

State Indicators

S-19 Bachelor's Degrees in Science and Engineering Conferred per 1,000 Individuals 18–24 Years Old

Description

This indicator represents the extent to which a state provides bachelor's-level training in S&E fields, controlling for the size of its college-age population. The cohort 18–24 years old was chosen to approximate the age range of most students who are pursuing an undergraduate degree.

Educational attainment in an S&E field gives people greater opportunities to work in higher-paying technical jobs than are generally available to those in other fields of study. Earning a bachelor's degree in an S&E field also prepares an individual for advanced technical education. S&E fields include the physical, life, earth, ocean, atmospheric, computer, and social sciences; mathematics; engineering; and psychology. They do not include medical fields or technologies.

The number of bachelor's degrees awarded in S&E fields is an actual count provided by the National Center for Education Statistics and includes degrees from both public and private institutions. These values are reported by the state in which the degree-granting institution is located.

Estimates of the population aged 18–24 are provided by the U.S. Census Bureau based on the 2000 and 2010 Decennial Censuses and are reported by the state of residence. Each year, the Census Bureau utilizes current data on births, deaths, and migration to calculate population change since the most recent decennial census and produces time series of estimates of population. Estimates for states with smaller populations are generally less precise than estimates for states with larger populations.

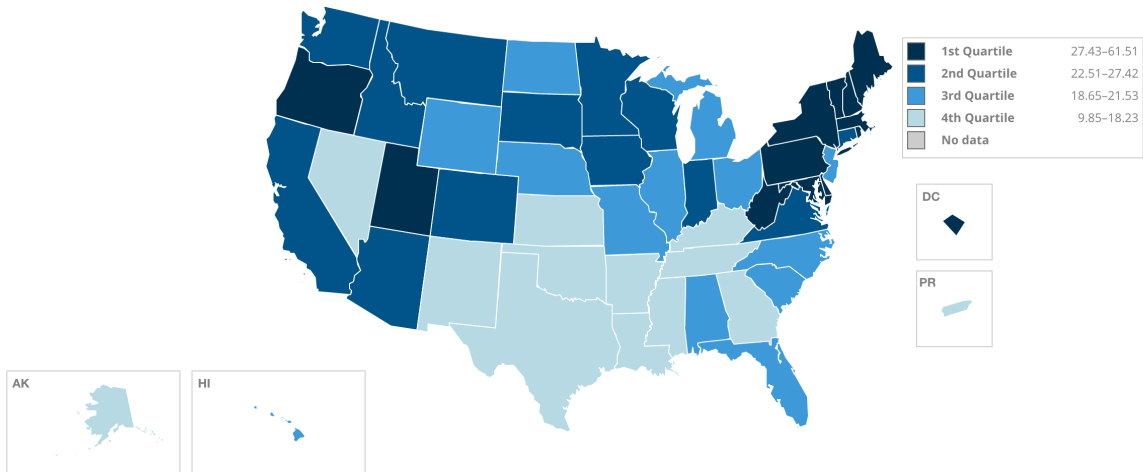
A high value for this indicator may suggest the successful provision of undergraduate training in S&E fields. Student mobility after graduation is not accounted for, which may make this indicator less meaningful in predicting the qualifications of a state's future technical workforce. A state's value for this indicator may also be high when its higher education system draws a large percentage of out-of-state students, a situation that sometimes occurs in states with small resident populations and the District of Columbia. Because these are estimates, small differences in the indicator value between states or across time generally are not meaningful. Estimates for states with smaller populations are generally less precise than estimates for states with larger populations.

Data sources: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System; U.S. Census Bureau, 2000 and 2010 Decennial Censuses and Population Estimates Program.

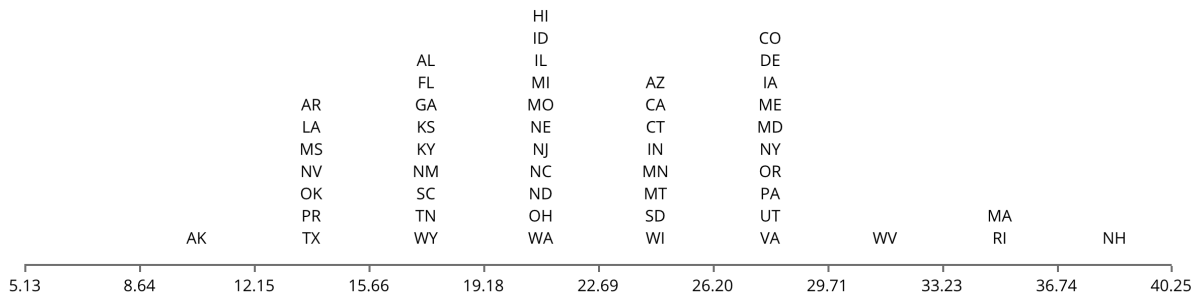
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2017



Distribution of states across indicator values, 2017



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

Bachelor's Degrees in Science and Engineering Conferred per 1,000 Individuals 18–24 Years Old

(Degrees)

