

State Indicators

S-57 Average Annual Federal Small Business Technology Transfer Funding per \$1 Million of Gross Domestic Product

Description

Funds awarded through the federal Small Business Technology Transfer (STTR) program support technological innovation through cooperative R&D between small businesses and research institutions. This indicator represents the extent to which small business firms in a state attract federal support for cooperative R&D and technology transfer efforts.

Phase I awards support small business efforts to establish the technical merit, feasibility, and commercial potential of a proposed research effort. STTR Phase I awards normally do not exceed \$150,000 total costs for 6 months. Phase II awards support businesses to further their R&D toward commercialization. Generally, only Phase I awardees are eligible for a Phase II award. STTR Phase II awards normally do not exceed \$1,000,000 total costs for 2 years.

Because of year-to-year fluctuations, this indicator is calculated using 3-year moving averages. The 3-year average annual STTR award dollars won by small businesses in a state are divided by the 3-year average annual gross domestic product (GDP) for the same period. All data are expressed in current dollars.

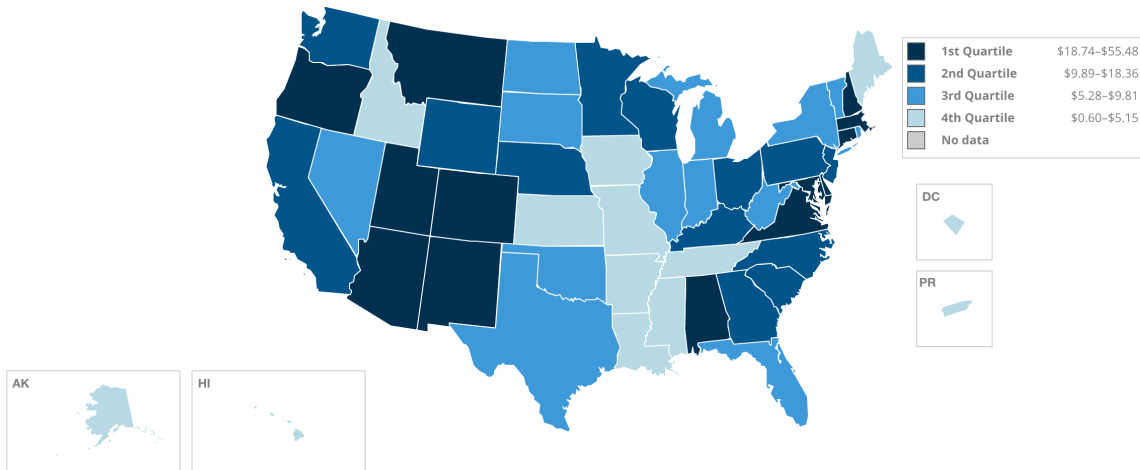
The amount of STTR funding that states receive relative to the size of their economies varies greatly across states, with states in the highest quartile often measuring more than an order of magnitude greater than those in the lowest quartile. Total federal STTR award funding has remained relatively flat since the late 2000s; as GDP has increased, the value of this indicator has decreased nationally and for most states.

Data sources: Small Business Administration, Office of Technology, Small Business Technology Transfer program; U.S. Bureau of Economic Analysis, Gross Domestic Product data; Government of Puerto Rico, Office of the Governor, Gross Domestic Product data.

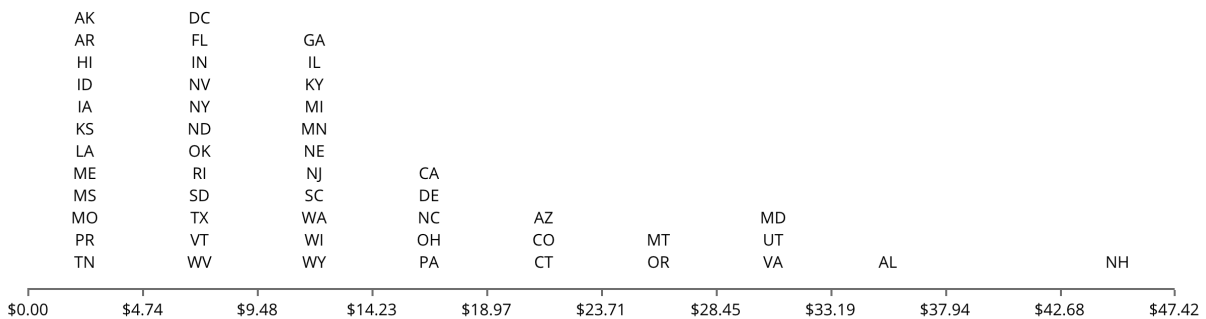
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2014



