

## State Indicators

# S-22 Advanced Science and Engineering Degrees as a Percentage of S&E Degrees Conferred

---

## Description

---

This indicator represents the extent to which a state's higher education programs in S&E are concentrated at the graduate level. 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. Advanced S&E degrees include master's and doctoral degrees. Total S&E degrees include bachelor's, master's, and doctoral degrees but exclude associate's degrees.

The indicator value is computed by dividing the number of advanced S&E degrees by the total number of S&E degrees awarded by the higher education institutions within the state. The number of degrees awarded 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.

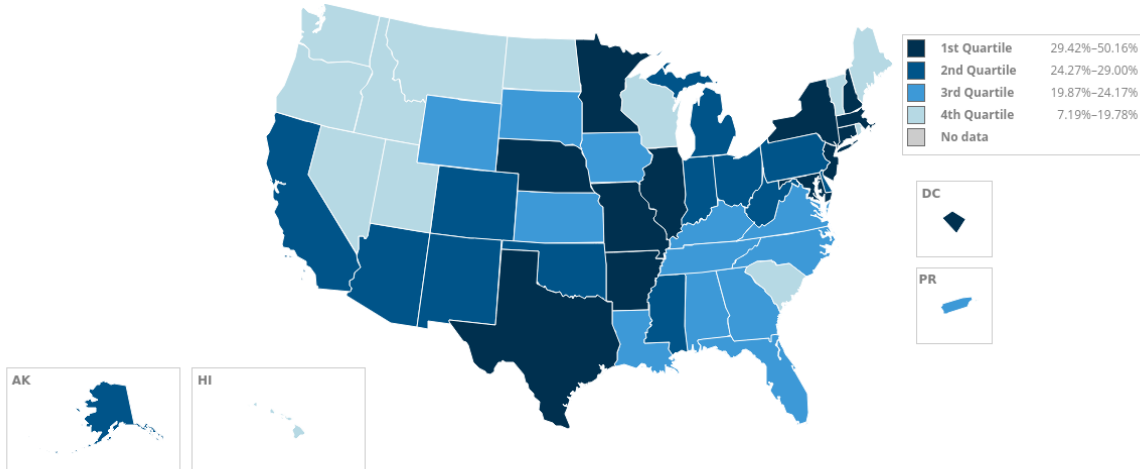
Student mobility after graduation is not accounted for, which may make this indicator less meaningful in predicting the qualifications of a state's future technical workforce. In states with few S&E graduate programs, the number of advanced S&E degrees conferred may vary considerably from year to year. Readers should use caution when making annual comparisons for those states with small numbers of S&E graduate students.

Data source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System.

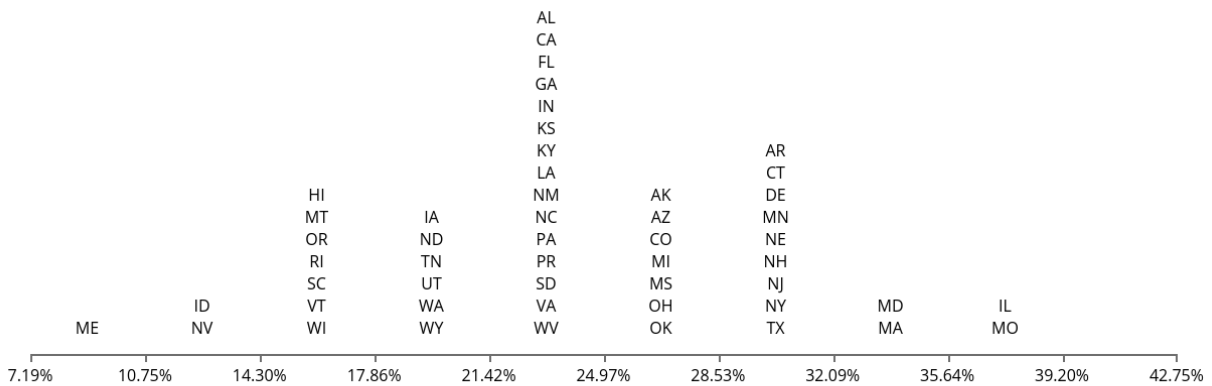
# State Indicators

## S-22 Advanced Science and Engineering Degrees as a Percentage of S&E Degrees Conferred

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

### Advanced Science and Engineering Degrees as a Percentage of S&E Degrees Conferred

(Percent)

