

State Indicators

S-55 Average Annual Federal Small Business Innovation Research and Small Business Technology Transfer Funding per \$1 Million of Gross Domestic Product

Description

Funds awarded through the federal Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs support R&D and technological innovation in companies with 500 or fewer employees. This indicator represents the extent to which small business firms in a state are pursuing research projects that meet federal R&D needs and attract federal support.

Phase I awards support small business efforts to establish the technical merit, feasibility, and commercial potential of a proposed research effort. SBIR and 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. SBIR and STTR Phase II awards normally do not exceed \$1,000,000 total costs for 2 years. The total award dollars include both Phase I and Phase II SBIR and STTR awards.

Because of year-to-year fluctuations, this indicator is calculated using 3-year moving averages. The 3-year average annual SBIR and 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.

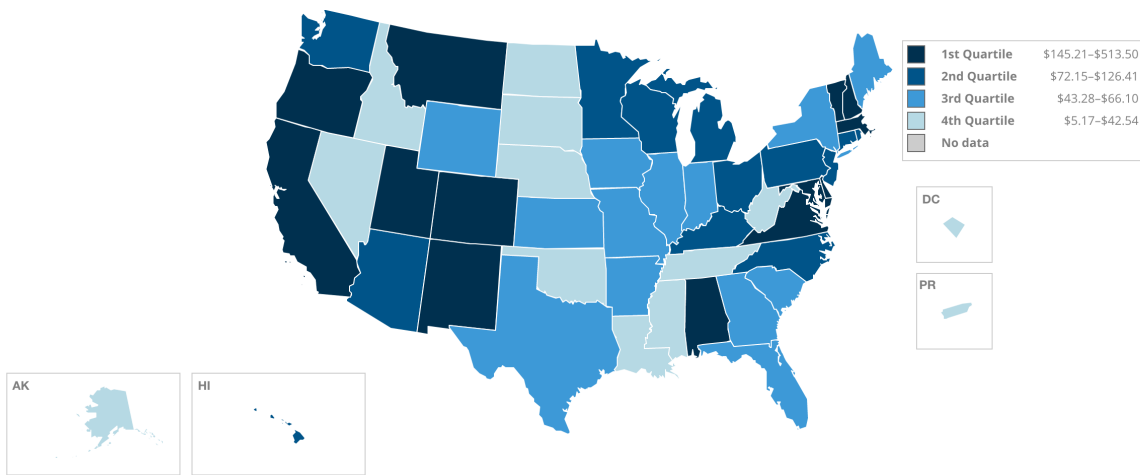
The amount of SBIR/STTR funding that states receive relative to the size of their economies varies greatly across states, with states in the highest quartile often measuring more than an order of magnitude greater than those in the lowest quartile. Total federal SBIR/STTR award funding has remained relatively 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 and Small Business Innovation Research program statistics; U.S. Bureau of Economic Analysis, Gross Domestic Product data; Government of Puerto Rico, Office of the Governor, Gross Domestic Product data.

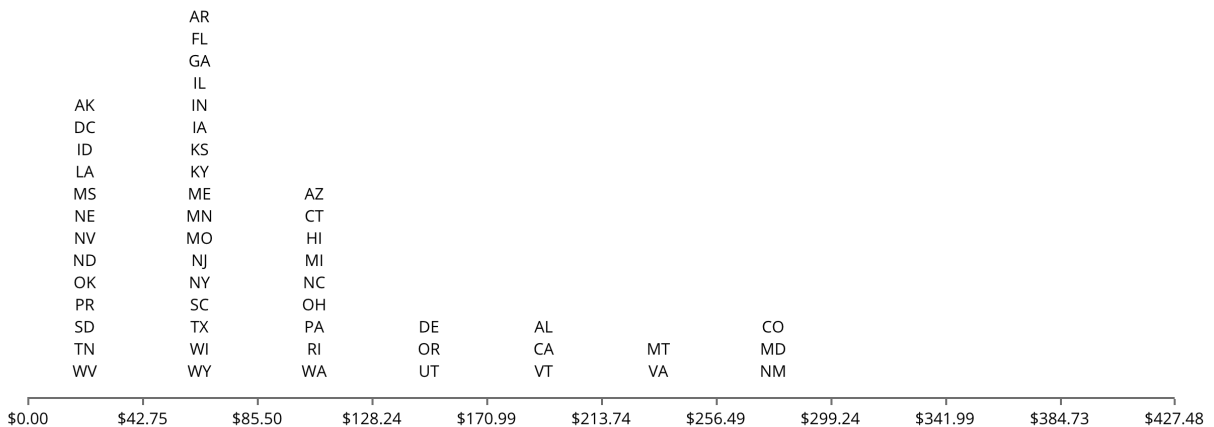
State Indicators

S-55 Average Annual Federal Small Business Innovation Research and Small Business Technology Transfer Funding per \$1 Million of Gross Domestic Product