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	14.38	14.10	14.40	15.10	15.43	15.75	15.96	16.09	16.23	16.35
Alabama	12.63	12.33	11.57	11.18	11.67	12.59	13.11	13.10	13.09	13.61
Alaska	6.81	6.80	6.17	6.11	6.41	5.98	6.92	6.59	6.71	7.63
Arizona	9.92	9.62	10.76	11.41	12.72	13.34	13.81	14.72	15.29	16.16
Arkansas	9.07	8.97	9.63	9.90	9.75	10.01	9.71	9.75	9.66	9.76
California	13.70	13.69	14.35	14.95	15.35	15.89	16.37	16.28	16.49	16.33
Colorado	20.34	19.23	20.32	20.83	21.32	21.95	23.09	22.81	23.39	22.39
Connecticut	18.86	18.53	18.39	19.47	20.12	19.43	20.17	20.46	20.84	20.92
Delaware	20.35	18.45	20.10	19.45	19.19	19.77	20.40	18.52	18.93	18.80
District of Columbia	39.89	53.47	56.50	58.77	60.02	56.16	62.65	55.15	56.75	52.99
Florida	10.50	10.25	10.51	11.09	11.92	12.02	12.40	12.47	12.73	13.06
Georgia	10.64	10.53	10.96	12.05	13.47	12.64	12.25	12.38	12.38	12.18
Hawaii	14.30	13.24	12.78	12.37	14.18	14.25	14.88	14.68	15.58	16.08
Idaho	10.67	9.81	10.26	11.81	11.07	12.80	14.03	14.16	13.96	15.08
Illinois	13.12	13.12	13.40	14.30	14.05	15.24	15.45	15.37	15.52	15.59
Indiana	14.42	13.92	14.81	15.39	15.61	16.38	16.28	16.73	16.35	15.74
Iowa	18.56	17.72	18.02	19.10	19.09	19.52	19.60	20.65	22.34	24.95
Kansas	14.81	15.32	14.53	15.37	15.51	15.73	15.33	15.94	15.57	15.92
Kentucky	10.28	9.83	10.50	10.05	10.64	10.96	11.93	11.98	12.00	12.03
Louisiana	11.69	11.30	11.38	11.96	11.77	12.11	12.13	12.90	12.46	12.22
Maine	20.27	19.24	19.31	20.75	19.48	20.18	20.37	21.04	22.12	21.51
Maryland	18.93	18.88	19.00	19.98	20.90	21.37	21.24	20.49	20.45	20.63
Massachusetts	27.58	27.22	27.27	27.55	27.82	28.21	27.93	27.31	27.79	27.35

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Michigan	14.74	14.51	14.83	15.63	15.93	15.88	16.07	16.43	17.10	17.35
Minnesota	15.74	15.45	15.86	16.09	16.97	17.99	18.43	18.50	19.54	19.80
Mississippi	8.86	8.97	8.92	8.33	8.74	8.88	9.22	9.79	9.63	9.96
Missouri	15.26	15.26	16.03	16.38	16.54	16.37	16.55	16.65	16.51	16.84
Montana	20.15	19.26	19.01	20.16	19.22	18.32	17.74	19.06	18.47	19.59
Nebraska	15.40	14.55	13.80	13.99	14.41	16.00	16.21	16.57	17.14	17.09
Nevada	5.76	5.13	5.48	5.86	6.96	6.72	8.00	7.50	8.17	8.27
New Hampshire	26.85	23.00	21.98	22.77	24.00	23.53	23.15	23.37	22.73	23.74
New Jersey	15.93	15.38	15.84	16.48	16.81	16.45	16.00	15.81	15.61	15.80
New Mexico	10.89	9.86	9.44	10.40	10.56	10.78	10.71	11.29	10.81	11.40
New York	18.16	18.42	18.25	20.10	20.05	20.28	19.99	19.86	19.81	20.12
North Carolina	14.76	14.34	14.96	15.45	16.02	15.83	15.17	15.93	15.94	15.95
North Dakota	18.11	15.88	16.20	16.87	15.58	15.30	14.95	16.06	16.12	16.37
Ohio	13.06	12.97	13.22	13.79	14.05	14.21	14.52	15.03	14.59	14.81
Oklahoma	11.17	11.00	11.03	10.53	11.45	12.30	12.68	12.85	12.61	12.84
Oregon	16.31	15.35	15.74	16.57	17.79	17.92	18.44	18.65	18.35	18.20
Pennsylvania	19.20	18.74	19.15	20.24	20.55	20.89	20.91	20.84	21.11	21.17
Rhode Island	23.36	21.27	22.18	24.24	24.51	24.54	25.47	24.71	25.94	25.61
South Carolina	12.15	11.84	12.10	12.88	12.51	13.25	13.41	12.96	12.93	13.02
South Dakota	19.31	17.51	17.63	16.99	18.14	17.65	18.74	19.38	19.63	19.21
Tennessee	11.82	11.15	11.67	12.35	12.33	12.39	12.36	12.32	12.57	12.85
Texas	9.41	9.10	9.16	9.82	10.03	10.39	10.51	10.76	10.87	10.88
Utah	16.40	15.49	17.21	19.04	20.20	21.03	21.01	22.06	21.54	21.87
Vermont	32.06	31.17	30.24	29.83	29.33	30.69	30.81	32.36	33.22	36.07
Virginia	18.87	17.72	17.43	17.74	17.42	17.90	18.18	18.19	18.63	18.95
Washington	14.03	13.74	14.03	14.79	15.31	16.27	16.15	16.76	16.22	16.40

