

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.

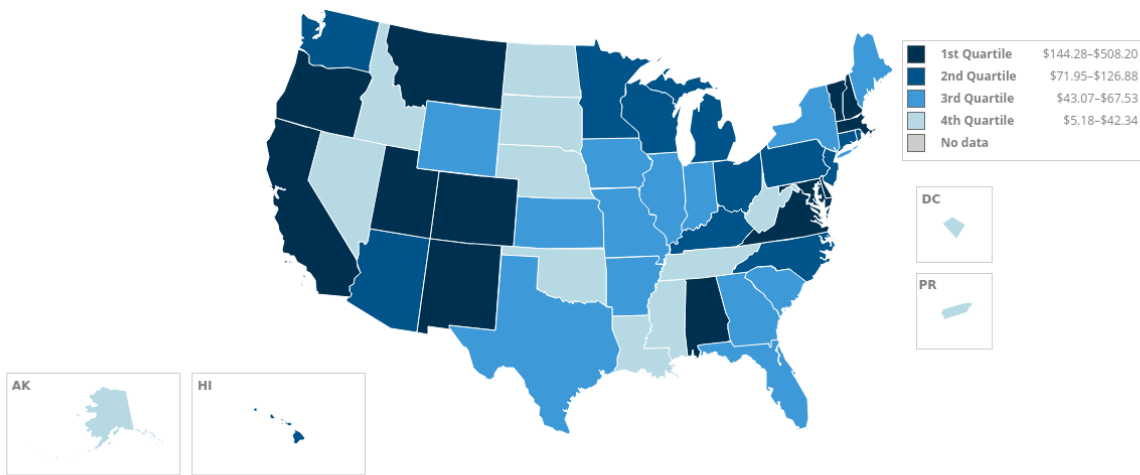
The amount of SBIR/STTR funding that states receive relative to the size of their economies varies greatly across states, with states in the highest quartile often measuring more than an order of magnitude greater than those in the lowest quartile. Total federal SBIR/STTR award funding has remained relatively 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.

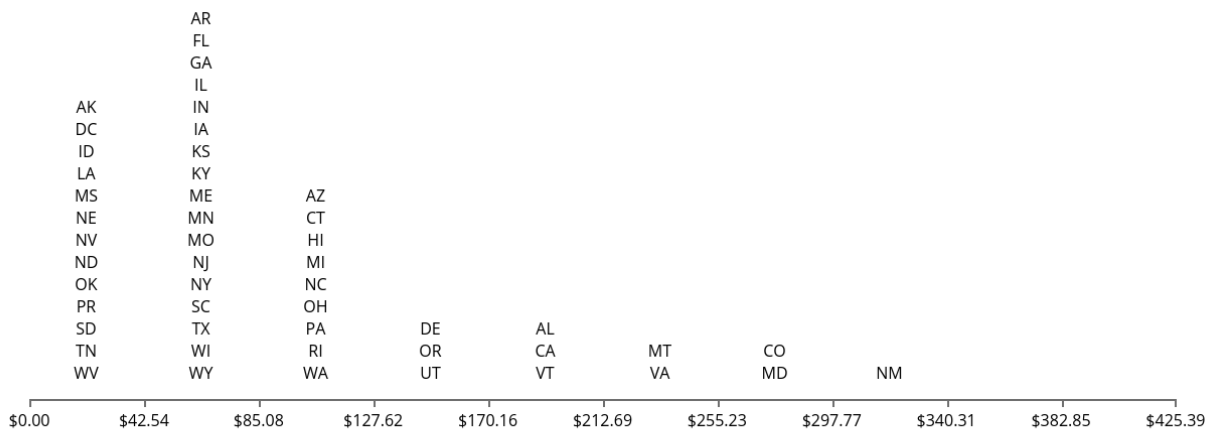
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2014



