

## State Indicators

# S-27 State Expenditures on Student Aid per Undergraduate Student

## Description

The cost of an undergraduate education can be reduced with financial assistance from the state government, the federal government, or an academic institution. This indicator is calculated by dividing the amount of financial support from state grants to both public and private institutions in the state by the total undergraduate fall enrollment at public and private degree-granting postsecondary institutions in the state. A high value is one indicator of state efforts to provide access to higher education at a time of escalating undergraduate costs. The actual distribution of state grants to individual students may be affected by the percentage of undergraduates who are state residents.

State expenditures on student aid are collected by the National Association of State Student Grant and Aid Programs annual survey. It is reported by the location of the school as is the number of undergraduate students, as reported by the National Center for Education Statistics.

This indicator should be viewed relative to the tuition charged to undergraduates in a state, as some states have chosen to subsidize tuition for all students at public institutions rather than provide grants. Other differences between states, such as the amount of scholarship aid available from other sources, the percentage of students attending out-of-state institutions, and students' eligibility for state funding, mean that readers should exercise caution when making comparisons between states (which may vary dramatically) and examining changes over time. Rapid increases in undergraduate student enrollment in a state may cause this indicator to fall, even during periods when absolute state student aid expenditures have increased.

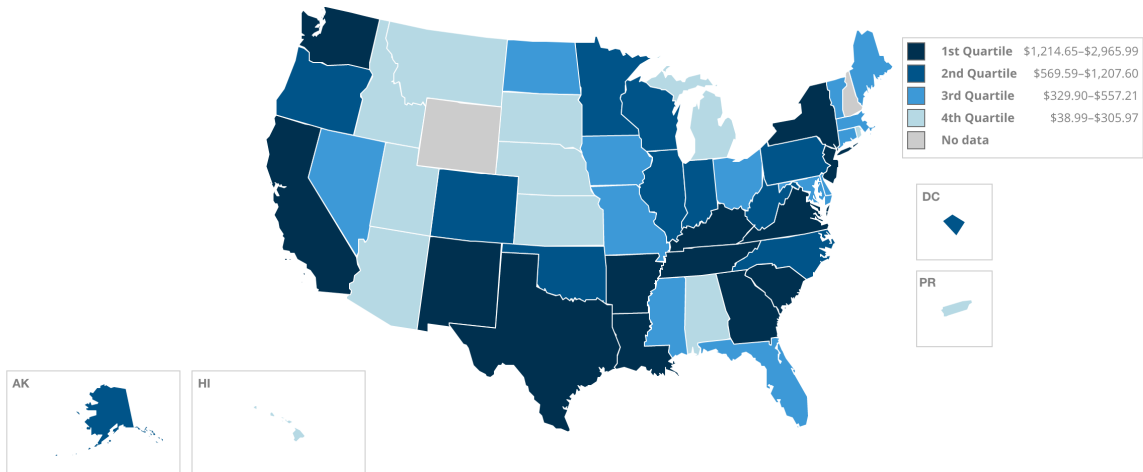
Total state grant expenditures for financial aid include need-based and non-need-based grants. State assistance through subsidized or unsubsidized loans and awards to students at the graduate and first professional degree levels is not included. The year is the end date of the academic year. For example, data for 2015 represent costs for the 2014–15 academic year.

Data sources: National Association of State Student Grant and Aid Programs, Annual Survey Report; U.S. Department of Education, National Center for Education Statistics, Digest of Education Statistics.

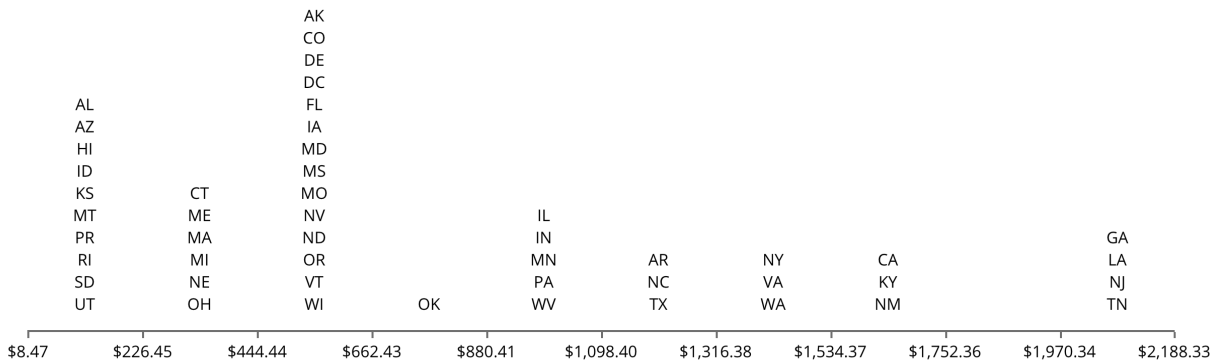
State Indicators

# S-27 State Expenditures on Student Aid per Undergraduate Student

2016



## Distribution of states across indicator values, 2016



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

### State Expenditures on Student Aid per Undergraduate Student

(Dollars)