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
West Virginia	12.74	12.48	12.83	13.42	12.66	13.37	14.40	15.97	18.13	17.43
Wisconsin	16.46	16.50	16.44	17.33	17.98	17.89	18.28	19.16	19.19	19.63
Wyoming	13.66	11.60	11.57	11.12	10.80	9.82	11.61	10.69	11.85	11.30
Puerto Rico	9.75	9.77	9.87	10.86	10.13	9.91	10.23	10.27	10.24	11.16

Note(s):

The national bachelor's S&E degrees total for the United States includes U.S. territories. The national population total for the United States includes Puerto Rico.

Source(s):

U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (various years), data as of January 2019; U.S. Census Bureau, 2000 and 2010 Decennial Censuses and Population Estimates Program (various years), data as of June 2018.

Recommended Citation: National Science Board. 2018. "Bachelor's Degrees in Science and Engineering Conferred per 1,000 Individuals 18–24 Years Old." Science and Engineering Indicators 2018, State Indicators. Alexandria, VA: National Science Foundation (NSB-2018-1). <https://www.nsf.gov/statistics/state-indicators/indicator/se-bachelors-degrees-per-1000-18-24-year-olds>

Last updated: March 4, 2019

Science and Engineering Indicators 2018

State Indicators

Bachelor's Degrees in Science and Engineering Conferred per 1,000 Individuals 18–24 Years Old

(Degrees)

State	2010	2011	2012	2013	2014	2015	2016	2017
United States	16.87	17.62	18.57	19.31	20.00	20.64	21.36	22.13
Alabama	13.88	15.37	15.73	16.21	16.56	17.15	17.92	19.07
Alaska	8.03	9.10	7.81	8.70	9.17	9.17	9.52	9.85
Arizona	18.71	21.33	27.03	28.50	27.07	24.49	24.12	24.26
Arkansas	10.21	11.06	12.29	12.52	13.72	14.10	14.97	15.10
California	16.64	17.18	17.88	18.89	20.43	21.12	22.26	23.79
Colorado	21.59	22.47	24.19	24.88	26.20	25.91	26.04	27.27
Connecticut	21.11	21.37	22.39	22.72	22.55	23.61	24.32	25.28
Delaware	18.42	20.80	20.86	23.48	24.57	27.22	27.68	27.43
District of Columbia	47.99	47.54	52.79	57.24	57.51	57.74	59.13	61.51
Florida	13.67	14.25	15.38	16.09	16.78	17.99	18.71	18.71
Georgia	12.72	13.43	14.03	15.20	16.11	16.75	17.50	18.23
Hawaii	14.28	15.09	15.23	17.43	17.58	19.08	19.50	20.56
Idaho	16.00	15.76	17.20	19.80	20.75	21.70	22.01	22.51
Illinois	16.07	16.48	17.01	17.56	17.98	18.06	18.94	19.34
Indiana	16.96	18.56	19.40	19.84	20.56	21.77	22.29	23.01
Iowa	31.89	37.64	39.57	38.01	27.21	27.42	26.93	27.42
Kansas	15.91	15.52	16.69	16.55	17.27	17.19	17.87	17.89
Kentucky	12.03	12.51	13.50	13.86	14.25	14.60	15.11	16.18
Louisiana	11.59	12.47	12.93	13.72	14.11	14.54	14.86	15.57
Maine	23.28	24.50	25.27	24.12	25.38	26.44	27.94	27.78
Maryland	21.16	21.89	23.56	24.67	25.30	27.35	28.40	28.98
Massachusetts	28.08	28.99	30.31	31.49	33.06	34.06	35.43	36.32