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 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	121.18	114.38	122.52	167.04	180.30	154.10	163.59
Alabama	102.71	109.10	170.02	209.79	180.34	203.46	267.57	301.03	293.13	280.73
Alaska	8.01	7.06	14.41	15.77	21.84	24.06	15.41	9.29	18.59	23.97
Arizona	70.69	83.79	100.21	136.64	135.16	156.01	172.74	188.66	149.35	161.95
Arkansas	12.31	10.85	5.67	7.60	23.95	26.26	48.35	107.56	96.77	93.69
California	142.98	159.46	206.67	217.17	179.81	190.03	260.48	268.82	215.31	235.89
Colorado	167.99	223.45	273.60	306.59	343.87	341.38	447.22	487.74	439.26	450.31
Connecticut	161.52	194.36	227.42	206.10	134.61	120.00	175.24	160.95	128.75	153.10
Delaware	63.04	73.32	121.07	114.96	96.34	105.29	105.42	151.47	169.81	173.52
District of Columbia	17.55	31.78	37.42	42.77	64.39	81.74	92.53	61.42	43.46	21.67
Florida	38.42	37.90	44.53	52.51	49.91	56.37	75.10	80.55	74.63	80.21
Georgia	21.71	21.64	22.39	34.38	42.04	41.62	55.57	62.50	58.41	70.16
Hawaii	60.89	67.07	76.80	79.60	91.64	92.03	129.73	158.96	133.24	152.62
Idaho	13.25	16.35	32.69	22.33	32.21	63.05	102.12	109.80	71.68	51.90
Illinois	31.57	27.43	26.15	32.64	36.63	39.46	49.81	56.82	62.89	73.03
Indiana	14.67	14.87	25.20	28.91	28.69	31.80	56.30	80.76	75.10	93.00
Iowa	24.44	8.35	4.21	9.92	18.79	31.59	46.95	45.62	45.50	53.09
Kansas	9.64	16.86	36.99	35.31	44.94	45.94	58.34	63.33	46.10	36.20
Kentucky	4.36	9.19	16.99	24.83	21.94	32.02	39.51	40.66	53.60	82.86
Louisiana	9.73	11.43	13.12	14.25	11.76	19.15	22.41	29.65	19.66	28.15
Maine	38.68	71.85	72.83	50.48	59.43	85.64	142.88	212.98	157.50	95.34
Maryland	189.84	227.78	262.46	285.78	297.24	306.91	436.69	425.39	343.09	401.64

State Indicators

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
Massachusetts	476.81	533.80	629.23	679.40	636.39	640.28	849.04	910.33	744.81	773.35
Michigan	40.60	45.67	61.21	84.54	66.54	64.17	104.90	136.54	140.36	172.54
Minnesota	64.73	58.78	103.70	102.70	79.10	95.45	125.23	116.43	113.49	124.91
Mississippi	8.76	8.27	13.20	13.20	29.60	37.91	48.44	49.79	17.77	30.35
Missouri	19.66	15.18	11.45	22.64	34.67	29.70	43.02	54.20	47.68	53.71
Montana	29.68	66.80	106.51	82.63	187.62	315.44	331.96	337.48	285.69	257.15
Nebraska	24.38	28.25	11.34	17.89	30.38	39.28	46.87	58.68	36.42	57.16
Nevada	65.70	35.35	21.55	34.82	26.18	53.95	91.33	76.98	38.47	39.40
New Hampshire	196.64	289.74	352.30	376.07	301.92	345.46	465.78	476.13	567.79	554.43
New Jersey	64.34	81.69	101.13	98.23	93.77	100.21	131.29	132.74	109.46	132.16
New Mexico	359.70	345.95	352.48	363.51	374.98	373.79	398.76	415.23	354.08	374.16
New York	47.22	54.11	68.93	62.41	56.94	60.30	92.07	105.10	92.32	108.24
North Carolina	38.04	40.38	46.98	57.12	55.65	63.06	87.46	107.94	106.80	130.52
North Dakota	7.98	26.01	38.39	36.72	64.34	101.55	105.83	87.27	33.42	62.84
Ohio	51.31	59.83	92.51	111.89	127.93	136.36	178.94	216.76	189.93	171.71
Oklahoma	18.47	18.14	21.32	31.01	38.39	44.27	77.66	77.42	51.90	47.30
Oregon	109.46	113.27	150.42	158.80	141.14	131.01	168.61	234.35	187.31	216.79
Pennsylvania	60.43	63.50	82.34	101.54	97.50	106.46	161.11	197.02	176.52	154.87
Rhode Island	67.75	81.73	74.45	77.63	78.68	121.83	209.79	207.39	169.80	185.31
South Carolina	0.83	1.02	8.11	13.94	21.13	48.04	68.32	66.09	35.66	56.06
South Dakota	1.23	2.05	24.36	45.41	68.05	58.43	57.65	32.12	19.14	22.48
Tennessee	54.46	50.52	64.51	61.02	56.94	61.88	57.04	63.88	66.28	64.96
Texas	36.45	40.04	54.87	60.89	59.28	62.64	100.77	114.76	82.65	73.33
Utah	196.35	214.25	161.85	164.43	157.85	170.31	190.50	186.88	154.85	156.27
Vermont	97.73	90.33	206.90	189.90	206.27	167.06	255.35	269.50	257.60	278.21
Virginia	151.68	177.60	260.93	287.72	258.04	282.81	363.76	376.02	380.57	379.27