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	23.37	23.78	22.94	23.20	24.13	24.12	24.03	23.94	24.36	24.92
Alabama	25.75	26.27	27.64	27.26	28.34	28.25	27.60	27.36	27.27	27.07
Alaska	32.01	30.46	27.91	31.75	32.50	34.91	28.37	32.41	32.76	30.30
Arizona	25.20	24.13	21.26	21.62	21.81	19.47	18.84	18.34	18.05	24.26
Arkansas	15.42	15.47	15.37	15.70	16.46	16.88	17.81	17.06	18.79	18.85
California	24.94	24.59	23.25	23.06	24.56	24.53	24.43	24.55	24.46	25.06
Colorado	24.81	24.81	23.38	24.54	24.87	24.52	23.02	23.09	22.88	23.91
Connecticut	25.38	25.52	25.00	26.77	24.86	27.09	24.81	24.88	25.93	29.25
Delaware	20.31	22.43	19.34	21.89	22.60	23.44	21.98	25.37	24.53	24.68
District of Columbia	49.69	44.08	42.75	42.08	42.32	44.29	41.96	45.10	44.18	46.85
Florida	22.95	23.72	23.45	22.45	22.43	21.92	20.81	21.29	22.01	22.05
Georgia	23.52	24.53	24.44	24.62	23.80	23.32	23.56	23.46	23.93	25.31
Hawaii	25.73	28.06	24.54	27.23	23.84	23.13	22.72	24.50	24.07	21.91
Idaho	18.16	19.42	16.90	18.80	16.11	17.79	18.87	18.04	17.22	16.34
Illinois	28.96	29.37	28.29	29.27	31.28	30.45	31.34	31.90	32.89	32.22
Indiana	21.77	21.81	19.89	20.14	21.46	21.33	21.48	21.31	21.83	22.94
Iowa	15.96	15.87	16.47	15.90	16.31	17.09	17.42	16.51	16.48	15.67
Kansas	22.05	21.28	20.55	21.91	22.45	22.50	21.90	21.12	23.10	22.31
Kentucky	18.42	19.42	18.66	21.07	23.26	25.48	23.54	24.68	24.69	23.72
Louisiana	20.43	20.53	20.35	18.89	21.03	22.59	23.46	21.90	20.42	19.68
Maine	8.04	7.78	7.61	7.86	8.19	7.69	8.95	7.96	8.67	8.40
Maryland	29.73	30.15	29.90	29.23	29.27	29.46	29.62	30.81	31.17	31.01
Massachusetts	29.12	29.13	29.16	30.02	30.82	30.34	30.05	30.87	30.45	30.88

## State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Michigan	25.88	26.37	25.89	27.06	27.84	26.92	25.80	25.93	25.36	26.01
Minnesota	17.76	19.51	19.25	19.79	21.84	22.19	22.96	24.35	25.17	27.56
Mississippi	18.49	18.32	20.43	21.25	23.10	22.17	22.03	21.95	23.20	22.89
Missouri	25.37	25.89	24.75	25.82	25.61	26.49	24.20	24.64	26.29	26.41
Montana	17.49	17.22	17.24	16.74	18.17	19.83	19.46	19.34	19.05	18.45
Nebraska	19.34	21.12	19.57	21.37	21.91	21.00	21.27	20.30	21.80	25.28
Nevada	23.08	23.77	20.61	23.76	21.76	24.55	22.79	18.08	20.89	21.12
New Hampshire	16.58	19.63	19.11	18.56	19.57	18.32	20.14	18.13	22.86	20.49
New Jersey	22.37	23.30	22.76	23.63	24.29	24.33	25.22	25.32	26.47	27.26
New Mexico	26.44	28.89	28.37	26.33	28.63	28.61	31.64	27.89	29.22	29.09
New York	25.07	25.63	25.71	25.20	26.36	26.87	27.13	26.43	27.18	27.23
North Carolina	17.95	18.68	17.80	18.65	19.52	19.06	19.59	19.55	20.07	20.56
North Dakota	12.51	13.10	14.12	14.67	14.35	15.20	15.51	18.98	18.69	17.64
Ohio	23.45	23.23	22.01	21.80	22.65	23.67	23.32	22.08	23.41	23.06
Oklahoma	33.12	31.23	28.97	31.14	31.73	25.61	22.49	21.75	21.65	23.59
Oregon	18.57	20.02	17.79	18.49	20.21	19.78	19.34	18.71	18.42	17.93
Pennsylvania	20.51	20.77	20.45	20.82	21.66	21.46	22.45	22.14	22.58	23.23
Rhode Island	16.90	18.52	18.45	16.21	18.46	17.70	18.47	18.30	18.17	18.53
South Carolina	16.08	18.19	15.72	15.56	15.81	15.62	15.54	15.29	15.44	15.50
South Dakota	16.93	21.35	17.98	21.25	21.53	24.01	22.07	20.66	20.77	21.06
Tennessee	18.64	19.34	17.30	17.15	18.78	18.21	19.10	18.90	18.97	19.52
Texas	25.50	26.43	25.06	25.73	26.91	26.92	26.63	25.89	26.16	27.42
Utah	16.60	17.25	14.90	14.31	16.15	15.74	16.11	15.63	16.27	16.22
Vermont	18.34	14.82	14.51	9.50	16.67	20.57	21.58	23.43	26.25	25.29
Virginia	20.65	20.86	20.46	21.00	22.54	22.81	23.53	23.41	24.95	27.20
Washington	18.67	19.54	19.30	19.64	18.65	18.70	19.33	19.18	19.43	19.09