Distribution of states across indicator values, 2014



Histograms do not display states with extreme values. Please consult the data tables for exact indicator values for each state. State positions on the histogram are based on unrounded values of the indicator and may not always match the rounded values displayed in the table.

State Indicators

Average Annual Federal Small Business Technology Transfer Funding per \$1 Million of Gross Domestic Product

(Dollars)

State	1994	1996	1998	2000	2002	2004	2006	2008	2010	2012
United States	0.08	0.80	4.79	6.58	11.55	17.87	16.78	17.99	16.91	14.60
Alabama	0.00	0.00	12.06	14.09	16.58	21.97	30.65	32.55	42.64	42.14
Alaska	0.00	3.88	9.25	7.04	0.00	0.00	0.00	0.00	0.00	0.00
Arizona	0.00	0.00	2.88	7.66	17.98	24.43	19.67	26.58	18.14	20.27
Arkansas	0.00	0.00	2.09	2.86	6.97	21.80	18.54	14.72	14.06	8.33
California	0.00	1.32	6.25	6.61	15.24	22.73	19.08	20.88	22.52	18.66
Colorado	0.00	1.59	10.03	11.92	22.85	44.85	43.49	43.94	39.55	26.30
Connecticut	0.00	0.48	0.64	3.94	12.13	20.43	16.61	15.68	17.51	15.80
Delaware	0.00	0.00	1.38	2.64	14.48	23.55	36.10	39.96	24.87	20.58
District of Columbia	0.00	0.00	1.35	4.50	10.70	7.64	2.08	0.33	5.46	4.84
Florida	0.00	0.58	2.20	5.41	6.82	9.00	7.04	8.76	9.82	8.37
Georgia	0.00	0.28	2.78	2.76	7.44	10.65	9.16	13.69	10.89	15.62
Hawaii	0.00	0.00	0.84	6.15	12.12	7.29	1.24	12.49	16.75	10.33
Idaho	0.00	0.00	3.10	0.86	7.72	11.77	1.97	3.64	5.47	8.16
Illinois	0.00	0.45	1.93	3.97	5.85	11.48	14.95	12.19	13.63	10.02
Indiana	0.00	0.39	2.48	2.51	6.33	12.34	11.56	18.45	9.58	7.67
Iowa	0.00	0.00	1.11	0.36	1.33	9.18	10.28	14.81	6.99	5.81
Kansas	0.00	0.44	3.78	2.83	3.89	8.95	7.06	6.36	11.38	11.17
Kentucky	0.00	0.32	1.62	4.20	6.31	9.68	16.93	18.71	24.47	16.57
Louisiana	0.00	0.28	0.26	0.24	1.64	3.51	1.88	1.44	1.74	0.31
Maine	0.00	1.07	2.88	5.15	7.82	6.09	6.09	7.25	13.50	4.83
Maryland	0.00	1.40	10.85	12.31	18.10	27.79	38.92	36.40	40.49	28.75
Massachusetts	0.00	3.98	22.13	26.96	51.54	88.20	74.99	74.81	65.41	55.92