State Indicators

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
Washington	73.53	90.55	128.98	130.22	123.73	132.53	197.07	196.94	154.39	141.02
West Virginia	7.91	0.53	2.47	17.07	31.46	52.58	142.15	129.06	61.48	47.72
Wisconsin	34.17	34.56	50.44	54.77	56.07	68.09	98.84	117.66	113.41	137.13
Wyoming	7.72	0.80	9.93	74.07	84.84	150.38	139.74	132.98	103.54	70.20
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 2019; Government of Puerto Rico, Office of the Governor, Gross Domestic Product data (various years), data as of May 2019.

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 24, 2019

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	154.59	133.07	115.48
Alabama	255.72	230.75	210.88
Alaska	15.95	15.53	12.78
Arizona	170.99	145.25	114.11
Arkansas	84.64	73.71	49.30
California	231.16	210.42	174.10
Colorado	393.22	291.15	283.62
Connecticut	140.80	114.81	121.65
Delaware	174.98	142.68	144.28
District of Columbia	16.31	23.17	31.32
Florida	83.75	74.72	60.31
Georgia	64.84	75.51	52.13
Hawaii	153.50	121.96	89.83
Idaho	95.64	61.23	29.10
Illinois	71.29	61.47	57.06
Indiana	72.62	69.84	56.78
Iowa	41.45	49.63	50.21
Kansas	41.13	53.58	44.10
Kentucky	82.89	88.67	71.95
Louisiana	21.94	15.96	11.64
Maine	107.15	49.87	49.10
Maryland	361.64	328.74	288.07

State Indicators

State	2010	2012	2014
Massachusetts	696.91	574.88	488.90
Michigan	158.43	106.59	106.52
Minnesota	99.20	100.53	83.60
Mississippi	21.77	6.38	7.98
Missouri	55.48	48.24	43.07
Montana	256.43	234.56	248.12
Nebraska	67.98	44.19	29.72
Nevada	44.39	47.92	35.17
New Hampshire	516.57	526.13	508.20
New Jersey	117.75	96.24	79.58
New Mexico	351.95	328.80	305.00
New York	94.30	76.50	64.51
North Carolina	133.00	123.23	107.72
North Dakota	52.03	27.51	16.57
Ohio	183.54	151.87	126.88
Oklahoma	60.69	43.53	29.66
Oregon	256.60	220.22	168.15
Pennsylvania	154.30	129.66	123.45
Rhode Island	176.78	149.19	119.32
South Carolina	54.32	54.70	65.30
South Dakota	20.63	31.63	42.34
Tennessee	65.57	51.94	38.64
Texas	72.18	62.99	53.53
Utah	132.09	182.23	156.31
Vermont	240.70	216.54	200.06
Virginia	333.05	265.01	241.84

State Indicators

State	2010	2012	2014
Washington	134.82	100.79	88.98
West Virginia	50.17	32.39	21.94
Wisconsin	128.62	106.14	74.53
Wyoming	77.26	66.08	67.53
Puerto Rico	2.17	0.49	5.18

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 2019; Government of Puerto Rico, Office of the Governor, Gross Domestic Product data (various years), data as of May 2019.