## State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
West Virginia	19.85	19.38	18.01	18.02	21.78	22.41	20.75	18.12	19.64	22.35
Wisconsin	16.14	16.41	15.22	15.81	16.34	16.98	16.30	16.52	16.24	15.60
Wyoming	24.73	27.68	24.36	24.30	24.35	26.42	23.34	25.49	21.33	22.65
Puerto Rico	12.90	13.18	13.37	13.02	15.70	16.09	18.35	19.65	19.30	19.95

**Note(s):**

Advanced S&E degrees include only master's and doctoral degrees. The national advanced S&E degrees total for the United States includes U.S. territories. All S&E degrees include bachelor's, master's, and doctoral degrees. The national S&E degrees total for the United States includes U.S. territories.

**Source(s):**

U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (various years), data as of January 2019.

Recommended Citation: National Science Board. 2018. "Advanced Science and Engineering Degrees as a Percentage of S&E Degrees Conferred." Science and Engineering Indicators 2018, State Indicators. Alexandria, VA: National Science Foundation (NSB-2018-1). <https://www.nsf.gov/statistics/state-indicators/indicator/advanced-se-degrees-to-all-se-degrees>

Last updated: March 4, 2019

*Science and Engineering Indicators 2018*

## State Indicators

### Advanced Science and Engineering Degrees as a Percentage of S&E Degrees Conferred

(Percent)

State	2010	2011	2012	2013	2014	2015	2016	2017
United States	24.73	25.01	25.02	24.83	24.84	25.30	26.27	26.41
Alabama	25.58	25.44	24.14	23.64	22.77	22.96	24.28	23.75
Alaska	30.22	24.76	30.11	26.54	26.65	25.68	28.43	26.09
Arizona	24.34	23.92	23.30	22.30	24.40	24.68	25.45	25.34
Arkansas	21.74	22.45	20.83	21.10	19.58	20.23	22.91	30.32
California	24.81	25.55	25.18	24.53	23.87	23.67	24.76	24.27
Colorado	25.55	26.54	28.25	27.60	27.29	27.14	27.83	27.81
Connecticut	27.39	26.32	26.56	25.78	26.86	26.76	31.11	30.93
Delaware	23.64	23.73	23.06	20.65	23.30	26.38	29.69	29.00
District of Columbia	46.01	48.61	48.27	49.51	50.90	50.85	49.81	50.16
Florida	22.19	21.69	21.70	21.80	21.91	20.90	21.68	22.45
Georgia	22.70	23.26	22.96	22.34	21.98	20.96	22.08	22.89
Hawaii	24.48	23.09	24.58	20.83	19.46	20.68	18.81	17.06
Idaho	15.53	16.93	17.37	15.63	13.72	12.29	13.04	12.05
Illinois	32.19	33.27	33.41	32.51	31.45	33.40	35.12	36.25
Indiana	21.93	22.48	23.01	22.77	22.43	23.25	22.59	24.66
Iowa	16.11	11.69	14.08	15.41	19.12	19.41	20.59	21.19
Kansas	22.26	24.90	23.83	22.59	22.91	25.28	23.00	24.06
Kentucky	23.28	23.42	24.05	24.33	23.57	23.55	24.11	22.81
Louisiana	22.79	21.65	22.08	21.24	20.02	21.23	22.31	22.04
Maine	7.47	8.02	8.27	7.78	8.66	8.98	8.42	7.19
Maryland	30.70	31.33	31.29	32.17	32.28	31.42	31.23	32.23
Massachusetts	30.86	30.93	31.75	31.76	31.36	31.61	32.47	32.54