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 Innovation Research and Small Business Technology Transfer Funding per \$1 Million of Gross Domestic Product

(Dollars)

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
United States	79.58	88.22	111.19	121.53	114.79	122.84	167.31	180.65	154.77	164.88
Alabama	102.71	109.10	170.02	209.40	180.46	203.33	266.79	299.84	292.65	280.79
Alaska	8.01	7.06	14.41	15.79	21.87	23.95	15.31	9.23	18.44	23.54
Arizona	70.69	83.79	100.21	136.46	134.44	155.31	173.09	189.19	149.88	163.39
Arkansas	12.31	10.85	5.67	7.58	23.98	26.20	48.07	106.84	96.19	92.72
California	142.98	159.46	206.67	215.65	179.78	190.79	260.26	267.27	215.36	236.83
Colorado	167.99	223.45	273.60	307.88	342.72	339.24	443.70	486.61	439.35	452.62
Connecticut	161.52	194.36	227.42	204.32	132.35	118.37	173.45	160.52	129.69	154.97
Delaware	63.04	73.32	121.07	114.82	94.04	102.27	103.04	148.70	167.67	172.49
District of Columbia	17.55	31.78	37.42	43.26	65.60	82.88	94.10	62.44	44.13	22.17
Florida	38.42	37.90	44.53	52.37	49.23	55.13	73.88	80.20	74.61	80.49
Georgia	21.71	21.64	22.39	34.41	42.20	41.74	55.63	62.32	58.24	70.61
Hawaii	60.89	67.07	76.80	79.42	91.71	91.81	129.44	159.34	133.59	152.97
Idaho	13.25	16.35	32.69	22.23	32.04	62.71	101.78	110.37	71.18	51.75
Illinois	31.57	27.43	26.15	32.27	36.30	39.33	49.76	56.85	63.07	73.76
Indiana	14.67	14.87	25.20	28.64	28.38	31.47	55.85	80.28	74.80	92.59
Iowa	24.44	8.35	4.21	9.82	18.52	31.14	46.34	45.18	45.17	52.81
Kansas	9.64	16.86	36.99	35.12	44.50	45.43	57.46	62.69	45.95	36.11
Kentucky	4.36	9.19	16.99	24.77	21.92	31.84	39.16	40.30	53.28	82.40
Louisiana	9.73	11.43	13.12	14.15	11.73	19.04	22.22	29.38	19.41	27.53
Maine	38.68	71.85	72.83	50.45	59.03	84.98	141.59	211.22	156.79	95.61
Maryland	189.84	227.78	262.46	283.96	296.32	307.33	438.00	427.48	345.04	404.27