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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

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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

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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

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State Indicators

Average state GDP

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
United States	5,920,316	6,553,664	7,363,885	8,513,341	9,707,299	10,658,656	11,612,409	13,105,496	14,416,584	14,814,078
Alabama	76,304	85,307	95,355	104,546	114,559	123,161	136,019	155,450	168,740	171,929
Alaska	23,359	23,214	25,264	25,551	25,227	28,268	32,125	39,727	49,387	52,407
Arizona	75,557	90,785	109,937	131,780	154,450	171,833	192,528	227,294	256,640	250,502
Arkansas	41,757	48,000	54,668	60,095	66,010	71,107	78,931	89,540	96,763	99,235
California	790,288	831,722	912,374	1,060,851	1,253,832	1,395,701	1,531,981	1,753,607	1,940,424	1,961,785
Colorado	80,880	95,823	112,765	136,046	165,072	186,380	197,142	218,365	244,272	253,101
Connecticut	102,468	108,851	121,813	137,752	154,577	171,745	185,403	210,106	233,781	238,319
Delaware	21,527	24,018	27,505	32,969	40,179	45,198	48,323	52,890	55,378	56,369
District of Columbia	41,435	45,066	47,191	51,718	58,269	65,572	74,872	84,764	93,989	102,165
Florida	269,644	305,414	348,344	400,900	459,290	518,239	589,264	692,244	754,542	737,625
Georgia	149,489	173,239	203,794	242,493	287,167	317,765	343,865	384,395	410,063	412,274
Hawaii	34,340	36,752	37,761	37,801	39,458	43,280	49,379	58,265	64,821	66,918
Idaho	19,163	23,063	27,378	29,779	34,372	38,031	40,932	47,559	53,458	54,831
Illinois	291,243	324,762	365,309	411,814	460,901	501,179	534,089	589,101	638,696	651,232
Indiana	116,737	133,386	150,696	171,159	193,579	206,688	224,287	245,243	265,652	271,402
Iowa	58,645	65,139	74,039	81,979	88,413	95,592	106,901	121,920	133,472	138,096
Kansas	54,252	59,720	66,067	74,253	82,062	88,394	94,410	104,754	120,928	126,589
Kentucky	72,541	82,265	92,059	103,619	113,069	117,972	127,786	142,617	154,546	159,495
Louisiana	94,037	97,292	112,267	118,577	126,410	136,731	154,591	191,080	209,170	215,877
Maine	23,655	25,358	27,984	30,685	34,463	38,509	42,183	46,107	49,015	50,747
Maryland	115,933	126,120	139,135	158,113	180,764	205,285	231,250	264,053	287,925	305,131
Massachusetts	162,556	175,557	197,583	232,367	267,953	296,909	316,646	345,841	376,575	396,537
Michigan	200,959	229,970	259,473	294,258	333,915	354,124	372,446	390,303	395,080	379,424

State Indicators

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
Minnesota	107,793	120,211	136,390	156,032	176,969	195,793	216,068	240,960	257,750	265,489
Mississippi	41,210	47,651	54,682	58,931	63,488	67,180	73,137	81,360	91,257	95,086
Missouri	109,339	121,587	139,628	160,259	178,009	191,698	204,942	223,162	240,837	253,635
Montana	14,018	16,018	17,567	19,290	21,053	22,873	25,819	30,467	35,290	36,967
Nebraska	35,854	40,357	45,874	50,241	54,007	59,192	66,103	74,133	82,158	87,948
Nevada	33,273	40,421	49,614	60,109	71,159	80,596	93,311	116,618	129,516	124,693
New Hampshire	24,954	27,628	31,876	37,778	42,555	46,845	51,395	56,630	60,355	62,336
New Jersey	222,349	240,912	264,411	302,011	339,534	374,700	405,475	442,707	480,040	492,261
New Mexico	29,844	37,066	42,788	49,242	53,003	56,425	63,564	73,617	80,574	83,243
New York	503,411	537,510	586,044	694,567	792,535	867,534	915,755	1,013,877	1,093,174	1,155,331
North Carolina	148,454	169,544	192,857	227,882	261,888	287,496	311,822	354,652	397,744	411,682
North Dakota	12,032	13,416	15,212	16,338	17,251	19,035	21,818	24,568	28,841	33,050
Ohio	237,346	264,062	296,861	338,739	376,267	399,576	427,475	462,843	487,963	491,091
Oklahoma	59,882	65,337	71,809	78,874	85,355	95,574	105,852	124,932	147,212	152,769
Oregon	59,800	69,398	83,418	99,769	109,972	118,588	128,227	145,018	160,618	163,219
Pennsylvania	256,764	282,718	311,531	351,295	390,036	423,201	457,944	504,573	556,463	586,311
Rhode Island	22,022	23,528	25,453	28,701	32,511	36,213	40,550	45,373	47,555	48,194
South Carolina	68,335	76,689	86,688	97,264	109,714	119,569	129,886	142,812	157,276	161,833
South Dakota	13,797	16,107	18,268	19,535	21,309	24,181	27,804	30,729	34,423	36,782
Tennessee	102,318	120,374	136,706	154,961	174,919	187,565	205,715	228,771	245,352	252,696
Texas	396,306	445,389	511,743	602,489	688,634	766,379	841,114	992,672	1,167,091	1,212,664
Utah	33,451	38,941	47,118	57,336	66,202	73,172	80,283	95,340	112,254	115,760
Vermont	11,982	13,085	14,084	15,387	17,181	19,250	21,320	23,495	24,895	26,218
Virginia	151,685	167,912	187,016	216,035	249,927	281,388	311,836	357,227	390,359	410,284
Washington	126,335	142,591	157,471	190,214	226,197	241,816	258,856	294,461	339,763	358,287
West Virginia	29,085	32,294	35,988	38,717	41,508	44,006	47,125	53,020	59,078	63,433