State	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
United States	407.43	415.52	434.70	465.04	499.22	544.57	603.76	637.45	634.06	680.40
Alabama	75.16	70.10	68.30	64.99	62.32	57.51	58.15	55.15	49.13	36.57
Alaska	16.67	16.43	8.47	9.65	NA	NA	NA	NA	NA	NA
Arizona	39.38	24.96	29.00	32.47	25.63	24.47	24.04	20.20	17.63	14.86
Arkansas	151.31	185.93	217.41	222.40	287.87	438.57	533.62	508.16	365.00	375.97
California	448.21	440.26	465.70	502.08	560.97	616.66	726.16	777.94	813.28	962.69
Colorado	257.95	292.22	307.96	320.79	408.84	405.63	390.01	426.06	443.16	390.26
Connecticut	262.38	261.26	260.06	331.58	408.39	439.27	512.54	507.73	179.12	405.08
Delaware	46.58	51.96	44.48	57.18	60.78	50.19	50.92	55.93	71.56	453.74
District of Columbia	23.57	22.90	23.92	23.40	18.19	18.25	14.94	24.23	NA	460.05
Florida	419.05	416.77	436.15	518.83	615.10	782.78	975.78	918.05	675.62	713.11
Georgia	665.69	937.57	1,024.22	1,144.50	1,177.68	1,276.43	1,568.67	1,738.44	1,799.50	1,844.27
Hawaii	26.10	17.98	13.84	21.58	18.27	18.64	19.36	18.07	13.26	13.18
Idaho	28.84	28.20	26.53	25.69	26.88	28.65	22.33	90.94	91.94	89.16
Illinois	1,040.66	1,092.40	1,145.19	1,156.63	1,240.08	1,302.35	1,358.45	1,420.56	1,269.46	1,166.18
Indiana	331.29	338.98	380.54	409.76	470.17	488.60	501.63	556.55	595.41	699.76
Iowa	386.58	420.09	449.63	470.67	506.48	532.93	533.84	501.69	458.47	445.12
Kansas	146.63	120.38	127.83	127.72	142.86	146.50	148.84	148.52	NA	153.30
Kentucky	236.50	245.22	269.20	248.45	353.42	440.48	592.65	741.13	916.75	1,179.56
Louisiana	90.95	106.10	115.72	134.37	377.37	467.60	623.44	701.36	681.21	709.93
Maine	141.51	173.02	164.51	189.73	184.77	246.12	277.63	278.53	287.65	284.80
Maryland	292.29	332.60	387.85	391.39	398.16	388.06	411.79	412.13	339.21	386.62
Massachusetts	261.90	230.25	242.58	318.08	394.38	439.09	495.94	480.61	351.00	334.51

## State Indicators

State	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Michigan	307.58	316.00	318.24	328.43	328.01	317.20	345.25	351.14	309.84	515.36
Minnesota	710.73	664.43	697.87	671.73	825.30	796.94	790.55	829.33	826.31	726.02
Mississippi	23.02	21.53	10.00	18.61	15.49	330.31	322.12	339.63	318.60	326.99
Missouri	139.54	147.21	155.64	165.15	198.24	218.50	240.50	227.19	207.34	203.08
Montana	13.02	12.09	9.61	40.61	42.76	91.16	95.48	84.04	83.31	75.62
Nebraska	43.94	50.76	53.15	68.62	79.61	96.02	100.61	123.43	40.91	140.04
Nevada	13.95	123.14	143.62	218.97	192.72	190.02	392.40	540.62	NA	450.44
New Hampshire	36.85	19.00	15.70	31.19	40.68	37.31	35.20	71.22	72.53	83.32
New Jersey	1,158.46	959.63	1,085.64	1,076.76	1,144.08	1,206.72	1,224.94	1,287.88	1,302.54	1,342.06
New Mexico	346.98	428.98	472.94	895.70	656.98	786.09	894.91	874.74	321.92	592.30
New York	1,148.57	1,123.09	1,132.87	1,150.29	1,106.70	1,073.62	1,133.62	1,168.53	1,253.66	1,437.21
North Carolina	233.76	240.16	248.19	448.07	501.63	570.35	615.78	660.32	582.62	726.58
North Dakota	81.08	77.05	90.72	87.05	83.40	85.41	38.46	55.10	53.73	51.63
Ohio	412.63	404.84	425.81	454.38	475.64	541.80	562.16	607.15	621.57	615.58
Oklahoma	180.67	227.42	244.06	280.65	283.35	269.97	282.42	293.07	292.06	252.79
Oregon	206.27	200.64	235.08	222.90	219.25	235.19	245.21	236.31	200.16	244.16
Pennsylvania	613.69	651.84	668.71	689.41	728.25	742.50	842.10	853.31	866.57	882.09
Rhode Island	138.56	122.09	120.98	124.61	117.25	1,247.31	122.18	118.66	120.85	232.74
South Carolina	199.69	213.62	245.39	243.80	249.20	360.56	1,025.54	1,032.99	1,369.50	2,176.09
South Dakota	20.84	18.42	11.69	NA	NA	26.52	NA	NA	NA	NA
Tennessee	143.62	144.70	143.29	154.62	153.66	153.02	211.33	259.81	312.83	275.18
Texas	71.85	101.38	106.14	147.51	149.00	216.79	241.84	428.69	666.79	316.05
Utah	25.93	11.51	20.28	18.33	17.41	22.76	19.57	30.96	28.16	29.43
Vermont	461.48	456.64	423.99	457.32	479.12	1,880.49	546.09	595.32	600.13	631.27
Virginia	425.49	457.94	465.72	476.60	531.88	391.63	639.42	594.25	570.21	546.35
Washington	558.07	586.91	599.08	700.42	734.92	726.09	893.24	891.19	962.53	1,096.21

## State Indicators

State	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
West Virginia	197.96	123.56	156.45	179.16	190.82	277.37	261.01	293.67	410.04	774.93
Wisconsin	329.31	308.76	320.39	325.56	340.51	308.64	416.40	393.17	400.21	428.32
Wyoming	25.55	24.83	18.68	23.26	18.37	18.13	NA	17.62	17.16	17.00
Puerto Rico	159.19	171.40	172.45	161.53	128.46	227.15	256.58	217.35	218.57	187.54

NA = not available

**Note(s):**  
The national value for the United States for student aid includes Puerto Rico. The national enrollment total for the United States includes data from U.S. Service Academies not allocated to states, as well as U.S. territories.

**Source(s):**  
National Association of State Student Grant and Aid Programs, Annual Survey Report (various years), data as of October 2017; U.S. Department of Education, National Center for Education Statistics, Digest of Education Statistics (various years), data as of May 2018.

Recommended Citation: National Science Board. 2018. "State Expenditures on Student Aid per Undergraduate Student." Science and Engineering Indicators 2018, State Indicators. Alexandria, VA: National Science Foundation (NSB-2018-1). <https://www.nsf.gov/statistics/state-indicators/indicator/state-student-aid-expenditures-per-full-time-undergraduate-student>

Last updated: September 27, 2018

*Science and Engineering Indicators 2018*

## State Indicators

### State Expenditures on Student Aid per Undergraduate Student

(Dollars)