State Indicators

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
Massachusetts	476.81	533.80	629.23	679.09	636.66	640.15	849.45	911.95	748.03	783.77
Michigan	40.60	45.67	61.21	84.11	66.48	63.91	104.33	136.25	140.83	173.42
Minnesota	64.73	58.78	103.70	102.06	78.65	94.95	124.66	116.07	113.49	125.55
Mississippi	8.76	8.27	13.20	13.16	29.51	37.71	48.13	49.45	17.70	30.21
Missouri	19.66	15.18	11.45	22.60	34.41	29.54	42.80	53.96	47.61	54.03
Montana	29.68	66.80	106.51	83.13	187.48	313.74	330.72	336.86	285.94	256.06
Nebraska	24.38	28.25	11.34	17.71	30.04	38.96	46.58	58.88	36.73	57.11
Nevada	65.70	35.35	21.55	35.31	26.22	53.46	90.48	76.47	38.44	39.81
New Hampshire	196.64	289.74	352.30	378.11	300.66	342.92	463.10	471.50	562.52	552.08
New Jersey	64.34	81.69	101.13	98.05	93.41	99.55	130.32	132.24	109.63	133.39
New Mexico	359.70	345.95	352.48	364.04	375.28	372.19	395.28	411.70	349.06	366.09
New York	47.22	54.11	68.93	62.70	57.25	60.34	91.82	104.48	91.58	108.22
North Carolina	38.04	40.38	46.98	57.36	55.35	62.62	86.51	106.67	106.28	130.11
North Dakota	7.98	26.01	38.39	36.61	64.42	101.37	105.40	86.57	32.94	61.58
Ohio	51.31	59.83	92.51	112.18	126.80	135.28	177.33	215.19	189.68	171.95
Oklahoma	18.47	18.14	21.32	30.91	38.14	44.02	77.23	77.02	52.14	48.18
Oregon	109.46	113.27	150.42	158.50	140.75	131.14	165.82	224.85	175.10	191.93
Pennsylvania	60.43	63.50	82.34	101.62	97.27	106.22	160.58	196.70	176.95	155.66
Rhode Island	67.75	81.73	74.45	77.84	78.48	121.16	207.74	205.48	168.94	185.54
South Carolina	0.83	1.02	8.11	13.85	21.04	47.77	67.78	65.69	35.53	55.91
South Dakota	1.23	2.05	24.36	45.03	67.55	57.58	56.46	31.45	18.84	22.13
Tennessee	54.46	50.52	64.51	60.99	57.19	61.96	57.05	64.04	66.74	65.83
Texas	36.45	40.04	54.87	60.52	59.08	62.44	100.43	114.38	82.42	73.02
Utah	196.35	214.25	161.85	165.71	158.54	170.14	190.10	186.58	154.10	156.39
Vermont	97.73	90.33	206.90	189.25	205.44	166.32	254.10	269.37	257.78	281.88
Virginia	151.68	177.60	260.93	286.63	256.77	282.22	364.10	376.69	380.74	380.47

State Indicators

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
Washington	73.53	90.55	128.98	129.72	123.82	132.50	196.79	196.90	154.74	142.68
West Virginia	7.91	0.53	2.47	17.14	31.49	52.52	141.93	128.43	61.10	46.88
Wisconsin	34.17	34.56	50.44	54.28	55.58	67.53	98.19	117.38	113.45	137.54
Wyoming	7.72	0.80	9.93	74.04	84.45	149.05	138.30	131.67	103.24	68.36
Puerto Rico	2.55	0.00	0.00	1.04	4.58	6.12	2.83	5.40	0.09	2.26

Note(s):

The national SBIR and 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 and Small Business Innovation Research 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 Innovation Research and 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-sbir-and-sttr-funding-per-1-million-state-gdp>

Last updated: September 27, 2018

Science and Engineering Indicators 2018

State Indicators

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

(Dollars)

State	2010	2012	2014
United States	156.00	134.59	116.80
Alabama	256.27	231.43	210.86
Alaska	15.31	14.74	12.34
Arizona	173.20	147.36	115.97
Arkansas	83.86	73.43	48.97
California	232.50	213.23	177.10
Colorado	395.32	292.19	286.28
Connecticut	142.74	117.08	124.31
Delaware	176.70	144.04	145.21
District of Columbia	16.70	23.83	32.27
Florida	84.24	75.25	60.69
Georgia	65.60	76.45	52.76
Hawaii	154.59	123.67	90.85
Idaho	95.25	61.28	29.35
Illinois	72.23	62.64	57.97
Indiana	72.00	69.40	56.12
Iowa	41.18	49.34	49.43
Kansas	40.84	53.48	44.17
Kentucky	82.25	88.89	72.15
Louisiana	21.26	15.53	11.27
Maine	107.79	50.21	49.33
Maryland	364.64	330.54	289.88

State Indicators

State	2010	2012	2014
Massachusetts	711.17	590.44	502.33
Michigan	159.14	107.32	107.33
Minnesota	99.74	101.10	83.95
Mississippi	21.55	6.28	7.89
Missouri	56.06	48.63	43.28
Montana	253.76	232.76	245.41
Nebraska	67.88	44.23	29.31
Nevada	45.19	48.79	35.70
New Hampshire	519.07	534.86	513.50
New Jersey	119.08	96.96	80.29
New Mexico	342.31	320.39	298.05
New York	95.23	78.08	66.10
North Carolina	132.97	123.39	107.79
North Dakota	50.87	26.99	16.09
Ohio	181.86	150.50	126.41
Oklahoma	61.11	42.97	29.12
Oregon	222.09	200.82	158.43
Pennsylvania	155.11	130.47	123.77
Rhode Island	178.35	151.56	120.50
South Carolina	54.37	55.00	65.69
South Dakota	20.46	31.88	42.54
Tennessee	66.68	52.88	39.17
Texas	71.35	61.50	52.10
Utah	132.61	183.11	156.58
Vermont	245.45	220.04	202.36
Virginia	335.39	267.80	243.90