## State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
Michigan	24.92	25.18	25.74	25.84	25.44	26.17	27.28	27.62
Minnesota	28.88	30.54	29.82	30.37	29.99	29.35	30.61	31.63
Mississippi	24.63	25.41	24.81	25.16	24.62	27.71	24.94	25.32
Missouri	25.46	26.88	27.00	25.60	26.10	30.82	32.75	35.66
Montana	19.00	18.37	20.21	16.31	15.14	16.52	16.66	15.49
Nebraska	23.54	23.74	25.91	26.23	24.82	28.12	28.59	29.82
Nevada	21.15	19.33	17.34	18.40	15.28	14.86	15.24	13.34
New Hampshire	21.97	18.85	17.32	18.66	18.24	21.08	27.53	30.09
New Jersey	27.82	26.49	26.08	24.61	26.38	27.29	29.77	29.89
New Mexico	26.32	26.15	26.58	26.84	25.65	27.15	25.25	24.30
New York	27.38	28.14	28.05	27.76	27.61	28.38	28.88	29.42
North Carolina	21.19	20.83	21.70	21.99	22.50	22.49	23.66	24.06
North Dakota	16.89	18.65	20.08	19.93	22.64	21.62	21.44	19.69
Ohio	22.32	22.61	22.59	22.79	23.38	24.18	26.08	25.92
Oklahoma	24.79	25.96	26.61	25.26	24.37	25.40	26.19	27.74
Oregon	17.37	17.39	17.37	16.51	15.71	16.33	16.38	16.68
Pennsylvania	23.81	24.11	24.28	24.34	25.18	25.11	25.54	24.78
Rhode Island	18.71	18.42	19.79	18.35	17.09	16.35	17.66	17.54
South Carolina	15.06	14.67	15.36	15.12	14.79	15.64	15.25	14.69
South Dakota	20.49	22.48	22.92	22.40	22.05	25.34	24.50	23.24
Tennessee	18.77	18.29	18.71	18.86	19.63	19.46	19.97	20.97
Texas	27.26	28.20	27.82	28.14	27.99	30.55	32.41	31.43
Utah	16.14	17.53	16.79	18.06	18.17	17.99	17.55	18.90
Vermont	22.64	22.35	22.81	29.39	22.50	21.00	21.16	17.47
Virginia	25.80	25.68	25.67	25.65	26.74	26.99	27.82	24.17
Washington	19.29	18.34	17.98	17.87	18.35	18.69	19.18	19.78

## State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
West Virginia	24.56	29.92	30.03	29.67	28.66	26.12	24.50	24.27
Wisconsin	15.80	16.10	15.92	15.19	15.45	15.56	15.96	16.04
Wyoming	22.70	26.20	23.53	23.70	25.71	21.57	21.01	19.87
Puerto Rico	18.95	19.62	16.96	18.07	17.50	16.34	20.28	22.47

**Note(s):**

Advanced S&E degrees include only master's and doctoral degrees. The national advanced S&E degrees total for the United States includes U.S. territories. All S&E degrees include bachelor's, master's, and doctoral degrees. The national S&E degrees total for the United States includes U.S. territories.

**Source(s):**

U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (various years), data as of January 2019.

Recommended Citation: National Science Board. 2018. "Advanced Science and Engineering Degrees as a Percentage of S&E Degrees Conferred." Science and Engineering Indicators 2018, State Indicators. Alexandria, VA: National Science Foundation (NSB-2018-1). <https://www.nsf.gov/statistics/state-indicators/indicator/advanced-se-degrees-to-all-se-degrees>

Last updated: March 4, 2019

*Science and Engineering Indicators 2018*



## State Indicators

### Advanced S&E degrees

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	121,691	125,009	123,937	133,836	145,869	149,431	151,451	152,866	159,763	167,801
Alabama	1,937	1,969	1,991	1,914	2,114	2,271	2,294	2,284	2,309	2,409
Alaska	185	184	156	194	222	236	204	235	246	243
Arizona	1,736	1,641	1,597	1,761	2,027	1,872	1,898	2,002	2,093	3,259
Arkansas	436	440	476	507	530	558	576	552	623	639
California	15,443	15,576	15,467	16,167	18,301	19,021	19,584	19,823	20,353	21,198
Colorado	2,911	2,879	2,877	3,162	3,327	3,370	3,296	3,258	3,340	3,415
Connecticut	1,748	1,768	1,752	2,084	1,988	2,209	2,069	2,136	2,337	2,812
Delaware	394	419	389	448	464	507	487	547	545	553
District of Columbia	2,879	3,059	3,030	3,048	3,186	3,317	3,480	3,558	3,673	3,968
Florida	4,199	4,469	4,689	4,856	5,423	5,445	5,387	5,694	6,168	6,396
Georgia	2,764	2,964	3,112	3,477	3,805	3,453	3,458	3,525	3,697	3,993
Hawaii	575	625	518	586	570	558	575	609	635	582
Idaho	331	341	306	411	324	424	502	481	451	457
Illinois	6,507	6,717	6,519	7,348	8,014	8,294	8,731	8,940	9,475	9,254
Indiana	2,483	2,440	2,324	2,482	2,739	2,840	2,844	2,887	2,937	3,040
Iowa	1,055	1,014	1,089	1,127	1,172	1,261	1,291	1,256	1,355	1,423
Kansas	1,160	1,171	1,084	1,263	1,330	1,355	1,274	1,241	1,367	1,321
Kentucky	938	974	997	1,113	1,345	1,551	1,487	1,601	1,604	1,537
Louisiana	1,430	1,418	1,438	1,397	1,587	1,773	1,708	1,688	1,500	1,417
Maine	185	174	175	201	200	196	235	212	246	231
Maryland	3,637	3,832	3,927	4,112	4,394	4,618	4,700	4,886	5,035	5,121
Massachusetts	6,600	6,654	6,764	7,245	7,654	7,662	7,645	7,913	8,050	8,249
Michigan	4,823	4,964	5,016	5,701	6,069	5,744	5,449	5,564	5,637	5,931