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
United States	745.09	771.99	804.84	824.55	823.07	824.90	846.91	859.97	878.18	910.32
Alabama	20.83	53.19	58.72	108.32	129.17	147.99	108.58	106.23	50.77	50.58
Alaska	NA	19.03	21.84	24.69	68.68	28.59	49.24	200.64	323.95	389.38
Arizona	12.18	10.65	41.36	32.15	43.64	43.13	45.95	40.34	59.27	60.51
Arkansas	222.68	344.07	357.35	384.39	399.78	446.71	1,510.07	1,540.53	1,554.99	1,382.63
California	1,034.85	1,060.84	1,036.03	1,083.11	1,141.48	1,337.57	1,569.56	1,796.92	1,800.58	1,850.14
Colorado	368.36	359.69	385.32	413.73	436.37	361.43	360.91	352.39	354.15	377.64
Connecticut	397.45	419.54	444.98	666.39	641.52	608.12	594.87	480.82	197.91	362.09
Delaware	391.41	362.25	480.31	597.09	567.55	640.71	614.25	615.63	604.11	622.00
District of Columbia	498.62	518.33	494.19	437.36	409.44	683.11	716.34	737.67	726.19	663.49
Florida	783.36	814.10	904.13	907.98	810.10	694.79	653.38	534.44	510.99	503.03
Georgia	2,061.21	1,950.51	1,910.14	1,865.26	1,925.10	2,138.24	2,383.10	1,751.58	1,698.74	1,747.41
Hawaii	12.17	12.07	12.21	11.84	53.48	93.57	87.70	98.72	86.87	105.02
Idaho	96.02	94.32	98.54	105.42	133.30	92.90	77.82	85.24	69.78	58.35
Illinois	1,100.96	1,151.42	1,324.44	1,210.41	1,175.63	1,161.54	1,159.50	1,234.83	1,106.98	1,117.88
Indiana	714.02	748.07	791.64	861.99	880.43	798.93	871.24	874.87	906.82	966.46
Iowa	427.67	420.80	392.56	357.77	307.46	247.84	261.30	268.51	315.11	431.25
Kansas	173.30	163.16	176.62	199.83	191.14	183.61	174.59	178.01	172.10	158.65
Kentucky	1,269.84	1,354.43	1,416.23	1,435.34	1,376.52	1,354.86	1,322.68	1,343.01	1,365.29	1,448.69
Louisiana	858.49	823.73	873.08	979.91	1,107.52	1,127.62	1,237.26	1,383.00	1,559.55	1,804.81
Maine	285.92	302.39	354.88	412.22	373.91	311.08	346.36	350.32	380.93	276.69
Maryland	437.52	564.32	692.18	708.36	674.98	629.25	581.51	580.23	593.02	682.82
Massachusetts	326.27	324.53	332.99	336.04	363.20	322.74	327.53	320.88	338.79	332.26

## State Indicators

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Michigan	619.10	617.07	640.34	584.68	503.60	142.64	250.34	263.07	277.52	288.15
Minnesota	780.32	767.86	921.77	853.29	787.38	901.90	640.50	756.14	870.00	939.55
Mississippi	328.41	338.72	338.99	341.49	336.51	301.44	295.37	302.35	333.07	371.41
Missouri	272.22	198.29	281.26	502.96	558.47	495.89	356.88	394.15	421.85	457.23
Montana	89.33	111.65	137.96	130.78	165.29	151.66	150.27	166.58	142.26	132.73
Nebraska	132.85	155.01	159.22	190.84	187.07	204.62	223.14	222.29	227.71	246.48
Nevada	506.55	488.68	432.52	423.68	414.15	423.55	514.32	559.06	588.30	365.15
New Hampshire	83.07	83.66	83.49	81.43	75.46	79.49	60.81	NA	NA	NA
New Jersey	1,472.55	1,494.89	1,565.78	1,597.38	1,678.53	1,885.46	1,658.24	1,741.68	1,853.05	1,907.70
New Mexico	1,142.55	1,222.25	1,363.19	1,287.17	1,359.63	1,345.23	1,509.58	1,569.94	1,269.85	1,686.26
New York	1,466.72	1,432.83	1,367.24	1,214.53	1,215.53	1,339.98	1,257.52	1,342.78	1,358.48	1,359.16
North Carolina	696.51	832.78	934.54	1,177.08	1,494.21	1,474.62	1,455.74	1,261.70	1,315.03	1,273.36
North Dakota	54.46	54.80	65.19	97.43	87.68	222.83	294.47	325.80	397.56	412.79
Ohio	712.72	656.36	743.05	721.19	743.09	264.21	265.73	264.59	298.90	298.41
Oklahoma	412.08	510.62	558.04	643.66	694.16	690.38	716.07	719.25	736.26	761.08
Oregon	256.39	323.29	359.96	362.54	673.11	719.65	171.79	387.93	460.04	494.27
Pennsylvania	880.56	952.92	1,056.17	1,050.97	831.54	895.27	805.19	1,001.36	995.03	1,026.89
Rhode Island	256.28	237.74	237.76	277.26	190.15	195.77	234.94	227.38	223.30	213.26
South Carolina	2,324.48	2,426.23	2,516.30	2,577.28	2,637.42	2,564.78	2,553.45	2,559.44	2,785.05	2,772.02
South Dakota	NA	78.51	56.82	62.88	87.90	89.95	103.89	96.30	104.52	115.47
Tennessee	817.83	1,067.94	1,377.27	1,631.56	1,726.11	1,769.72	1,836.08	1,916.27	1,968.20	1,979.83
Texas	634.29	681.83	688.40	874.73	894.87	973.72	1,097.63	965.87	1,005.88	1,091.80
Utah	46.86	52.56	60.53	70.75	58.82	50.61	50.90	42.39	44.45	42.10
Vermont	564.32	612.96	577.68	618.70	558.02	616.19	556.88	582.08	566.76	554.66
Virginia	588.10	606.42	652.49	726.60	713.04	697.16	660.66	712.75	762.69	801.81
Washington	1,206.06	1,351.91	1,195.10	1,291.61	1,203.24	1,289.95	1,275.46	1,577.21	1,789.82	1,593.94

## State Indicators

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
West Virginia	825.75	1,070.57	1,007.99	987.76	974.15	986.03	902.19	922.60	964.78	940.88
Wisconsin	455.36	506.07	463.96	499.61	516.86	481.38	544.58	529.16	576.95	600.07
Wyoming	17.41	17.13	17.11	16.70	16.43	16.17	16.23	NA	NA	1,487.63
Puerto Rico	190.99	204.64	200.51	183.91	185.15	169.10	293.78	295.76	178.01	162.96

NA = not available

**Note(s):**

The national value for the United States for student aid includes Puerto Rico. The national enrollment total for the United States includes data from U.S. Service Academies not allocated to states, as well as U.S. territories.