State Indicators

State	1994	1996	1998	2000	2002	2004	2006	2008	2010	2012
Michigan	0.00	0.34	3.04	4.54	10.17	12.21	14.32	27.97	26.32	12.61
Minnesota	0.00	0.66	3.65	3.44	8.48	10.05	8.98	9.84	7.63	10.64
Mississippi	0.00	0.00	5.23	0.34	3.93	7.61	4.42	8.14	1.60	4.54
Missouri	0.00	0.14	2.51	3.77	6.56	5.46	8.03	9.33	6.29	4.98
Montana	0.00	0.00	15.57	16.00	43.91	36.76	47.42	80.03	55.20	16.83
Nebraska	0.00	0.00	0.00	1.11	1.50	4.71	6.19	11.41	6.71	8.21
Nevada	0.00	0.56	0.46	0.41	6.99	12.29	7.19	5.53	0.27	4.29
New Hampshire	0.00	0.00	1.64	9.54	17.57	25.97	37.61	52.43	41.81	43.68
New Jersey	0.00	0.76	3.07	5.79	7.86	8.57	9.80	11.92	11.36	9.98
New Mexico	0.00	1.36	8.61	20.05	24.98	35.76	23.76	22.60	27.07	42.26
New York	0.00	0.33	2.19	4.10	6.19	11.20	8.44	9.28	9.17	9.04
North Carolina	0.00	0.34	1.55	6.60	13.22	12.83	13.80	15.12	14.58	16.17
North Dakota	0.00	0.00	0.00	1.73	15.93	11.43	0.79	0.00	1.15	11.59
Ohio	0.00	1.35	8.25	8.91	10.24	18.18	22.17	16.63	13.34	14.15
Oklahoma	0.00	0.00	2.60	5.34	6.69	1.59	2.64	1.24	9.91	10.63
Oregon	0.00	1.27	6.26	6.68	10.40	21.32	17.76	25.31	28.05	24.49
Pennsylvania	1.79	0.97	4.10	6.00	10.38	20.87	22.19	20.47	13.61	11.72
Rhode Island	0.00	1.99	5.28	3.16	7.23	17.10	16.44	43.44	32.03	9.10
South Carolina	0.00	0.00	0.20	3.47	6.52	10.65	6.77	6.34	7.12	11.32
South Dakota	0.00	1.68	8.53	9.33	11.02	15.39	3.80	2.94	0.66	1.69
Tennessee	0.00	1.29	9.29	8.73	7.30	7.02	7.86	10.70	10.12	11.71
Texas	0.00	0.44	1.65	3.49	7.85	13.34	8.84	8.52	8.42	7.21
Utah	0.00	2.88	12.58	13.88	9.61	22.23	19.26	34.56	27.71	19.92
Vermont	0.00	2.14	11.94	13.50	426.09	12.04	35.53	24.08	11.35	3.65
Virginia	0.00	1.90	14.25	20.81	0.82	40.47	44.39	39.10	29.42	28.67
Washington	0.00	0.99	7.32	7.52	10.21	14.70	15.23	9.94	16.29	10.47

State Indicators

State	1994	1996	1998	2000	2002	2004	2006	2008	2010	2012
West Virginia	0.00	0.00	0.80	1.27	35.11	24.00	15.78	4.57	7.31	4.75
Wisconsin	0.00	0.21	2.93	4.44	2.49	16.21	12.56	17.41	13.31	14.91
Wyoming	0.00	2.18	18.29	26.72	24.94	31.98	26.25	25.84	14.01	12.98
Puerto Rico	0.00	0.00	0.56	2.92	0.00	0.00	0.00	1.01	0.97	0.00

Note(s):

The national STTR funding total for the United States includes U.S. territories. The national GDP total for the United States includes Puerto Rico.

Source(s):

Small Business Administration, Office of Technology, Small Business Technology Transfer program statistics (various years), data as of October 2017; Bureau of Economic Analysis, Gross Domestic Product data (various years), data as of May 2018; Government of Puerto Rico, Office of the Governor, Gross Domestic Product data (various years), data as of May 2017.

Recommended Citation: National Science Board. 2018. "Average Annual Federal Small Business Technology Transfer Funding per \$1 Million of Gross Domestic Product." Science and Engineering Indicators 2018, State Indicators. Alexandria, VA: National Science Foundation (NSB-2018-1). <https://www.nsf.gov/statistics/state-indicators/indicator/ave-sttr-funding-per-1-million-state-gdp>

Last updated: September 27, 2018

Science and Engineering Indicators 2018

State Indicators

Average Annual Federal Small Business Technology Transfer Funding per \$1 Million of Gross Domestic Product

(Dollars)