## State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Minnesota	1,609	1,822	1,877	2,020	2,437	2,644	2,844	3,053	3,368	3,827
Mississippi	628	636	727	716	836	793	797	838	887	901
Missouri	2,796	2,946	2,971	3,277	3,324	3,452	3,085	3,176	3,455	3,556
Montana	368	358	364	387	416	447	426	443	422	424
Nebraska	647	697	612	707	761	808	828	782	882	1,060
Nevada	315	304	278	370	410	482	542	393	528	546
New Hampshire	554	605	577	594	686	634	709	631	827	755
New Jersey	3,118	3,225	3,258	3,611	3,859	3,811	3,935	3,957	4,221	4,507
New Mexico	697	739	715	733	855	877	1,001	882	900	947
New York	10,760	11,441	11,475	12,438	13,261	13,828	13,912	13,544	14,320	14,817
North Carolina	2,630	2,717	2,694	2,913	3,271	3,177	3,241	3,421	3,644	3,838
North Dakota	190	183	210	237	222	234	236	312	305	284
Ohio	4,249	4,237	4,068	4,236	4,524	4,802	4,782	4,605	4,856	4,872
Oklahoma	1,981	1,847	1,698	1,819	2,057	1,624	1,404	1,357	1,320	1,506
Oregon	1,227	1,296	1,175	1,313	1,572	1,544	1,548	1,514	1,479	1,430
Pennsylvania	5,448	5,507	5,616	6,176	6,668	6,755	7,263	7,197	7,584	8,023
Rhode Island	509	532	566	532	639	610	674	648	682	701
South Carolina	957	1,101	955	1,012	1,023	1,071	1,087	1,055	1,092	1,128
South Dakota	307	379	314	381	422	472	448	416	423	419
Tennessee	1,497	1,506	1,386	1,457	1,641	1,593	1,672	1,678	1,735	1,874
Texas	7,131	7,464	7,164	8,121	8,940	9,318	9,397	9,314	9,671	10,473
Utah	1,044	1,061	1,006	1,060	1,280	1,283	1,301	1,308	1,338	1,353
Vermont	409	319	311	196	375	516	556	647	770	795
Virginia	3,366	3,301	3,226	3,467	3,821	4,062	4,373	4,377	4,909	5,664
Washington	1,815	1,956	2,021	2,216	2,168	2,328	2,434	2,502	2,513	2,523
West Virginia	546	523	492	516	612	660	634	589	736	843



## State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Wisconsin	1,656	1,731	1,609	1,814	1,979	2,069	2,010	2,117	2,067	2,010
Wyoming	225	230	201	199	198	200	200	207	183	190
Puerto Rico	620	639	652	688	787	775	916	979	942	1,056

*Science and Engineering Indicators 2018*

## State Indicators

### Advanced S&E degrees

State	2010	2011	2012	2013	2014	2015	2016	2017
United States	172,575	184,858	196,731	203,325	210,167	220,133	237,345	245,700
Alabama	2,289	2,527	2,427	2,440	2,344	2,410	2,656	2,710
Alaska	262	228	262	250	262	244	282	251
Arizona	3,827	4,342	5,427	5,453	5,872	5,393	5,540	5,537
Arkansas	809	925	938	973	968	1,024	1,259	1,849
California	21,593	23,415	24,137	24,624	25,544	25,713	28,229	28,969
Colorado	3,639	4,036	4,782	4,821	5,059	5,010	5,236	5,475
Connecticut	2,637	2,577	2,769	2,738	2,906	3,039	3,875	3,987
Delaware	519	596	582	562	671	853	1,002	952
District of Columbia	3,525	3,764	4,006	4,427	4,605	4,545	4,419	4,629
Florida	6,799	6,997	7,613	8,035	8,400	8,396	9,070	9,435
Georgia	3,642	4,040	4,226	4,417	4,594	4,485	4,976	5,430
Hawaii	607	599	660	613	565	652	577	525
Idaho	454	498	564	574	518	473	518	490
Illinois	9,513	10,266	10,702	10,615	10,293	11,168	12,452	13,140
Indiana	3,103	3,544	3,861	3,932	4,006	4,411	4,315	4,955
Iowa	1,878	1,554	2,052	2,225	2,086	2,141	2,252	2,363
Kansas	1,316	1,497	1,550	1,448	1,545	1,750	1,593	1,679
Kentucky	1,517	1,612	1,824	1,922	1,886	1,914	2,020	2,000
Louisiana	1,624	1,637	1,743	1,753	1,647	1,789	1,897	1,916
Maine	218	249	265	234	273	292	285	236
Maryland	5,241	5,651	6,064	6,607	6,757	6,930	7,036	7,453
Massachusetts	8,582	8,966	9,766	10,208	10,567	11,010	11,943	12,271
Michigan	5,785	5,915	6,364	6,535	6,699	6,980	7,588	7,978