State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
Michigan	17.85	17.72	18.20	18.45	19.34	19.67	20.56	21.53
Minnesota	20.77	21.81	23.31	24.44	24.87	25.20	25.42	25.82
Mississippi	10.24	10.33	11.11	10.98	12.06	12.10	12.74	13.66
Missouri	17.19	17.71	18.55	19.35	19.42	20.06	21.00	21.11
Montana	18.04	19.50	18.29	20.66	22.74	23.56	22.62	23.96
Nebraska	17.78	18.53	19.06	19.51	20.55	19.26	20.20	20.31
Nevada	8.50	9.12	9.49	9.62	10.56	11.61	11.69	12.19
New Hampshire	25.02	26.21	26.44	27.19	28.18	32.01	32.02	37.16
New Jersey	16.31	16.42	17.59	17.94	18.29	18.91	19.50	20.26
New Mexico	11.26	11.88	12.29	12.66	14.16	13.59	15.08	15.70
New York	20.71	21.49	22.17	23.25	24.18	25.58	26.80	28.00
North Carolina	16.15	17.19	17.92	18.42	19.12	19.41	20.09	20.30
North Dakota	17.45	16.99	17.52	17.59	17.33	19.39	19.33	21.33
Ohio	15.32	16.10	17.14	16.73	17.75	18.76	19.39	20.54
Oklahoma	12.23	12.52	13.25	13.39	13.78	14.05	15.07	15.58
Oregon	19.21	20.02	21.98	23.61	25.55	25.85	25.63	27.58
Pennsylvania	21.53	22.27	23.09	24.52	25.74	26.51	26.99	28.46
Rhode Island	26.44	27.57	28.43	30.37	33.15	34.46	36.51	36.67
South Carolina	13.42	14.57	14.68	15.93	16.81	17.48	17.88	18.66
South Dakota	20.16	20.16	20.42	20.99	21.11	21.10	22.53	23.45
Tennessee	13.07	13.62	14.52	14.65	14.94	15.29	15.88	16.55
Texas	11.18	11.60	11.96	12.44	12.79	13.19	13.76	14.71
Utah	22.20	24.08	25.02	25.14	26.37	27.72	28.24	28.37
Vermont	39.30	39.33	41.17	41.26	38.86	40.31	40.25	41.49
Virginia	20.11	21.65	23.39	24.51	25.40	26.22	26.71	26.56
Washington	17.20	17.71	18.84	20.28	20.44	21.31	21.95	22.52

State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
West Virginia	18.79	20.72	22.54	24.84	27.11	29.14	31.92	31.97
Wisconsin	20.13	20.86	21.34	22.41	23.25	23.71	24.03	24.46
Wyoming	11.80	12.85	13.72	13.55	14.12	14.02	16.30	18.65
Puerto Rico	11.62	11.66	13.85	14.19	16.31	17.19	17.98	13.51

Note(s):

The national bachelor's S&E degrees total for the United States includes U.S. territories. The national population total for the United States includes Puerto Rico.

Source(s):

U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (various years), data as of January 2019; U.S. Census Bureau, 2000 and 2010 Decennial Censuses and Population Estimates Program (various years), data as of June 2018.

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Science and Engineering Indicators 2018

State Indicators

S&E bachelor's degrees

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	398,933	400,734	416,268	442,953	458,658	470,214	478,858	485,772	496,168	505,435
Alabama	5,585	5,525	5,212	5,106	5,346	5,767	6,019	6,063	6,158	6,490
Alaska	393	420	403	417	461	440	515	490	505	559
Arizona	5,154	5,159	5,914	6,386	7,268	7,741	8,174	8,917	9,503	10,173
Arkansas	2,392	2,404	2,620	2,723	2,690	2,748	2,659	2,684	2,693	2,751
California	46,469	47,761	51,063	53,955	56,221	58,536	60,588	60,929	62,852	63,381
Colorado	8,822	8,727	9,429	9,721	10,052	10,375	11,024	10,855	11,261	10,865
Connecticut	5,139	5,161	5,256	5,702	6,010	5,945	6,272	6,450	6,674	6,803
Delaware	1,546	1,449	1,622	1,599	1,589	1,656	1,729	1,609	1,677	1,688
District of Columbia	2,915	3,880	4,057	4,196	4,342	4,173	4,814	4,331	4,640	4,501
Florida	14,094	14,374	15,305	16,774	18,758	19,400	20,500	21,053	21,858	22,608
Georgia	8,990	9,119	9,621	10,648	12,180	11,354	11,219	11,501	11,750	11,782
Hawaii	1,660	1,602	1,593	1,566	1,821	1,854	1,956	1,877	2,003	2,074
Idaho	1,492	1,415	1,505	1,775	1,687	1,960	2,159	2,186	2,168	2,340
Illinois	15,960	16,150	16,527	17,753	17,610	18,943	19,132	19,083	19,330	19,471
Indiana	8,921	8,748	9,358	9,842	10,025	10,477	10,397	10,663	10,520	10,211
Iowa	5,556	5,375	5,525	5,960	6,015	6,117	6,122	6,353	6,865	7,656
Kansas	4,100	4,333	4,191	4,501	4,593	4,667	4,544	4,636	4,551	4,599
Kentucky	4,153	4,041	4,347	4,169	4,438	4,537	4,830	4,885	4,892	4,944
Louisiana	5,568	5,490	5,628	5,999	5,961	6,076	5,574	6,021	5,847	5,782
Maine	2,117	2,062	2,125	2,356	2,242	2,354	2,390	2,450	2,593	2,518
Maryland	8,598	8,878	9,208	9,954	10,619	11,057	11,170	10,974	11,118	11,393
Massachusetts	16,062	16,189	16,436	16,886	17,183	17,589	17,794	17,724	18,384	18,463
Michigan	13,813	13,863	14,360	15,367	15,734	15,591	15,675	15,896	16,594	16,873