**Source(s):**

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## State Indicators

### State Expenditures on Student Aid per Undergraduate Student

(Dollars)

State	2015	2016
United States	961.21	958.56
Alabama	31.11	38.99
Alaska	552.16	645.46
Arizona	68.34	72.34
Arkansas	1,285.64	1,247.79
California	2,067.17	1,727.46
Colorado	523.74	569.59
Connecticut	370.66	381.73
Delaware	662.60	464.86
District of Columbia	625.52	655.18
Florida	488.22	456.98
Georgia	1,883.66	2,045.83
Hawaii	105.34	100.80
Idaho	56.30	57.52
Illinois	1,091.30	1,012.39
Indiana	1,041.66	1,066.39
Iowa	455.38	472.23
Kansas	165.56	166.40
Kentucky	1,478.20	1,596.60
Louisiana	1,987.89	2,031.71
Maine	316.50	410.19
Maryland	615.59	557.21
Massachusetts	333.80	329.90

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State	2015	2016
Michigan	300.94	305.97
Minnesota	1,002.21	991.86
Mississippi	406.58	455.08
Missouri	482.63	526.49
Montana	135.76	47.10
Nebraska	247.90	277.06
Nevada	389.23	475.14
New Hampshire	NA	NA
New Jersey	2,036.84	2,008.46
New Mexico	1,948.98	1,717.39
New York	1,422.43	1,409.37
North Carolina	1,155.70	1,207.60
North Dakota	402.90	471.09
Ohio	322.21	340.37
Oklahoma	795.74	813.68
Oregon	514.70	585.92
Pennsylvania	1,025.58	1,034.92
Rhode Island	132.06	135.66
South Carolina	2,819.43	2,965.99
South Dakota	120.69	127.24
Tennessee	2,021.11	2,188.33
Texas	1,134.75	1,214.65
Utah	42.47	51.54
Vermont	522.28	528.77
Virginia	1,235.96	1,335.69
Washington	1,532.05	1,346.94

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State	2015	2016
West Virginia	981.67	968.79
Wisconsin	616.45	586.31
Wyoming	1,437.54	NA
Puerto Rico	156.93	43.75

NA = not available

**Note(s):**  
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## State Indicators

### State expenditures on student aid

State	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
United States	2,156,709	2,384,288	2,804,883	2,870,447	3,038,009	3,313,030	3,613,714	4,009,267	4,605,393	5,034,649
Alabama	7,780	8,537	9,087	8,320	8,163	7,890	7,665	7,487	7,413	7,335
Alaska	495	508	444	430	213	240	NA	NA	NA	NA
Arizona	2,437	3,476	3,482	2,291	2,748	3,160	2,731	2,727	2,990	2,812
Arkansas	7,133	8,443	9,647	11,727	13,725	15,400	20,235	30,936	39,151	37,897
California	151,379	207,969	232,067	235,582	257,544	284,410	331,636	369,785	461,914	514,348
Colorado	23,782	27,992	30,873	36,401	39,446	41,750	54,151	54,151	54,151	60,013
Connecticut	20,805	20,641	20,905	20,374	20,299	26,360	33,117	37,401	44,763	45,175
Delaware	1,326	1,472	1,235	1,390	1,183	1,550	1,692	1,293	1,432	1,626
District of Columbia	1,015	1,022	1,022	939	939	940	728	743	781	1,321
Florida	76,029	87,735	98,710	100,363	109,048	134,310	169,947	225,553	302,633	321,447
Georgia	24,377	58,995	116,557	165,220	185,867	209,210	221,350	240,458	310,995	362,201
Hawaii	724	748	732	499	379	590	493	490	535	531
Idaho	845	899	1,043	1,027	977	970	1,053	1,127	1,138	4,810
Illinois	220,450	231,430	270,322	282,809	298,993	311,460	338,128	360,177	382,566	407,622
Indiana	56,191	NA	68,162	69,599	79,149	86,440	100,824	106,169	111,618	126,390
Iowa	34,494	35,193	36,111	39,431	42,411	45,390	48,719	51,823	53,100	51,668
Kansas	6,954	9,125	11,920	9,588	10,235	10,380	11,774	12,397	12,819	13,099
Kentucky	20,520	20,619	25,517	26,215	28,902	27,200	38,441	48,444	66,931	86,325
Louisiana	7,666	11,654	13,079	15,053	16,705	19,590	55,237	68,391	91,166	104,117
Maine	5,200	5,170	5,787	6,988	6,636	7,700	7,701	10,360	11,961	12,021
Maryland	26,509	29,805	31,635	36,066	42,188	43,390	45,339	45,683	50,416	51,910
Massachusetts	46,239	45,309	61,945	54,646	57,477	74,400	92,173	103,301	116,892	114,600
Michigan	75,469	79,735	81,340	84,154	85,872	90,480	92,299	91,109	102,164	106,244

## State Indicators

State	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Minnesota	83,190	102,960	97,960	92,099	92,746	96,440	113,429	113,750	120,465	130,408
Mississippi	1,301	1,311	1,306	1,235	590	1,110	926	20,163	20,163	21,481
Missouri	21,367	21,875	23,186	24,236	26,654	29,020	35,178	39,504	43,882	43,488
Montana	418	401	419	393	314	1,320	1,396	2,953	3,195	2,810
Nebraska	2,613	2,686	2,726	3,114	3,211	4,090	4,692	5,645	5,975	7,380
Nevada	341	342	342	3,063	3,707	5,900	5,900	6,083	13,449	19,899
New Hampshire	1,263	850	1,493	773	679	1,340	1,753	1,506	1,497	3,075
New Jersey	127,295	143,193	169,824	141,198	161,033	161,410	176,843	189,294	197,619	212,195
New Mexico	8,423	9,397	14,031	16,988	19,565	37,470	28,637	33,872	38,736	39,395
New York	562,988	624,212	643,863	630,069	633,902	642,970	628,246	611,167	659,394	699,481
North Carolina	27,381	39,219	42,714	43,968	46,248	84,060	94,886	109,004	121,153	134,196
North Dakota	2,459	2,335	2,312	2,187	2,454	2,380	2,322	2,431	1,152	1,776
Ohio	93,680	106,867	124,132	120,967	128,652	139,350	144,646	163,994	173,868	194,039
Oklahoma	17,245	19,546	16,311	20,501	22,046	25,670	26,462	26,595	29,035	31,464
Oregon	12,606	12,903	13,761	13,651	16,241	15,800	16,027	17,891	19,711	19,866
Pennsylvania	173,376	188,955	218,668	232,020	241,296	251,550	270,724	280,402	325,234	337,014
Rhode Island	9,586	6,500	6,340	5,741	5,699	6,010	5,717	61,722	6,164	6,077
South Carolina	17,105	16,795	17,297	18,622	21,540	21,920	22,853	33,198	98,095	102,039
South Dakota	677	661	661	562	346	NA	NA	857	NA	NA
Tennessee	14,590	17,750	19,146	19,289	19,364	21,220	21,499	21,383	30,156	37,915
Texas	27,467	29,102	29,102	40,768	42,761	60,670	61,728	93,814	108,628	199,523
Utah	1,115	1,132	2,660	1,197	2,170	1,960	1,957	2,735	2,511	4,069
Vermont	11,120	11,167	11,838	11,874	11,318	12,340	12,837	48,840	14,414	15,636
Virginia	25,575	25,944	71,224	77,386	80,064	83,310	95,322	70,717	115,242	110,467
Washington	23,571	46,617	54,210	57,866	59,631	70,940	75,692	76,581	98,533	102,458
West Virginia	5,868	5,802	13,081	8,132	10,527	12,140	13,103	18,982	18,217	21,054