State Indicators

State	2010	2012	2014
Washington	138.10	104.16	92.16
West Virginia	48.74	31.75	21.27
Wisconsin	129.41	106.77	74.63
Wyoming	73.68	62.87	64.18
Puerto Rico	2.17	0.49	5.17

Note(s):

The national SBIR and 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 and Small Business Innovation Research 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 Innovation Research and 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-sbir-and-sttr-funding-per-1-million-state-gdp>

Last updated: September 27, 2018

Science and Engineering Indicators 2018

State Indicators

Average SBIR and STTR funding

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
United States	471,155	578,173	818,781	1,031,649	1,110,285	1,305,847	1,939,703	2,362,913	2,221,572	2,423,459
Alabama	7,837	9,307	16,212	21,933	20,660	25,058	36,395	46,795	49,462	48,265
Alaska	187	164	364	403	551	680	495	369	918	1,256
Arizona	5,341	7,607	11,017	18,007	20,875	26,807	33,258	42,881	38,330	40,570
Arkansas	514	521	310	457	1,581	1,867	3,816	9,631	9,364	9,297
California	112,993	132,628	188,556	230,386	225,447	265,221	399,049	471,398	417,796	462,767
Colorado	13,587	21,412	30,852	41,711	56,764	63,627	88,166	106,505	107,298	113,974
Connecticut	16,551	21,156	27,703	28,391	20,807	20,609	32,490	33,816	30,099	36,486
Delaware	1,357	1,761	3,330	3,790	3,871	4,759	5,094	8,011	9,404	9,781
District of Columbia	727	1,432	1,766	2,212	3,752	5,360	6,928	5,206	4,085	2,214
Florida	10,360	11,575	15,512	21,053	22,922	29,212	44,254	55,761	56,313	59,168
Georgia	3,245	3,749	4,563	8,338	12,073	13,226	19,110	24,026	23,952	28,924
Hawaii	2,091	2,465	2,900	3,009	3,616	3,983	6,406	9,262	8,637	10,213
Idaho	254	377	895	665	1,107	2,398	4,180	5,222	3,832	2,846
Illinois	9,194	8,909	9,554	13,441	16,882	19,779	26,603	33,475	40,167	47,557
Indiana	1,713	1,984	3,798	4,948	5,554	6,572	12,628	19,807	19,951	25,241
Iowa	1,433	544	312	813	1,661	3,020	5,019	5,562	6,073	7,332
Kansas	523	1,007	2,444	2,622	3,688	4,061	5,508	6,634	5,575	4,582
Kentucky	316	756	1,564	2,573	2,481	3,778	5,049	5,799	8,284	13,215
Louisiana	915	1,112	1,473	1,690	1,486	2,619	3,465	5,666	4,113	6,078
Maine	915	1,822	2,038	1,549	2,048	3,298	6,027	9,820	7,720	4,838
Maryland	22,009	28,727	36,517	45,186	53,731	63,005	100,985	112,325	98,783	122,554
Massachusetts	77,509	93,712	124,325	157,871	170,523	190,104	268,846	314,830	280,477	306,662
Michigan	8,159	10,503	15,883	24,876	22,219	22,724	39,068	53,291	55,455	65,464