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Minnesota	7,453	7,515	7,873	8,186	8,719	9,271	9,541	9,483	10,011	10,060
Mississippi	2,769	2,836	2,831	2,654	2,783	2,784	2,821	2,979	2,937	3,036
Missouri	8,226	8,432	9,032	9,415	9,653	9,578	9,662	9,716	9,685	9,908
Montana	1,736	1,721	1,747	1,925	1,873	1,807	1,763	1,848	1,793	1,874
Nebraska	2,698	2,603	2,516	2,601	2,713	3,039	3,064	3,070	3,164	3,133
Nevada	1,050	975	1,071	1,187	1,474	1,481	1,836	1,781	1,999	2,039
New Hampshire	2,788	2,477	2,443	2,606	2,819	2,826	2,811	2,849	2,791	2,929
New Jersey	10,822	10,617	11,058	11,670	12,031	11,856	11,668	11,673	11,726	12,028
New Mexico	1,939	1,819	1,805	2,051	2,131	2,188	2,163	2,280	2,180	2,308
New York	32,166	33,194	33,166	36,927	37,049	37,642	37,365	37,708	38,371	39,595
North Carolina	12,021	11,826	12,438	12,709	13,483	13,488	13,300	14,074	14,516	14,833
North Dakota	1,329	1,214	1,277	1,379	1,325	1,305	1,286	1,332	1,327	1,326
Ohio	13,874	14,001	14,417	15,198	15,447	15,485	15,723	16,251	15,890	16,257
Oklahoma	4,001	4,067	4,163	4,022	4,425	4,718	4,839	4,881	4,777	4,878
Oregon	5,381	5,177	5,429	5,790	6,205	6,261	6,456	6,579	6,549	6,545
Pennsylvania	21,115	21,007	21,842	23,488	24,114	24,723	25,095	25,312	26,009	26,514
Rhode Island	2,503	2,340	2,501	2,749	2,823	2,837	2,975	2,893	3,072	3,082
South Carolina	4,996	4,951	5,119	5,490	5,446	5,784	5,910	5,847	5,982	6,151
South Dakota	1,506	1,396	1,432	1,412	1,538	1,494	1,582	1,598	1,614	1,571
Tennessee	6,532	6,281	6,627	7,040	7,095	7,156	7,080	7,200	7,409	7,727
Texas	20,831	20,778	21,428	23,438	24,284	25,294	25,896	26,662	27,291	27,723
Utah	5,245	5,090	5,745	6,349	6,645	6,870	6,774	7,060	6,885	6,986
Vermont	1,821	1,834	1,832	1,867	1,875	1,992	2,020	2,115	2,163	2,349
Virginia	12,933	12,522	12,538	13,043	13,132	13,748	14,209	14,318	14,764	15,158
Washington	7,905	8,055	8,450	9,069	9,458	10,121	10,158	10,546	10,423	10,692
West Virginia	2,204	2,176	2,240	2,347	2,198	2,285	2,422	2,661	3,012	2,929



State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Wisconsin	8,604	8,818	8,964	9,658	10,129	10,118	10,318	10,700	10,662	10,871
Wyoming	685	601	624	620	615	557	657	605	675	649
Puerto Rico	4,187	4,208	4,223	4,597	4,227	4,042	4,076	4,003	3,940	4,237

Science and Engineering Indicators 2018

State Indicators

S&E bachelor's degrees

State	2010	2011	2012	2013	2014	2015	2016	2017
United States	525,374	554,365	589,567	615,475	635,915	650,057	666,157	684,557
Alabama	6,660	7,406	7,628	7,881	7,952	8,087	8,282	8,702
Alaska	605	693	608	692	721	706	710	711
Arizona	11,893	13,812	17,861	19,001	18,197	16,459	16,225	16,315
Arkansas	2,913	3,196	3,565	3,638	3,977	4,039	4,236	4,249
California	65,434	68,228	71,725	75,749	81,455	82,941	85,773	90,372
Colorado	10,601	11,173	12,143	12,649	13,477	13,452	13,580	14,215
Connecticut	6,991	7,213	7,655	7,882	7,913	8,318	8,580	8,903
Delaware	1,676	1,916	1,942	2,160	2,209	2,380	2,373	2,331
District of Columbia	4,136	3,979	4,293	4,514	4,443	4,393	4,452	4,599
Florida	23,844	25,263	27,464	28,826	29,939	31,782	32,759	32,587
Georgia	12,403	13,327	14,179	15,354	16,306	16,914	17,559	18,294
Hawaii	1,873	1,995	2,025	2,330	2,339	2,501	2,491	2,553
Idaho	2,469	2,444	2,683	3,099	3,258	3,377	3,455	3,575
Illinois	20,037	20,589	21,329	22,040	22,439	22,271	23,002	23,109
Indiana	11,044	12,224	12,921	13,340	13,853	14,561	14,789	15,138
Iowa	9,777	11,742	12,523	12,215	8,822	8,892	8,688	8,788
Kansas	4,597	4,515	4,954	4,961	5,200	5,173	5,334	5,300
Kentucky	5,000	5,271	5,759	5,977	6,116	6,214	6,357	6,769
Louisiana	5,503	5,925	6,152	6,501	6,578	6,638	6,605	6,777
Maine	2,699	2,854	2,939	2,774	2,881	2,959	3,100	3,046
Maryland	11,831	12,388	13,316	13,928	14,176	15,123	15,492	15,668
Massachusetts	19,226	20,023	20,992	21,931	23,128	23,817	24,839	25,440
Michigan	17,428	17,573	18,361	18,756	19,635	19,695	20,223	20,902