## State Indicators

State	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Wisconsin	45,928	49,039	52,355	49,528	52,168	53,710	56,841	52,020	71,145	68,167
Wyoming	225	250	225	219	160	200	155	155	NA	163
Puerto Rico	20,117	NA	22,074	23,689	23,824	25,520	18,510	34,004	40,231	35,602

NA = not available

*Science and Engineering Indicators 2018*

## State Indicators

### State expenditures on student aid

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	5,169,740	5,719,875	6,441,720	6,822,658	7,373,082	7,895,963	8,418,874	8,730,773	9,105,486	9,251,629
Alabama	6,701	5,084	2,919	7,626	8,772	19,841	22,286	26,749	19,193	18,695
Alaska	NA	NA	NA	502	587	670	1,977	856	1,514	5,825
Arizona	2,790	2,865	2,954	2,798	13,231	12,179	20,795	18,429	19,932	15,858
Arkansas	28,230	29,704	18,056	28,364	30,212	33,314	36,334	42,301	146,496	149,672
California	544,893	654,549	723,165	757,809	763,008	813,374	875,490	1,040,875	1,269,917	1,492,492
Colorado	64,694	60,266	59,151	60,737	67,300	75,259	82,265	70,841	70,970	69,465
Connecticut	15,938	36,771	36,773	39,366	41,717	64,475	63,068	63,345	63,611	52,079
Delaware	2,016	12,703	11,439	10,240	13,489	16,980	16,855	19,621	19,435	20,114
District of Columbia	NA	27,571	31,357	33,856	33,666	33,496	34,208	34,381	34,713	35,186
Florida	290,935	326,468	365,413	410,758	484,227	533,073	582,294	574,031	577,736	484,187
Georgia	397,277	431,951	459,043	461,615	480,730	497,667	566,590	672,937	768,449	561,020
Hawaii	408	408	418	410	408	408	1,908	3,408	3,339	3,774
Idaho	5,055	4,982	5,551	5,424	5,750	6,221	8,071	5,704	5,064	6,287
Illinois	370,408	347,565	367,674	380,349	444,348	415,298	412,593	414,351	407,825	427,563
Indiana	136,733	161,263	172,187	182,281	200,237	223,676	244,000	229,821	251,254	250,395
Iowa	50,065	49,285	51,252	53,815	55,535	59,573	65,681	57,467	57,848	57,602
Kansas	NA	14,073	15,966	15,168	16,498	19,090	18,662	18,231	17,590	17,945
Kentucky	109,933	143,338	160,094	172,866	184,399	186,988	190,180	195,585	193,206	194,800
Louisiana	105,011	111,602	116,289	116,432	120,305	137,347	157,722	162,053	178,753	197,411
Maine	12,547	12,561	12,609	13,387	15,556	17,916	16,290	13,720	15,230	15,440
Maryland	43,513	50,390	56,902	76,362	95,089	99,726	98,146	96,760	90,535	89,812
Massachusetts	83,207	79,735	79,526	80,093	83,682	86,342	95,286	86,927	87,823	87,831
Michigan	95,720	162,225	197,106	197,674	206,242	189,078	168,753	49,093	85,612	88,309

## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Minnesota	133,586	119,641	131,058	131,010	162,919	156,433	153,382	185,926	130,073	150,226
Mississippi	20,348	21,367	21,516	22,285	22,588	22,923	23,418	21,701	22,198	22,910
Missouri	41,144	41,233	57,116	42,068	59,768	109,998	129,264	120,488	90,774	96,995
Montana	2,825	2,542	3,018	3,760	4,563	4,367	5,867	5,648	5,877	6,459
Nebraska	2,458	8,742	8,337	9,918	10,388	12,537	12,828	14,431	15,671	15,465
Nevada	NA	34,535	40,650	39,671	38,353	39,109	39,919	41,871	47,838	50,587
New Hampshire	3,170	3,651	3,648	3,753	3,727	3,732	3,551	3,749	2,967	NA
New Jersey	217,285	225,282	247,374	256,047	279,219	292,500	319,061	372,146	333,404	350,444
New Mexico	14,959	29,821	57,573	61,780	70,518	67,781	75,476	77,757	89,254	92,592
New York	755,681	875,299	905,754	895,129	861,448	824,174	850,368	941,206	896,266	963,388
North Carolina	121,616	156,604	156,056	192,018	221,632	286,773	376,699	382,126	378,366	327,271
North Dakota	1,794	1,756	1,806	1,864	2,238	3,778	3,615	9,446	12,198	13,441
Ohio	197,726	200,787	238,734	221,411	255,593	254,785	283,899	108,180	109,731	108,789
Oklahoma	32,457	28,841	47,515	58,216	66,075	75,823	85,561	87,905	92,122	92,666
Oregon	17,290	21,782	23,265	29,429	33,383	35,036	68,881	77,188	19,287	43,752
Pennsylvania	348,788	360,816	365,712	403,957	457,980	460,451	376,640	415,186	368,459	456,794
Rhode Island	6,310	12,296	13,821	12,883	13,021	15,336	10,652	11,002	13,170	12,609
South Carolina	138,062	225,297	242,745	255,744	271,239	295,627	317,068	322,801	325,348	324,719
South Dakota	NA	NA	NA	2,912	2,140	2,416	3,550	3,945	4,418	4,104
Tennessee	46,423	42,395	129,181	173,907	231,287	279,300	310,142	337,906	353,273	366,803
Texas	322,798	156,529	336,433	366,873	374,730	484,807	517,763	592,399	684,905	610,777
Utah	3,778	4,081	6,704	7,409	8,566	10,705	9,636	9,046	9,674	8,687
Vermont	16,224	17,149	15,783	17,560	17,189	18,804	17,380	19,338	17,328	18,328
Virginia	108,579	110,621	123,877	132,720	149,296	173,813	184,771	193,964	188,585	205,922
Washington	114,712	134,280	149,406	173,835	184,942	205,891	222,736	239,052	234,238	293,292
West Virginia	29,175	52,087	55,152	70,981	77,883	82,487	93,391	101,221	100,916	103,974





## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Wisconsin	70,117	75,920	82,294	93,583	93,802	102,533	110,799	107,188	119,616	115,366
Wyoming	161	163	167	163	163	162	163	165	167	NA
Puerto Rico	36,200	30,999	31,181	33,840	33,444	31,891	32,940	30,306	53,318	53,507

NA = not available

*Science and Engineering Indicators 2018*

## State Indicators

### State expenditures on student aid

State	2013	2014	2015	2016
United States	9,391,909	9,800,105	10,315,572	10,507,956
Alabama	8,791	8,791	5,396	6,808
Alaska	9,600	11,714	15,557	16,334
Arizona	21,428	21,347	22,998	22,604
Arkansas	150,853	134,118	124,649	120,045
California	1,519,221	1,674,321	1,858,683	1,904,607
Colorado	69,858	74,033	102,918	121,605
Connecticut	21,600	40,073	40,883	42,030
Delaware	20,262	21,316	22,765	22,721
District of Columbia	34,136	31,794	31,079	31,756
Florida	464,812	455,923	429,349	402,988
Georgia	535,992	569,924	616,094	688,310
Hawaii	3,225	3,782	3,590	3,267
Idaho	5,327	4,979	5,104	5,328
Illinois	371,908	373,324	358,265	320,401
Indiana	259,507	275,540	294,902	296,931
Iowa	62,798	64,370	65,626	65,348
Kansas	17,897	18,143	18,429	17,604
Kentucky	195,457	203,432	205,365	218,474
Louisiana	217,234	248,678	277,215	281,696
Maine	16,407	12,065	14,009	18,328
Maryland	90,645	109,601	99,500	93,379
Massachusetts	92,843	91,105	92,169	90,250
Michigan	92,674	96,172	101,391	104,407

## State Indicators

State	2013	2014	2015	2016
Minnesota	169,251	179,999	186,999	182,182
Mississippi	24,827	27,954	31,278	35,982
Missouri	104,260	107,412	111,342	119,945
Montana	5,512	5,044	5,045	1,737
Nebraska	15,999	17,341	17,409	19,415
Nevada	52,602	33,630	34,841	42,982
New Hampshire	NA	NA	NA	NA
New Jersey	375,239	392,342	410,069	409,615
New Mexico	73,127	92,820	101,684	86,175
New York	971,804	978,046	1,021,144	1,006,121
North Carolina	340,601	333,111	304,673	317,787
North Dakota	16,129	16,463	15,961	18,698
Ohio	121,398	119,394	126,797	130,949
Oklahoma	94,367	95,394	97,832	98,709
Oregon	52,134	55,374	57,771	64,671
Pennsylvania	450,897	458,970	450,881	449,053
Rhode Island	12,406	11,921	7,366	7,786
South Carolina	353,219	356,535	366,035	381,577
South Dakota	4,336	4,708	4,901	5,114
Tennessee	373,616	365,841	367,089	395,324
Texas	643,278	712,974	763,619	840,551
Utah	8,867	8,858	9,669	12,380
Vermont	17,519	17,392	16,354	16,879
Virginia	220,301	231,542	356,804	379,397
Washington	345,679	354,776	368,216	356,456
West Virginia	106,143	104,832	104,741	99,877



## State Indicators

State	2013	2014	2015	2016
Wisconsin	123,827	128,579	128,731	125,705
Wyoming	NA	15,150	14,512	NA
Puerto Rico	32,096	29,160	27,875	7,665
NA = not available				
<i>Science and Engineering Indicators 2018</i>				

## State Indicators

### Undergraduate enrollment at 4-year institutions

State	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
United States	6,884,351	6,908,079	6,988,736	7,124,257	7,238,778	7,362,225	7,627,885	7,898,073	8,153,342	8,406,676
Alabama	120,895	118,696	119,520	121,407	122,985	130,189	127,475	133,000	136,386	139,033
Alaska	26,641	26,174	25,157	24,882	24,191	24,573	24,939	26,191	27,675	27,377
Arizona	88,412	91,803	94,758	97,317	106,541	111,429	124,389	139,205	158,223	192,819
Arkansas	63,756	63,071	63,130	69,246	70,292	70,538	73,369	74,577	77,342	79,007
California	517,769	535,096	553,026	566,462	591,178	599,658	636,105	661,166	669,997	679,920
Colorado	119,686	124,566	128,088	130,146	132,449	133,500	138,846	140,857	145,982	154,427
Connecticut	79,673	77,983	78,055	79,499	81,091	85,143	87,335	88,974	88,979	90,774
Delaware	26,513	26,753	26,596	27,107	27,840	25,761	28,125	29,071	28,174	27,996
District of Columbia	43,365	41,003	39,253	40,163	40,024	40,703	52,262	54,528	57,250	59,930
Florida	235,558	240,814	250,025	258,869	276,292	288,143	310,145	350,141	430,620	457,808
Georgia	175,093	176,221	181,471	182,796	187,955	188,383	198,254	208,348	220,771	234,213
Hawaii	28,048	27,759	27,391	27,345	26,984	26,290	27,637	29,393	30,761	30,956
Idaho	36,169	36,424	36,824	37,751	39,168	39,343	50,969	52,894	54,980	55,877
Illinois	259,759	258,887	261,085	269,283	272,666	276,559	281,619	286,945	291,783	298,037
Indiana	205,747	205,321	207,991	210,951	214,443	217,294	222,510	227,096	229,645	230,454
Iowa	93,412	93,864	94,324	96,438	96,192	97,241	99,468	102,988	109,200	110,724
Kansas	81,295	79,647	80,067	81,270	82,419	84,620	86,126	88,197	89,716	91,803
Kentucky	107,893	106,902	107,361	109,480	108,768	109,981	112,935	116,477	119,916	121,518
Louisiana	143,810	141,882	144,355	145,791	146,375	146,259	146,230	148,451	154,154	157,201
Maine	40,895	40,389	40,338	40,585	41,678	42,093	43,082	43,158	43,619	44,104
Maryland	108,231	108,436	108,775	110,860	113,870	117,720	122,430	125,954	128,279	130,334
Massachusetts	236,525	237,334	236,940	233,905	233,714	235,263	235,697	238,447	237,057	238,366
Michigan	264,454	266,314	269,831	275,495	281,390	287,233	295,912	302,573	308,936	314,782