State	2014
United States	14.14
Alabama	35.49
Alaska	1.86
Arizona	20.91
Arkansas	1.67
California	18.36
Colorado	19.37
Connecticut	19.82
Delaware	18.74
District of Columbia	5.15
Florida	6.93
Georgia	10.82
Hawaii	3.40
Idaho	2.29
Illinois	9.75
Indiana	7.89
Iowa	3.07
Kansas	4.05
Kentucky	10.05
Louisiana	1.62
Maine	4.04
Maryland	29.05
Massachusetts	55.48

State Indicators

State	2014
Michigan	9.81
Minnesota	11.73
Mississippi	0.60
Missouri	2.58
Montana	25.52
Nebraska	11.90
Nevada	5.77
New Hampshire	47.32
New Jersey	10.17
New Mexico	55.41
New York	9.21
North Carolina	16.42
North Dakota	7.54
Ohio	16.60
Oklahoma	5.86
Oregon	27.55
Pennsylvania	15.88
Rhode Island	9.14
South Carolina	14.21
South Dakota	5.28
Tennessee	4.58
Texas	5.68
Utah	28.80
Vermont	7.12
Virginia	30.71
Washington	9.89

State Indicators

State	2014
West Virginia	5.67
Wisconsin	10.25
Wyoming	11.78
Puerto Rico	1.45

Note(s):
 The national STTR funding total for the United States includes U.S. territories. The national GDP total for the United States includes Puerto Rico.

Source(s):
 Small Business Administration, Office of Technology, Small Business Technology Transfer program statistics (various years), data as of October 2017; Bureau of Economic Analysis, Gross Domestic Product data (various years), data as of May 2018; Government of Puerto Rico, Office of the Governor, Gross Domestic Product data (various years), data as of May 2017.

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Science and Engineering Indicators 2018

State Indicators

Average STTR funding

State	1994	1996	1998	2000	2002	2004	2006	2008	2010	2012
United States	557	6,827	46,330	69,955	133,935	233,721	240,920	264,377	262,694	244,548
Alabama	0	0	1,381	1,737	2,262	3,429	5,180	5,595	7,693	8,009
Alaska	0	99	233	200	0	0	0	0	0	0
Arizona	0	0	447	1,322	3,454	5,537	5,031	6,600	4,623	5,515
Arkansas	0	0	138	204	553	1,965	1,805	1,476	1,497	949
California	0	1,407	7,839	9,191	23,371	40,082	37,010	40,804	46,033	41,769
Colorado	0	216	1,661	2,236	4,541	9,817	10,621	11,065	10,399	7,584
Connecticut	0	67	100	686	2,273	4,304	3,856	3,691	4,134	3,818
Delaware	0	0	57	123	716	1,269	2,025	2,266	1,476	1,290
District of Columbia	0	0	77	291	788	637	193	33	585	545
Florida	0	234	1,025	2,864	4,084	6,258	5,316	6,440	7,336	6,675
Georgia	0	67	796	873	2,556	4,107	3,766	5,608	4,631	7,147
Hawaii	0	0	33	267	600	424	80	834	1,177	772
Idaho	0	0	107	33	317	557	106	200	310	496
Illinois	0	186	897	1,996	3,126	6,760	9,522	7,858	9,290	7,295
Indiana	0	67	485	524	1,431	3,044	3,084	5,030	2,789	2,397
Iowa	0	0	100	35	144	1,130	1,382	2,056	1,045	952
Kansas	0	33	313	253	373	947	857	807	1,542	1,611
Kentucky	0	33	183	498	813	1,393	2,632	3,001	4,200	3,004
Louisiana	0	33	33	33	256	677	398	318	412	75
Maine	0	33	100	200	333	283	300	367	700	260
Maryland	0	222	1,967	2,524	4,174	7,303	11,144	11,035	13,110	9,805
Massachusetts	0	926	5,927	8,005	16,311	30,449	28,119	29,271	27,343	24,902
Michigan	0	100	1,016	1,614	3,808	4,775	5,638	10,558	10,539	5,428