## State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
Minnesota	4,241	4,841	5,014	5,414	5,415	5,307	5,693	6,037
Mississippi	1,023	1,087	1,143	1,163	1,223	1,409	1,259	1,354
Missouri	3,461	3,850	4,081	3,972	4,067	5,244	5,918	6,681
Montana	402	425	456	400	404	463	448	432
Nebraska	1,001	1,063	1,242	1,304	1,292	1,443	1,556	1,649
Nevada	567	544	502	548	481	505	522	467
New Hampshire	870	763	702	798	812	1,100	1,558	2,032
New Jersey	4,838	4,620	4,906	4,676	5,253	5,661	6,556	6,801
New Mexico	823	873	934	976	1,018	1,038	1,028	1,004
New York	15,493	16,797	17,279	17,787	18,171	19,566	20,647	21,849
North Carolina	4,140	4,353	4,841	5,102	5,438	5,505	6,063	6,255
North Dakota	288	325	382	397	465	491	469	452
Ohio	4,853	5,222	5,581	5,517	6,006	6,543	7,394	7,716
Oklahoma	1,538	1,688	1,871	1,774	1,735	1,859	2,051	2,272
Oregon	1,449	1,525	1,683	1,699	1,734	1,831	1,823	2,005
Pennsylvania	8,492	8,980	9,392	9,928	10,732	10,787	11,046	11,029
Rhode Island	732	751	845	809	802	781	897	887
South Carolina	1,136	1,206	1,294	1,379	1,407	1,544	1,517	1,503
South Dakota	425	484	509	512	504	600	611	588
Tennessee	1,835	1,873	2,089	2,139	2,285	2,290	2,435	2,690
Texas	10,821	11,960	12,345	13,217	13,652	16,019	18,258	18,659
Utah	1,360	1,648	1,651	1,846	1,956	2,049	2,047	2,285
Vermont	750	747	808	1,153	762	725	729	587
Virginia	5,622	6,078	6,600	6,942	7,602	7,887	8,317	6,815
Washington	2,673	2,617	2,737	2,934	3,044	3,222	3,411	3,625
West Virginia	1,036	1,511	1,663	1,806	1,859	1,715	1,679	1,625



## State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
Wisconsin	2,077	2,215	2,258	2,259	2,402	2,465	2,564	2,604
Wyoming	195	257	244	247	281	217	237	243
Puerto Rico	1,021	1,067	1,053	1,154	1,246	1,167	1,532	1,261

*Science and Engineering Indicators 2018*

## State Indicators

### S&E degrees conferred

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	520,624	525,743	540,205	576,789	604,527	619,645	630,309	638,638	655,931	673,236
Alabama	7,522	7,494	7,203	7,020	7,460	8,038	8,313	8,347	8,467	8,899
Alaska	578	604	559	611	683	676	719	725	751	802
Arizona	6,890	6,800	7,511	8,147	9,295	9,613	10,072	10,919	11,596	13,432
Arkansas	2,828	2,844	3,096	3,230	3,220	3,306	3,235	3,236	3,316	3,390
California	61,912	63,337	66,530	70,122	74,522	77,557	80,172	80,752	83,205	84,579
Colorado	11,733	11,606	12,306	12,883	13,379	13,745	14,320	14,113	14,601	14,280
Connecticut	6,887	6,929	7,008	7,786	7,998	8,154	8,341	8,586	9,011	9,615
Delaware	1,940	1,868	2,011	2,047	2,053	2,163	2,216	2,156	2,222	2,241
District of Columbia	5,794	6,939	7,087	7,244	7,528	7,490	8,294	7,889	8,313	8,469
Florida	18,293	18,843	19,994	21,630	24,181	24,845	25,887	26,747	28,026	29,004
Georgia	11,754	12,083	12,733	14,125	15,985	14,807	14,677	15,026	15,447	15,775
Hawaii	2,235	2,227	2,111	2,152	2,391	2,412	2,531	2,486	2,638	2,656
Idaho	1,823	1,756	1,811	2,186	2,011	2,384	2,661	2,667	2,619	2,797
Illinois	22,467	22,867	23,046	25,101	25,624	27,237	27,863	28,023	28,805	28,725
Indiana	11,404	11,188	11,682	12,324	12,764	13,317	13,241	13,550	13,457	13,251
Iowa	6,611	6,389	6,614	7,087	7,187	7,378	7,413	7,609	8,220	9,079
Kansas	5,260	5,504	5,275	5,764	5,923	6,022	5,818	5,877	5,918	5,920
Kentucky	5,091	5,015	5,344	5,282	5,783	6,088	6,317	6,486	6,496	6,481
Louisiana	6,998	6,908	7,066	7,396	7,548	7,849	7,282	7,709	7,347	7,199
Maine	2,302	2,236	2,300	2,557	2,442	2,550	2,625	2,662	2,839	2,749
Maryland	12,235	12,710	13,135	14,066	15,013	15,675	15,870	15,860	16,153	16,514
Massachusetts	22,662	22,843	23,200	24,131	24,837	25,251	25,439	25,637	26,434	26,712
Michigan	18,636	18,827	19,376	21,068	21,803	21,335	21,124	21,460	22,231	22,804