## State Indicators

State	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Minnesota	137,830	138,613	132,898	143,570	137,439	142,734	152,381	157,245	161,665	164,791
Mississippi	56,733	57,370	58,999	59,660	59,778	61,043	62,595	63,249	63,866	65,345
Missouri	166,157	164,633	171,250	175,718	177,454	180,799	182,463	191,421	198,442	203,040
Montana	32,170	32,494	32,680	32,508	32,647	32,393	33,462	33,437	33,911	33,615
Nebraska	62,045	61,348	60,414	59,602	58,935	58,789	59,388	59,793	60,089	62,427
Nevada	24,519	24,874	25,811	26,944	30,615	32,012	34,274	36,808	39,827	76,669
New Hampshire	40,511	40,674	43,259	42,964	43,096	40,367	42,534	43,174	43,706	43,821
New Jersey	146,595	147,138	148,330	149,904	154,572	156,867	161,329	164,763	166,817	167,863
New Mexico	40,438	39,601	41,369	41,833	43,589	43,089	43,285	45,036	46,468	50,348
New York	560,579	561,015	559,556	558,962	567,673	569,260	581,671	598,600	602,782	609,027
North Carolina	182,725	183,080	186,339	187,603	189,156	191,117	196,748	203,230	208,740	215,536
North Dakota	28,514	28,386	27,051	27,340	27,843	28,462	29,951	32,233	33,391	34,010
Ohio	300,831	298,802	302,135	306,685	304,109	302,681	309,285	319,590	318,106	326,174
Oklahoma	90,281	90,145	90,331	91,467	93,390	98,512	102,808	107,359	111,133	114,090
Oregon	66,714	68,037	69,088	70,883	73,098	76,071	80,385	84,067	86,379	89,212
Pennsylvania	356,314	355,945	360,839	364,879	371,748	377,646	386,220	394,948	402,492	409,046
Rhode Island	45,757	47,023	47,108	48,231	48,760	49,484	50,452	51,215	52,215	52,831
South Carolina	86,620	87,175	87,780	89,909	91,707	92,074	95,652	98,780	100,812	103,533
South Dakota	31,718	30,508	29,596	30,884	31,605	32,310	33,125	35,647	37,378	37,315
Tennessee	133,310	133,303	135,139	137,237	139,913	139,743	142,697	145,933	148,399	154,060
Texas	405,011	402,135	402,879	411,305	414,269	432,747	449,177	465,423	484,106	495,259
Utah	102,588	103,981	106,986	106,939	112,409	120,151	128,285	131,428	134,176	138,646
Vermont	25,652	26,003	26,694	26,983	26,793	25,972	26,395	26,265	27,034	27,166
Virginia	167,392	168,987	171,916	174,801	179,218	180,573	180,228	185,894	190,418	202,472
Washington	97,139	98,594	99,537	101,282	102,994	105,470	110,310	114,968	119,177	122,495
West Virginia	66,079	65,813	67,287	67,762	68,668	68,435	69,795	71,692	71,151	67,215



## State Indicators

State	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Wisconsin	158,986	160,408	162,828	164,978	166,931	168,547	170,859	173,380	175,200	177,251
Wyoming	8,805	8,820	8,567	8,598	8,438	8,550	8,907	9,250	9,385	9,589
Puerto Rico	138,665	138,211	138,154	157,988	144,091	149,699	156,795	163,804	165,620	165,293

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## State Indicators

### Undergraduate enrollment at 4-year institutions

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
United States	8,645,558	8,837,726	9,160,973	9,576,094	10,228,616	10,584,063	10,751,445	10,758,071	10,694,746	10,765,539
Alabama	140,142	143,386	149,384	183,162	172,528	180,746	176,759	175,979	173,148	173,790
Alaska	26,802	26,382	26,873	27,132	28,785	29,943	30,749	29,032	29,634	30,084
Arizona	242,591	262,642	319,911	378,866	476,527	427,248	433,785	393,094	361,532	352,770
Arkansas	81,086	82,437	84,545	86,667	90,886	94,694	97,013	97,156	97,012	97,002
California	698,811	714,347	736,470	750,965	766,979	778,185	809,090	830,583	843,741	904,970
Colorado	160,580	168,860	174,660	181,904	188,522	196,002	196,643	197,123	197,254	196,041
Connecticut	92,522	93,832	93,750	96,753	98,311	104,166	106,932	108,312	109,142	110,671
Delaware	29,225	28,268	28,084	28,438	29,698	30,624	31,640	32,672	33,540	34,270
District of Columbia	62,888	65,318	68,124	76,586	83,548	50,330	48,459	47,699	47,007	47,919
Florida	466,469	504,557	535,571	587,097	718,795	826,192	884,228	905,976	909,635	906,356
Georgia	222,706	236,664	251,672	266,808	294,317	314,716	322,458	320,294	315,523	326,153
Hawaii	34,336	33,963	33,418	34,471	35,674	36,423	38,071	38,228	37,124	36,012
Idaho	57,809	57,505	58,351	59,010	60,548	61,397	65,074	73,753	76,335	85,324
Illinois	333,959	330,331	335,500	343,104	350,954	356,725	351,725	346,253	335,966	333,956
Indiana	241,153	243,669	252,939	259,489	277,138	287,660	288,387	286,209	286,172	285,102
Iowa	119,841	127,886	141,470	166,514	213,628	231,876	221,384	214,523	199,292	149,265
Kansas	92,127	92,962	93,408	95,529	97,633	99,290	100,750	100,808	103,989	114,357
Kentucky	126,074	127,630	130,204	130,274	138,160	144,358	146,072	145,047	143,162	140,425
Louisiana	135,457	141,348	137,793	140,163	142,410	143,713	144,475	142,741	139,293	137,786
Maine	44,100	44,270	43,834	43,462	43,567	44,105	43,972	44,074	43,071	43,604
Maryland	130,057	135,317	137,376	140,784	145,406	153,770	155,690	154,787	152,853	160,512
Massachusetts	243,742	246,799	251,303	256,937	262,354	269,337	268,140	273,715	274,039	274,194
Michigan	318,373	320,345	322,084	323,385	335,096	344,176	341,985	335,684	333,936	333,759



