	919
Vermont	201	417	263	106	108	121	151	142	124	103	103
Virginia	6,709	7,298	8,746	8,994	9,088	9,282	9,381	9,112	8,287	8,130	6,488
Washington	2,442	2,311	2,641	4,087	4,751	4,340	4,157	3,915	4,931	2,757	3,433
West Virginia	383	316	808	301	219	225	263	313	240	263	171
Wisconsin	658	646	652	636	671	661	886	796	742	734	654

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(Dollars in millions)

State or location	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Wyoming	43	48	38	36	37	47	65	37	37	76	41
Outlying areas	323	135	161	161	178	160	237	263	269	193	229
Puerto Rico	112	101	101	99	86	85	96	95	97	71	83
Other areas ^a	211	34	59	62	93	75	141	168	172	122	146
Offices abroad ^b	61	99	97	138	40	87	68	54	36	92	166
Undistributed ^c	NA	4,373	20,468	15,211							

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

^a 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.

^b Includes R&D performed or administered in foreign countries by the U.S. government.

^c Undistributed totals 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.