State Indicators

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
Minnesota	6,977	7,066	14,144	16,024	13,998	18,688	27,058	28,055	29,253	33,162
Mississippi	361	394	722	778	1,879	2,547	3,543	4,051	1,622	2,886
Missouri	2,150	1,846	1,599	3,629	6,172	5,693	8,817	12,096	11,482	13,623
Montana	416	1,070	1,871	1,594	3,950	7,215	8,571	10,282	10,082	9,506
Nebraska	874	1,140	520	899	1,641	2,325	3,098	4,350	2,992	5,027
Nevada	2,186	1,429	1,069	2,093	1,863	4,348	8,522	8,977	4,982	4,913
New Hampshire	4,907	8,005	11,230	14,207	12,848	16,183	23,939	26,963	34,269	34,561
New Jersey	14,306	19,681	26,739	29,667	31,838	37,550	53,234	58,763	52,543	65,055
New Mexico	10,735	12,823	15,082	17,900	19,875	21,091	25,347	30,568	28,530	31,146
New York	23,769	29,086	40,394	43,347	45,129	52,308	84,312	106,559	100,918	125,055
North Carolina	5,647	6,846	9,060	13,016	14,575	18,130	27,273	38,281	42,478	53,734
North Dakota	96	349	584	600	1,110	1,933	2,309	2,144	964	2,077
Ohio	12,178	15,800	27,463	37,901	48,137	54,487	76,492	100,326	92,678	84,327
Oklahoma	1,106	1,185	1,531	2,446	3,277	4,231	8,220	9,672	7,641	7,226
Oregon	6,546	7,861	12,548	15,843	15,521	15,536	21,620	33,985	30,085	35,384
Pennsylvania	15,516	17,954	25,651	35,669	38,029	45,053	73,781	99,413	98,225	90,803
Rhode Island	1,492	1,923	1,895	2,228	2,558	4,412	8,507	9,410	8,075	8,931
South Carolina	57	78	703	1,356	2,318	5,744	8,874	9,438	5,608	9,072
South Dakota	17	33	445	887	1,450	1,413	1,603	987	659	827
Tennessee	5,572	6,081	8,819	9,455	9,960	11,607	11,735	14,615	16,263	16,416
Texas	14,444	17,832	28,078	36,688	40,824	48,004	84,763	113,920	96,458	88,927
Utah	6,568	8,343	7,626	9,428	10,450	12,462	15,294	17,817	17,383	18,090
Vermont	1,171	1,182	2,914	2,922	3,544	3,216	5,444	6,332	6,413	7,294
Virginia	23,007	29,821	48,799	62,158	64,492	79,579	113,433	134,326	148,559	155,609
Washington	9,289	12,912	20,311	24,770	27,988	32,049	51,012	57,992	52,457	50,527
West Virginia	230	17	89	661	1,306	2,314	6,699	6,843	3,632	3,027



State Indicators

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
Wisconsin	3,622	4,175	6,863	8,384	9,631	12,785	20,199	26,533	27,378	34,038
Wyoming	100	11	147	1,121	1,353	2,756	2,950	3,669	3,850	2,714
Puerto Rico	84	0	0	52	269	419	216	453	8	217

Science and Engineering Indicators 2018

State Indicators

Average SBIR and STTR funding

State	2010	2012	2014
United States	2,423,549	2,253,773	2,107,836
Alabama	46,235	43,984	42,029
Alaska	887	879	663
Arizona	44,141	40,093	33,969
Arkansas	8,930	8,362	5,849
California	475,347	477,213	442,096
Colorado	103,954	84,258	90,162
Connecticut	33,697	28,297	31,290
Delaware	10,486	9,028	10,025
District of Columbia	1,788	2,685	3,915
Florida	62,918	60,022	53,719
Georgia	27,893	34,976	26,686
Hawaii	10,861	9,242	7,384
Idaho	5,401	3,723	1,933
Illinois	49,227	45,612	44,960
Indiana	20,972	21,681	18,793
Iowa	6,161	8,091	8,867
Kansas	5,532	7,715	6,697
Kentucky	14,115	16,119	13,761
Louisiana	5,034	3,726	2,718
Maine	5,588	2,701	2,831
Maryland	118,055	112,713	106,001
Massachusetts	297,275	262,937	243,776
Michigan	63,718	46,206	50,174

State Indicators

State	2010	2012	2014
Minnesota	28,103	30,823	27,496
Mississippi	2,113	648	841
Missouri	14,562	13,369	12,570
Montana	10,312	10,139	11,269
Nebraska	6,655	4,731	3,392
Nevada	5,598	6,289	5,038
New Hampshire	33,968	36,871	38,394
New Jersey	59,424	51,338	45,033
New Mexico	30,293	29,429	27,898
New York	118,582	104,696	95,841
North Carolina	56,836	56,288	53,744
North Dakota	2,219	1,502	907
Ohio	95,652	85,799	77,151
Oklahoma	9,942	8,006	5,531
Oregon	43,531	39,876	34,068
Pennsylvania	95,648	86,260	87,442
Rhode Island	8,921	7,928	6,726
South Carolina	9,222	10,034	13,244
South Dakota	842	1,416	2,007
Tennessee	17,646	15,248	12,382
Texas	95,752	94,041	83,822
Utah	16,345	24,560	23,383
Vermont	6,750	6,330	6,139
Virginia	144,349	120,476	116,268
Washington	51,500	42,420	41,700
West Virginia	3,398	2,294	1,552



State Indicators

State	2010	2012	2014
Wisconsin	33,981	30,081	22,621
Wyoming	2,967	2,571	2,544
Puerto Rico	217	50	535

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