State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
Minnesota	10,444	11,012	11,802	12,411	12,644	12,777	12,906	13,051
Mississippi	3,131	3,191	3,464	3,459	3,745	3,676	3,790	3,993
Missouri	10,135	10,473	11,033	11,543	11,517	11,772	12,154	12,054
Montana	1,714	1,888	1,800	2,052	2,265	2,340	2,241	2,356
Nebraska	3,252	3,415	3,551	3,668	3,914	3,689	3,887	3,880
Nevada	2,114	2,270	2,393	2,430	2,666	2,894	2,904	3,035
New Hampshire	3,090	3,284	3,351	3,478	3,640	4,117	4,102	4,721
New Jersey	12,555	12,819	13,906	14,328	14,658	15,085	15,464	15,952
New Mexico	2,304	2,466	2,580	2,661	2,951	2,785	3,044	3,127
New York	41,090	42,904	44,316	46,279	47,640	49,375	50,856	52,423
North Carolina	15,399	16,543	17,467	18,100	18,730	18,971	19,564	19,743
North Dakota	1,417	1,418	1,520	1,595	1,589	1,780	1,719	1,844
Ohio	16,891	17,872	19,130	18,693	19,682	20,522	20,962	22,056
Oklahoma	4,665	4,815	5,160	5,249	5,383	5,460	5,781	5,917
Oregon	6,892	7,242	8,008	8,593	9,304	9,383	9,306	10,012
Pennsylvania	27,181	28,273	29,288	30,858	31,894	32,173	32,196	33,480
Rhode Island	3,180	3,326	3,425	3,600	3,891	3,995	4,181	4,171
South Carolina	6,406	7,017	7,132	7,741	8,104	8,329	8,433	8,727
South Dakota	1,649	1,669	1,712	1,774	1,782	1,768	1,883	1,942
Tennessee	7,939	8,370	9,078	9,201	9,356	9,476	9,758	10,137
Texas	28,881	30,453	32,023	33,748	35,121	36,423	38,068	40,713
Utah	7,068	7,751	8,185	8,377	8,810	9,340	9,619	9,806
Vermont	2,562	2,596	2,735	2,770	2,625	2,727	2,716	2,774
Virginia	16,167	17,594	19,109	20,122	20,829	21,338	21,584	21,380
Washington	11,184	11,652	12,487	13,482	13,544	14,017	14,377	14,701
West Virginia	3,182	3,539	3,874	4,281	4,627	4,850	5,175	5,070



State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
Wisconsin	11,067	11,546	11,923	12,617	13,143	13,380	13,502	13,631
Wyoming	664	724	793	795	812	789	891	980
Puerto Rico	4,367	4,370	5,154	5,233	5,874	5,974	6,022	4,350

Science and Engineering Indicators 2018

State Indicators

Individuals 18–24 years old

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	27,744,738	28,423,532	28,908,773	29,340,084	29,719,320	29,849,590	30,001,425	30,197,665	30,579,025	30,909,846
Alabama	442,244	447,963	450,657	456,549	457,934	458,170	459,114	462,996	470,431	476,884
Alaska	57,670	61,774	65,287	68,253	71,882	73,591	74,369	74,383	75,206	73,249
Arizona	519,627	536,018	549,407	559,859	571,196	580,341	591,986	605,860	621,451	629,438
Arkansas	263,749	268,131	272,203	275,122	275,779	274,439	273,882	275,325	278,835	281,953
California	3,391,356	3,488,933	3,557,190	3,608,183	3,661,991	3,684,405	3,700,882	3,742,151	3,812,579	3,882,345
Colorado	433,665	453,712	464,101	466,666	471,390	472,661	477,387	475,931	481,504	485,310
Connecticut	272,527	278,499	285,757	292,790	298,738	306,038	310,891	315,199	320,268	325,143
Delaware	75,953	78,530	80,679	82,204	82,812	83,750	84,759	86,897	88,587	89,792
District of Columbia	73,084	72,568	71,806	71,395	72,344	74,299	76,839	78,528	81,763	84,944
Florida	1,341,695	1,401,785	1,456,250	1,513,146	1,573,346	1,614,399	1,652,892	1,687,966	1,717,154	1,731,012
Georgia	844,819	866,190	877,530	883,347	904,353	898,133	915,634	928,910	948,921	967,705
Hawaii	116,069	120,970	124,630	126,618	128,434	130,135	131,489	127,842	128,537	128,942
Idaho	139,787	144,212	146,715	150,356	152,372	153,122	153,844	154,347	155,327	155,175
Illinois	1,216,712	1,230,513	1,233,528	1,241,064	1,253,340	1,243,356	1,238,706	1,241,440	1,245,766	1,249,006
Indiana	618,678	628,372	631,917	639,311	642,292	639,669	638,724	637,509	643,543	648,815
Iowa	299,309	303,271	306,683	311,990	315,079	313,294	312,319	307,599	307,267	306,811
Kansas	276,874	282,851	288,353	292,928	296,216	296,639	296,431	290,759	292,316	288,906
Kentucky	404,122	411,270	414,048	414,808	417,231	414,078	405,029	407,676	407,552	411,033
Louisiana	476,115	485,975	494,717	501,600	506,373	501,875	459,662	466,575	469,138	473,182
Maine	104,441	107,177	110,043	113,528	115,063	116,655	117,346	116,426	117,246	117,074
Maryland	454,223	470,318	484,638	498,098	508,100	517,295	525,903	535,532	543,624	552,217
Massachusetts	582,419	594,747	602,799	612,982	617,664	623,551	637,145	648,900	661,626	674,971
Michigan	936,873	955,459	968,580	983,181	987,400	982,064	975,541	967,382	970,359	972,787