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State	1994	1996	1998	2000	2002	2004	2006	2008	2010	2012
Minnesota	0	104	649	677	1,840	2,429	2,315	2,599	2,150	3,243
Mississippi	0	0	333	23	289	623	405	778	157	468
Missouri	0	22	451	726	1,352	1,223	1,936	2,352	1,635	1,369
Montana	0	0	328	368	1,138	1,122	1,672	2,971	2,243	733
Nebraska	0	0	0	66	100	348	504	1,004	658	878
Nevada	0	33	33	33	658	1,443	932	683	33	553
New Hampshire	0	0	70	450	908	1,485	2,291	3,282	2,736	3,011
New Jersey	0	229	1,048	2,184	3,211	3,808	4,695	5,813	5,669	5,286
New Mexico	0	67	456	1,136	1,602	2,655	1,942	1,923	2,396	3,882
New York	0	231	1,723	3,558	5,685	11,418	9,301	10,727	11,414	12,120
North Carolina	0	78	409	1,910	4,167	4,605	5,514	6,244	6,232	7,375
North Dakota	0	0	0	33	349	283	23	0	50	645
Ohio	0	456	3,131	3,589	4,419	8,477	10,830	8,156	7,015	8,069
Oklahoma	0	0	223	513	712	200	387	186	1,612	1,981
Oregon	0	127	690	791	1,356	3,223	3,052	4,666	5,498	4,863
Pennsylvania	557	341	1,604	2,547	4,767	10,549	12,319	11,941	8,390	7,750
Rhode Island	0	57	172	115	296	783	786	2,091	1,602	476
South Carolina	0	0	22	417	854	1,530	1,068	1,029	1,208	2,065
South Dakota	0	33	183	229	313	483	133	110	27	75
Tennessee	0	200	1,618	1,636	1,502	1,603	1,915	2,668	2,677	3,376
Texas	0	264	1,139	2,686	6,629	13,283	10,345	10,381	11,298	11,019
Utah	0	164	829	1,017	773	2,123	2,173	3,998	3,415	2,672
Vermont	0	33	206	261	9,129	283	884	623	312	105
Virginia	0	411	3,578	5,867	254	14,433	17,321	15,993	12,662	12,897
Washington	0	189	1,654	1,819	2,646	4,331	5,164	3,521	6,075	4,265
West Virginia	0	0	33	56	1,657	1,279	938	295	510	343



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State	1994	1996	1998	2000	2002	2004	2006	2008	2010	2012
Wisconsin	0	33	507	841	513	3,663	3,032	4,309	3,494	4,202
Wyoming	0	33	293	494	532	891	979	1,026	564	531
Puerto Rico	0	0	33	200	0	0	0	97	97	0

Science and Engineering Indicators 2018

State Indicators

Average STTR funding

State	2014
United States	255,215
Alabama	7,075
Alaska	100
Arizona	6,125
Arkansas	200
California	45,838
Colorado	6,100
Connecticut	4,988
Delaware	1,294
District of Columbia	625
Florida	6,135
Georgia	5,474
Hawaii	276
Idaho	151
Illinois	7,563
Indiana	2,643
Iowa	551
Kansas	614
Kentucky	1,917
Louisiana	390
Maine	232
Maryland	10,623
Massachusetts	26,926
Michigan	4,586

State Indicators

State	2014
Minnesota	3,841
Mississippi	64
Missouri	749
Montana	1,172
Nebraska	1,377
Nevada	814
New Hampshire	3,538
New Jersey	5,705
New Mexico	5,187
New York	13,358
North Carolina	8,186
North Dakota	425
Ohio	10,129
Oklahoma	1,112
Oregon	5,924
Pennsylvania	11,221
Rhode Island	510
South Carolina	2,864
South Dakota	249
Tennessee	1,449
Texas	9,144
Utah	4,301
Vermont	216
Virginia	14,642
Washington	4,476
West Virginia	414