## State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Minnesota	9,062	9,337	9,750	10,206	11,156	11,915	12,385	12,536	13,379	13,887
Mississippi	3,397	3,472	3,558	3,370	3,619	3,577	3,618	3,817	3,824	3,937
Missouri	11,022	11,378	12,003	12,692	12,977	13,030	12,747	12,892	13,140	13,464
Montana	2,104	2,079	2,111	2,312	2,289	2,254	2,189	2,291	2,215	2,298
Nebraska	3,345	3,300	3,128	3,308	3,474	3,847	3,892	3,852	4,046	4,193
Nevada	1,365	1,279	1,349	1,557	1,884	1,963	2,378	2,174	2,527	2,585
New Hampshire	3,342	3,082	3,020	3,200	3,505	3,460	3,520	3,480	3,618	3,684
New Jersey	13,940	13,842	14,316	15,281	15,890	15,667	15,603	15,630	15,947	16,535
New Mexico	2,636	2,558	2,520	2,784	2,986	3,065	3,164	3,162	3,080	3,255
New York	42,926	44,635	44,641	49,365	50,310	51,470	51,277	51,252	52,691	54,412
North Carolina	14,651	14,543	15,132	15,622	16,754	16,665	16,541	17,495	18,160	18,671
North Dakota	1,519	1,397	1,487	1,616	1,547	1,539	1,522	1,644	1,632	1,610
Ohio	18,123	18,238	18,485	19,434	19,971	20,287	20,505	20,856	20,746	21,129
Oklahoma	5,982	5,914	5,861	5,841	6,482	6,342	6,243	6,238	6,097	6,384
Oregon	6,608	6,473	6,604	7,103	7,777	7,805	8,004	8,093	8,028	7,975
Pennsylvania	26,563	26,514	27,458	29,664	30,782	31,478	32,358	32,509	33,593	34,537
Rhode Island	3,012	2,872	3,067	3,281	3,462	3,447	3,649	3,541	3,754	3,783
South Carolina	5,953	6,052	6,074	6,502	6,469	6,855	6,997	6,902	7,074	7,279
South Dakota	1,813	1,775	1,746	1,793	1,960	1,966	2,030	2,014	2,037	1,990
Tennessee	8,029	7,787	8,013	8,497	8,736	8,749	8,752	8,878	9,144	9,601
Texas	27,962	28,242	28,592	31,559	33,224	34,612	35,293	35,976	36,962	38,196
Utah	6,289	6,151	6,751	7,409	7,925	8,153	8,075	8,368	8,223	8,339
Vermont	2,230	2,153	2,143	2,063	2,250	2,508	2,576	2,762	2,933	3,144
Virginia	16,299	15,823	15,764	16,510	16,953	17,810	18,582	18,695	19,673	20,822
Washington	9,720	10,011	10,471	11,285	11,626	12,449	12,592	13,048	12,936	13,215
West Virginia	2,750	2,699	2,732	2,863	2,810	2,945	3,056	3,250	3,748	3,772





## State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Wisconsin	10,260	10,549	10,573	11,472	12,108	12,187	12,328	12,817	12,729	12,881
Wyoming	910	831	825	819	813	757	857	812	858	839
Puerto Rico	4,807	4,847	4,875	5,285	5,014	4,817	4,992	4,982	4,882	5,293