## State Indicators

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Minnesota	167,954	170,616	176,746	183,329	194,800	206,149	203,079	198,675	194,541	191,579
Mississippi	65,515	65,791	66,633	67,127	69,590	71,990	75,152	75,773	74,539	75,264
Missouri	209,818	212,159	212,499	218,700	231,461	242,972	254,357	246,088	247,148	234,917
Montana	33,784	33,677	33,075	33,391	35,496	37,242	39,110	38,775	38,747	38,001
Nebraska	62,753	63,983	65,242	65,693	68,575	70,527	70,231	69,571	70,260	70,356
Nevada	80,249	81,180	88,674	92,307	96,388	98,858	93,013	90,486	89,414	92,098
New Hampshire	43,915	44,860	44,641	45,831	47,057	47,161	48,794	51,839	57,833	68,762
New Jersey	167,990	171,282	178,326	183,112	190,084	197,377	201,059	201,210	202,498	205,662
New Mexico	50,390	50,546	51,730	52,659	55,512	57,802	59,125	58,978	57,587	55,045
New York	617,536	624,730	630,062	678,593	699,585	702,405	712,725	717,459	715,359	719,595
North Carolina	224,053	230,576	237,155	243,631	252,105	259,135	259,914	259,388	259,007	261,601
North Dakota	33,164	34,017	34,329	38,778	41,231	42,392	41,423	41,255	40,570	39,882
Ohio	334,964	337,332	343,976	353,284	382,054	409,442	412,936	411,156	406,144	400,102
Oklahoma	115,304	114,011	118,406	117,799	123,258	127,329	128,649	128,837	128,171	125,341
Oregon	90,742	91,031	92,740	96,641	102,332	107,258	112,271	112,784	113,325	112,032
Pennsylvania	415,319	423,915	433,623	438,118	452,944	463,754	457,606	456,173	453,150	446,951
Rhode Island	53,930	54,189	54,765	55,312	56,018	56,199	56,056	55,454	55,557	55,899
South Carolina	104,430	105,408	107,793	114,705	120,219	125,859	127,415	126,871	126,827	128,619
South Dakota	37,183	37,090	37,664	38,420	40,389	43,860	42,527	42,618	41,484	40,774
Tennessee	157,956	162,843	167,931	171,186	179,677	190,938	192,406	191,415	189,826	184,784
Texas	530,410	538,069	544,347	554,233	578,587	608,386	623,983	632,361	639,515	653,026
Utah	143,077	140,967	141,506	151,316	163,809	178,728	190,067	204,942	199,496	210,393
Vermont	27,968	28,648	29,755	30,393	31,146	31,383	31,116	31,487	30,911	31,356
Virginia	210,638	218,857	228,811	239,213	259,130	278,221	285,448	288,910	288,847	288,775
Washington	123,879	128,585	154,750	159,407	185,114	185,319	183,650	185,956	193,136	222,578
West Virginia	66,790	66,302	77,266	83,509	95,869	102,655	111,857	112,697	110,018	111,419



## State Indicators

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Wisconsin	180,721	184,922	202,179	205,226	214,368	222,669	219,649	218,017	214,624	214,273
Wyoming	9,591	9,516	9,528	9,699	9,922	10,206	10,287	10,339	10,192	10,184
Puerto Rico	163,259	165,366	166,792	173,409	177,909	179,216	181,489	180,914	180,303	178,936

*Science and Engineering Indicators 2018*

## State Indicators

### Undergraduate enrollment at 4-year institutions

State	2015	2016
United States	10,731,813	10,962,192
Alabama	173,441	174,598
Alaska	28,175	25,306
Arizona	336,507	312,462
Arkansas	96,955	96,206
California	899,144	1,102,550
Colorado	196,507	213,495
Connecticut	110,298	110,104
Delaware	34,357	48,877
District of Columbia	49,685	48,469
Florida	879,413	881,855
Georgia	327,073	336,445
Hawaii	34,079	32,411
Idaho	90,654	92,626
Illinois	328,292	316,480
Indiana	283,108	278,445
Iowa	144,113	138,383
Kansas	111,314	105,791
Kentucky	138,929	136,837
Louisiana	139,452	138,650
Maine	44,262	44,682
Maryland	161,634	167,583
Massachusetts	276,124	273,568
Michigan	336,915	341,232

## State Indicators

State	2015	2016
Minnesota	186,587	183,678
Mississippi	76,930	79,068
Missouri	230,698	227,820
Montana	37,162	36,876
Nebraska	70,226	70,075
Nevada	89,512	90,461
New Hampshire	82,139	90,696
New Jersey	201,326	203,945
New Mexico	52,173	50,178
New York	717,886	713,882
North Carolina	263,627	263,155
North Dakota	39,615	39,691
Ohio	393,518	384,725
Oklahoma	122,945	121,312
Oregon	112,241	110,375
Pennsylvania	439,637	433,902
Rhode Island	55,777	57,395
South Carolina	129,826	128,651
South Dakota	40,609	40,192
Tennessee	181,627	180,651
Texas	672,943	692,010
Utah	227,669	240,192
Vermont	31,313	31,921
Virginia	288,685	284,046
Washington	240,342	264,641
West Virginia	106,697	103,095



## State Indicators

State	2015	2016
Wisconsin	208,828	214,402
Wyoming	10,095	9,833
Puerto Rico	177,624	175,196

*Science and Engineering Indicators 2018*