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Minnesota	473,390	486,444	496,503	508,666	513,913	515,385	517,679	512,542	512,238	508,202
Mississippi	312,494	316,243	317,256	318,421	318,565	313,339	306,076	304,284	304,997	304,758
Missouri	539,169	552,622	563,553	574,714	583,646	584,938	583,691	583,425	586,722	588,424
Montana	86,160	89,343	91,911	95,495	97,456	98,622	99,357	96,964	97,094	95,647
Nebraska	175,138	178,947	182,262	185,977	188,301	189,908	188,966	185,312	184,622	183,325
Nevada	182,316	190,232	195,507	202,535	211,757	220,418	229,614	237,590	244,687	246,657
New Hampshire	103,843	107,717	111,142	114,468	117,460	120,104	121,400	121,926	122,815	123,384
New Jersey	679,480	690,374	698,237	707,974	715,500	720,555	729,181	738,538	751,070	761,463
New Mexico	178,009	184,493	191,116	197,243	201,894	202,928	202,027	201,915	201,729	202,410
New York	1,770,901	1,802,422	1,817,402	1,837,040	1,847,979	1,855,760	1,869,014	1,898,728	1,936,825	1,968,102
North Carolina	814,559	824,717	831,246	822,476	841,493	852,278	876,910	883,733	910,643	930,168
North Dakota	73,369	76,459	78,829	81,755	85,049	85,272	85,992	82,958	82,307	81,007
Ohio	1,062,598	1,079,689	1,090,537	1,102,013	1,099,582	1,089,625	1,083,220	1,081,338	1,089,460	1,098,028
Oklahoma	358,278	369,614	377,519	382,018	386,493	383,690	381,715	379,930	378,846	379,849
Oregon	329,918	337,357	344,972	349,353	348,770	349,448	350,178	352,686	356,879	359,611
Pennsylvania	1,099,628	1,121,223	1,140,351	1,160,469	1,173,247	1,183,666	1,200,427	1,214,618	1,231,877	1,252,413
Rhode Island	107,167	109,990	112,756	113,403	115,173	115,595	116,788	117,090	118,410	120,362
South Carolina	411,181	418,111	422,972	426,375	435,193	436,657	440,769	451,135	462,550	472,254
South Dakota	78,009	79,716	81,213	83,126	84,773	84,665	84,428	82,444	82,232	81,791
Tennessee	552,574	563,268	567,742	569,833	575,572	577,652	572,909	584,262	589,192	601,552
Texas	2,213,745	2,283,119	2,340,371	2,386,950	2,420,595	2,434,329	2,463,849	2,477,138	2,511,528	2,548,560
Utah	319,748	328,513	333,724	333,377	328,927	326,725	322,408	320,017	319,576	319,374
Vermont	56,798	58,845	60,590	62,583	63,919	64,910	65,566	65,359	65,116	65,131
Virginia	685,504	706,828	719,251	735,315	753,770	767,898	781,520	787,086	792,590	799,881
Washington	563,285	586,456	602,467	613,184	617,717	622,059	628,998	629,091	642,409	652,077
West Virginia	173,008	174,409	174,600	174,922	173,667	170,930	168,204	166,625	166,170	168,023



State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Wisconsin	522,855	534,453	545,215	557,344	563,471	565,538	564,587	558,563	555,711	553,763
Wyoming	50,139	51,810	53,946	55,739	56,968	56,693	56,592	56,595	56,979	57,436
Puerto Rico	429,464	430,880	428,065	423,338	417,141	408,044	398,586	389,640	384,751	379,500