State Indicators

State	2014
Wisconsin	3,107
Wyoming	467
Puerto Rico	150

Science and Engineering Indicators 2018

State Indicators

Average state GDP

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
United States	5,920,316	6,553,664	7,363,886	8,488,872	9,672,085	10,630,676	11,593,313	13,080,020	14,353,803	14,698,296
Alabama	76,304	85,307	95,354	104,744	114,483	123,238	136,417	156,069	169,012	171,890
Alaska	23,359	23,214	25,264	25,522	25,189	28,390	32,332	39,979	49,779	53,353
Arizona	75,557	90,785	109,937	131,956	155,275	172,602	192,142	226,651	255,741	248,298
Arkansas	41,757	48,000	54,668	60,306	65,933	71,252	79,377	90,140	97,354	100,270
California	790,288	831,722	912,374	1,068,353	1,254,040	1,390,142	1,533,275	1,763,766	1,939,990	1,953,976
Colorado	80,880	95,823	112,765	135,478	165,626	187,555	198,707	218,872	244,218	251,809
Connecticut	102,468	108,851	121,813	138,951	157,208	174,104	187,319	210,666	232,090	235,434
Delaware	21,527	24,018	27,505	33,007	41,163	46,533	49,437	53,875	56,087	56,705
District of Columbia	41,435	45,066	47,191	51,132	57,196	64,669	73,627	83,374	92,571	99,873
Florida	269,644	305,414	348,343	401,988	465,603	529,866	599,004	695,238	754,769	735,058
Georgia	149,489	173,239	203,794	242,294	286,068	316,872	343,517	385,537	411,257	409,642
Hawaii	34,340	36,752	37,761	37,889	39,427	43,381	49,491	58,127	64,652	66,766
Idaho	19,163	23,062	27,377	29,918	34,553	38,241	41,070	47,314	53,839	54,998
Illinois	291,243	324,762	365,309	416,546	465,026	502,916	534,674	588,881	636,865	644,735
Indiana	116,737	133,386	150,696	172,768	195,702	208,847	226,118	246,731	266,718	272,601
Iowa	58,645	65,139	74,039	82,798	89,706	96,982	108,298	123,112	134,433	138,836
Kansas	54,252	59,720	66,067	74,656	82,877	89,384	95,854	105,829	121,323	126,879
Kentucky	72,541	82,265	92,059	103,860	113,210	118,644	128,929	143,891	155,474	160,380
Louisiana	94,037	97,292	112,267	119,476	126,683	137,521	155,923	192,855	211,914	220,752
Maine	23,655	25,358	27,984	30,703	34,693	38,809	42,566	46,492	49,237	50,603
Maryland	115,933	126,120	139,135	159,130	181,326	205,009	230,561	262,760	286,295	303,148
Massachusetts	162,556	175,557	197,583	232,474	267,839	296,966	316,495	345,229	374,955	391,265
Michigan	200,959	229,970	259,473	295,765	334,221	355,555	374,467	391,127	393,781	377,479

State Indicators

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
Minnesota	107,792	120,211	136,390	157,000	177,973	196,812	217,050	241,710	257,748	264,134
Mississippi	41,210	47,651	54,682	59,112	63,681	67,538	73,608	81,916	91,616	95,538
Missouri	109,339	121,587	139,628	160,602	179,344	192,728	205,997	224,164	241,165	252,130
Montana	14,018	16,018	17,567	19,174	21,069	22,997	25,916	30,523	35,259	37,124
Nebraska	35,854	40,357	45,874	50,758	54,619	59,674	66,505	73,882	81,449	88,022
Nevada	33,273	40,421	49,614	59,274	71,047	81,339	94,185	117,386	129,614	123,426
New Hampshire	24,954	27,628	31,876	37,574	42,733	47,192	51,693	57,185	60,920	62,602
New Jersey	222,349	240,912	264,411	302,576	340,849	377,179	408,480	444,370	479,265	487,709
New Mexico	29,844	37,066	42,788	49,170	52,960	56,668	64,124	74,248	81,733	85,078
New York	503,411	537,510	586,044	691,327	788,219	866,839	918,187	1,019,894	1,102,012	1,155,514
North Carolina	148,454	169,544	192,857	226,925	263,325	289,505	315,273	358,876	399,691	412,983
North Dakota	12,032	13,416	15,212	16,388	17,231	19,069	21,906	24,766	29,265	33,729
Ohio	237,346	264,062	296,861	337,859	379,642	402,763	431,359	466,228	488,589	490,420
Oklahoma	59,882	65,337	71,809	79,125	85,912	96,107	106,429	125,585	146,558	149,986
Oregon	59,800	69,398	83,418	99,957	110,275	118,471	130,385	151,142	171,813	184,359
Pennsylvania	256,764	282,718	311,531	350,990	390,972	424,157	459,452	505,414	555,096	583,353
Rhode Island	22,022	23,528	25,453	28,624	32,593	36,414	40,950	45,796	47,799	48,134
South Carolina	68,335	76,689	86,688	97,928	110,185	120,240	130,930	143,679	157,832	162,270
South Dakota	13,797	16,107	18,268	19,699	21,466	24,540	28,391	31,387	34,977	37,370
Tennessee	102,318	120,374	136,706	155,033	174,146	187,319	205,713	228,216	243,690	249,357
Texas	396,306	445,389	511,743	606,163	690,950	768,860	844,016	995,995	1,170,299	1,217,767
Utah	33,451	38,941	47,118	56,893	65,913	73,247	80,454	95,492	112,804	115,675
Vermont	11,982	13,085	14,084	15,440	17,251	19,336	21,425	23,507	24,878	25,876
Virginia	151,685	167,912	187,016	216,856	251,166	281,974	311,547	356,596	390,183	408,994
Washington	126,335	142,591	157,471	190,948	226,040	241,886	259,217	294,530	338,994	354,123
West Virginia	29,085	32,294	35,988	38,565	41,479	44,057	47,200	53,281	59,442	64,567