State Indicators

State	1990	1992	1994	1996	1998	2000	2002	2004	2006	2008
Wisconsin	105,994	120,811	136,064	153,069	171,773	187,764	204,362	225,515	241,412	248,218
Wyoming	12,954	13,680	14,810	15,135	15,948	18,327	21,110	27,590	37,183	38,661
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	2016
United States	15,677,313	16,936,689	18,252,672	NA
Alabama	180,801	190,613	199,306	212,063
Alaska	55,604	56,613	51,864	51,709
Arizona	258,149	276,021	297,689	328,243
Arkansas	105,507	113,445	118,652	123,962
California	2,056,390	2,267,940	2,539,373	2,813,812
Colorado	264,364	289,396	317,896	348,363
Connecticut	239,326	246,462	257,210	267,565
Delaware	59,927	63,274	69,485	72,507
District of Columbia	109,644	115,874	124,996	134,999
Florida	751,296	803,240	890,707	984,719
Georgia	430,197	463,211	511,949	562,844
Hawaii	70,754	75,781	82,197	88,979
Idaho	56,474	60,799	66,422	72,920
Illinois	690,543	742,080	787,986	831,944
Indiana	288,808	310,425	330,998	352,002
Iowa	148,653	163,021	176,610	184,493
Kansas	134,513	143,992	151,870	160,936
Kentucky	170,283	181,785	191,265	201,470
Louisiana	229,429	233,489	233,436	239,447
Maine	52,151	54,156	57,655	61,892
Maryland	326,444	342,867	367,969	398,498
Massachusetts	426,562	457,377	498,624	542,648
Michigan	402,196	433,513	471,045	508,012

State Indicators

State	2010	2012	2014	2016
Minnesota	283,308	306,596	328,903	353,074
Mississippi	97,065	101,637	105,445	110,300
Missouri	262,467	277,114	291,852	305,957
Montana	40,213	43,225	45,418	47,198
Nebraska	97,898	107,068	114,148	119,189
Nevada	126,099	131,230	143,254	157,753
New Hampshire	65,757	70,080	75,549	81,431
New Jersey	504,670	533,422	565,862	601,813
New Mexico	86,072	89,503	91,469	94,892
New York	1,257,485	1,368,614	1,485,709	1,605,444
North Carolina	427,328	456,773	498,923	540,646
North Dakota	42,650	54,591	54,752	52,366
Ohio	521,138	564,965	608,048	647,792
Oklahoma	163,810	183,930	186,483	188,611
Oregon	169,647	181,073	202,607	226,631
Pennsylvania	619,873	665,298	708,322	755,048
Rhode Island	50,463	53,142	56,369	59,334
South Carolina	169,773	183,452	202,819	221,642
South Dakota	40,824	44,772	47,406	49,884
Tennessee	269,106	293,559	320,408	349,274
Texas	1,326,599	1,493,006	1,565,978	1,664,896
Utah	123,740	134,772	149,590	166,980
Vermont	28,043	29,233	30,686	32,661
Virginia	433,415	454,601	480,759	512,913
Washington	381,985	420,883	468,656	526,173
West Virginia	67,733	70,821	70,727	73,463



State Indicators

State	2010	2012	2014	2016
Wisconsin	264,193	283,416	303,504	323,566
Wyoming	38,401	38,909	37,672	37,634
Puerto Rico	100,099	102,154	103,261	NA
NA = not available				
<i>Science and Engineering Indicators 2018</i>				