Science and Engineering Indicators 2018

State Indicators

Individuals 18–24 years old

State	2010	2011	2012	2013	2014	2015	2016	2017
United States	31,139,055	31,456,837	31,750,769	31,866,912	31,788,127	31,502,485	31,187,877	30,938,467
Alabama	479,785	481,711	484,911	486,117	480,309	471,505	462,142	456,229
Alaska	75,377	76,131	77,806	79,564	78,638	77,012	74,589	72,209
Arizona	635,780	647,558	660,675	666,636	672,297	672,029	672,655	672,443
Arkansas	285,436	289,066	290,096	290,527	289,787	286,415	282,961	281,348
California	3,932,188	3,972,454	4,011,541	4,009,760	3,987,316	3,927,331	3,853,557	3,798,952
Colorado	491,061	497,160	501,944	508,501	514,413	519,135	521,486	521,230
Connecticut	331,211	337,552	341,889	346,882	350,882	352,349	352,760	352,183
Delaware	91,002	92,137	93,100	92,009	89,923	87,442	85,739	84,974
District of Columbia	86,179	83,703	81,323	78,863	77,260	76,087	75,292	74,764
Florida	1,744,695	1,772,338	1,785,840	1,791,939	1,783,983	1,766,981	1,750,515	1,741,788
Georgia	975,115	992,263	1,010,840	1,010,276	1,011,971	1,009,674	1,003,327	1,003,431
Hawaii	131,188	132,190	132,998	133,668	133,040	131,091	127,714	124,183
Idaho	154,327	155,119	156,006	156,537	157,040	155,614	156,942	158,794
Illinois	1,246,999	1,249,422	1,254,021	1,255,322	1,247,958	1,232,862	1,214,544	1,195,103
Indiana	651,325	658,714	666,187	672,396	673,726	668,916	663,427	657,874
Iowa	306,541	311,964	316,479	321,367	324,207	324,248	322,559	320,538
Kansas	288,908	290,898	296,902	299,711	301,119	300,906	298,419	296,269
Kentucky	415,720	421,218	426,669	431,181	429,280	425,724	420,661	418,416
Louisiana	474,866	474,965	475,692	473,702	466,290	456,420	444,467	435,147
Maine	115,954	116,469	116,319	115,028	113,519	111,929	110,963	109,662
Maryland	559,007	565,906	565,111	564,660	560,329	552,872	545,558	540,688
Massachusetts	684,600	690,803	692,661	696,522	699,572	699,308	701,017	700,399
Michigan	976,094	991,880	1,008,671	1,016,343	1,015,260	1,001,071	983,509	970,807

State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
Minnesota	502,747	504,806	506,361	507,767	508,492	507,075	507,662	505,388
Mississippi	305,738	308,927	311,864	314,945	310,546	303,693	297,532	292,380
Missouri	589,600	591,335	594,876	596,543	593,139	586,831	578,871	570,952
Montana	95,012	96,826	98,399	99,306	99,617	99,306	99,078	98,346
Nebraska	182,867	184,260	186,269	188,025	190,444	191,541	192,453	191,018
Nevada	248,676	249,036	252,168	252,659	252,374	249,328	248,356	249,027
New Hampshire	123,515	125,305	126,746	127,900	129,151	128,629	128,104	127,059
New Jersey	769,955	780,839	790,537	798,705	801,498	797,915	792,942	787,218
New Mexico	204,678	207,630	209,912	210,212	208,405	204,928	201,923	199,146
New York	1,984,496	1,996,373	1,999,257	1,990,407	1,969,993	1,930,318	1,897,797	1,872,542
North Carolina	953,268	962,231	974,522	982,405	979,396	977,580	974,053	972,516
North Dakota	81,185	83,463	86,735	90,674	91,717	91,796	88,915	86,439
Ohio	1,102,651	1,110,312	1,116,137	1,117,203	1,108,759	1,094,036	1,081,324	1,073,568
Oklahoma	381,556	384,549	389,566	392,120	390,581	388,480	383,720	379,876
Oregon	358,842	361,686	364,320	363,950	364,171	362,925	363,089	363,082
Pennsylvania	1,262,414	1,269,548	1,268,573	1,258,658	1,238,864	1,213,439	1,192,715	1,176,379
Rhode Island	120,251	120,643	120,491	118,552	117,390	115,937	114,522	113,736
South Carolina	477,418	481,484	485,915	485,943	482,211	476,385	471,514	467,788
South Dakota	81,798	82,799	83,843	84,529	84,430	83,778	83,563	82,803
Tennessee	607,314	614,511	625,319	628,053	626,120	619,934	614,477	612,673
Texas	2,582,712	2,624,887	2,677,195	2,711,843	2,744,926	2,760,990	2,765,722	2,768,427
Utah	318,357	321,950	327,180	333,150	334,032	336,951	340,583	345,661
Vermont	65,196	66,010	66,426	67,135	67,543	67,659	67,477	66,853
Virginia	804,089	812,493	817,056	821,124	820,014	813,788	808,095	804,935
Washington	650,149	658,103	662,837	664,723	662,658	657,739	654,990	652,869
West Virginia	169,317	170,833	171,866	172,370	170,686	166,416	162,117	158,605



State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
Wisconsin	549,719	553,402	558,706	563,124	565,250	564,290	561,796	557,213
Wyoming	56,295	56,327	57,789	58,675	57,513	56,261	54,675	52,539
Puerto Rico	375,882	374,648	372,223	368,701	360,088	347,616	335,009	321,998

Science and Engineering Indicators 2018