*Science and Engineering Indicators 2018*

## State Indicators

### S&E degrees conferred

State	2010	2011	2012	2013	2014	2015	2016	2017
United States	697,949	739,223	786,298	818,800	846,082	870,190	903,502	930,257
Alabama	8,949	9,933	10,055	10,321	10,296	10,497	10,938	11,412
Alaska	867	921	870	942	983	950	992	962
Arizona	15,720	18,154	23,288	24,454	24,069	21,852	21,765	21,852
Arkansas	3,722	4,121	4,503	4,611	4,945	5,063	5,495	6,098
California	87,027	91,643	95,862	100,373	106,999	108,654	114,002	119,341
Colorado	14,240	15,209	16,925	17,470	18,536	18,462	18,816	19,690
Connecticut	9,628	9,790	10,424	10,620	10,819	11,357	12,455	12,890
Delaware	2,195	2,512	2,524	2,722	2,880	3,233	3,375	3,283
District of Columbia	7,661	7,743	8,299	8,941	9,048	8,938	8,871	9,228
Florida	30,643	32,260	35,077	36,861	38,339	40,178	41,829	42,022
Georgia	16,045	17,367	18,405	19,771	20,900	21,399	22,535	23,724
Hawaii	2,480	2,594	2,685	2,943	2,904	3,153	3,068	3,078
Idaho	2,923	2,942	3,247	3,673	3,776	3,850	3,973	4,065
Illinois	29,550	30,855	32,031	32,655	32,732	33,439	35,454	36,249
Indiana	14,147	15,768	16,782	17,272	17,859	18,972	19,104	20,093
Iowa	11,655	13,296	14,575	14,440	10,908	11,033	10,940	11,151
Kansas	5,913	6,012	6,504	6,409	6,745	6,923	6,927	6,979
Kentucky	6,517	6,883	7,583	7,899	8,002	8,128	8,377	8,769
Louisiana	7,127	7,562	7,895	8,254	8,225	8,427	8,502	8,693
Maine	2,917	3,103	3,204	3,008	3,154	3,251	3,385	3,282
Maryland	17,072	18,039	19,380	20,535	20,933	22,053	22,528	23,121
Massachusetts	27,808	28,989	30,758	32,139	33,695	34,827	36,782	37,711
Michigan	23,213	23,488	24,725	25,291	26,334	26,675	27,811	28,880

## State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
Minnesota	14,685	15,853	16,816	17,825	18,059	18,084	18,599	19,088
Mississippi	4,154	4,278	4,607	4,622	4,968	5,085	5,049	5,347
Missouri	13,596	14,323	15,114	15,515	15,584	17,016	18,072	18,735
Montana	2,116	2,313	2,256	2,452	2,669	2,803	2,689	2,788
Nebraska	4,253	4,478	4,793	4,972	5,206	5,132	5,443	5,529
Nevada	2,681	2,814	2,895	2,978	3,147	3,399	3,426	3,502
New Hampshire	3,960	4,047	4,053	4,276	4,452	5,217	5,660	6,753
New Jersey	17,393	17,439	18,812	19,004	19,911	20,746	22,020	22,753
New Mexico	3,127	3,339	3,514	3,637	3,969	3,823	4,072	4,131
New York	56,583	59,701	61,595	64,066	65,811	68,941	71,503	74,272
North Carolina	19,539	20,896	22,308	23,202	24,168	24,476	25,627	25,998
North Dakota	1,705	1,743	1,902	1,992	2,054	2,271	2,188	2,296
Ohio	21,744	23,094	24,711	24,210	25,688	27,065	28,356	29,772
Oklahoma	6,203	6,503	7,031	7,023	7,118	7,319	7,832	8,189
Oregon	8,341	8,767	9,691	10,292	11,038	11,214	11,129	12,017
Pennsylvania	35,673	37,253	38,680	40,786	42,626	42,960	43,242	44,509
Rhode Island	3,912	4,077	4,270	4,409	4,693	4,776	5,078	5,058
South Carolina	7,542	8,223	8,426	9,120	9,511	9,873	9,950	10,230
South Dakota	2,074	2,153	2,221	2,286	2,286	2,368	2,494	2,530
Tennessee	9,774	10,243	11,167	11,340	11,641	11,766	12,193	12,827
Texas	39,702	42,413	44,368	46,965	48,773	52,442	56,326	59,372
Utah	8,428	9,399	9,836	10,223	10,766	11,389	11,666	12,091
Vermont	3,312	3,343	3,543	3,923	3,387	3,452	3,445	3,361
Virginia	21,789	23,672	25,709	27,064	28,431	29,225	29,901	28,195
Washington	13,857	14,269	15,224	16,416	16,588	17,239	17,788	18,326
West Virginia	4,218	5,050	5,537	6,087	6,486	6,565	6,854	6,695



## State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017
Wisconsin	13,144	13,761	14,181	14,876	15,545	15,845	16,066	16,235
Wyoming	859	981	1,037	1,042	1,093	1,006	1,128	1,223
Puerto Rico	5,388	5,437	6,207	6,387	7,120	7,141	7,554	5,611

*Science and Engineering Indicators 2018*