State Indicators

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
Wisconsin	105,994	120,811	136,064	154,461	173,286	189,337	205,712	226,034	241,322	247,472
Wyoming	12,954	13,680	14,810	15,140	16,022	18,491	21,331	27,865	37,292	39,701
Puerto Rico	32,964	37,603	43,158	49,896	58,690	68,460	76,277	83,838	90,146	96,135

Science and Engineering Indicators 2018

State Indicators

Average state GDP

State	2010	2012	2014
United States	15,535,771	16,745,583	18,046,712
Alabama	180,418	190,054	199,324
Alaska	57,928	59,630	53,727
Arizona	254,851	272,077	292,915
Arkansas	106,488	113,878	119,436
California	2,044,461	2,238,004	2,496,242
Colorado	262,964	288,363	314,946
Connecticut	236,074	241,683	251,706
Delaware	59,345	62,678	69,039
District of Columbia	107,085	112,658	121,320
Florida	746,896	797,634	885,127
Georgia	425,223	457,478	505,829
Hawaii	70,258	74,732	81,280
Idaho	56,702	60,756	65,865
Illinois	681,541	728,193	775,531
Indiana	291,275	312,398	334,897
Iowa	149,595	163,986	179,372
Kansas	135,463	144,268	151,617
Kentucky	171,618	181,341	190,734
Louisiana	236,741	239,878	241,101
Maine	51,842	53,795	57,391
Maryland	323,761	340,997	365,671
Massachusetts	418,011	445,321	485,288
Michigan	400,386	430,533	467,472

State Indicators

State	2010	2012	2014
Minnesota	281,751	304,877	327,538
Mississippi	98,043	103,148	106,604
Missouri	259,778	274,897	290,458
Montana	40,637	43,560	45,919
Nebraska	98,046	106,969	115,742
Nevada	123,866	128,905	141,123
New Hampshire	65,440	68,936	74,769
New Jersey	499,045	529,503	560,873
New Mexico	88,495	91,853	93,603
New York	1,245,157	1,340,942	1,449,985
North Carolina	427,444	456,192	498,579
North Dakota	43,620	55,659	56,366
Ohio	525,952	570,094	610,340
Oklahoma	162,695	186,316	189,909
Oregon	196,007	198,561	215,029
Pennsylvania	616,656	661,128	706,460
Rhode Island	50,021	52,311	55,817
South Carolina	169,622	182,424	201,611
South Dakota	41,162	44,419	47,175
Tennessee	264,650	288,371	316,074
Texas	1,342,008	1,529,113	1,608,816
Utah	123,254	134,127	149,336
Vermont	27,501	28,768	30,337
Virginia	430,393	449,874	476,711
Washington	372,922	407,242	452,454
West Virginia	69,723	72,261	72,961



State Indicators

State	2010	2012	2014
Wisconsin	262,586	281,749	303,110
Wyoming	40,268	40,897	39,640
Puerto Rico	100,099	102,154	103,542

Science and Engineering Indicators 2018