

State Indicators

S-12 Public High School Students Taking Advanced Placement Exams

Description

Participation in the Advanced Placement (AP) program provides a measure of the extent to which a rigorous curriculum is available to and used by high school students. This indicator represents the percentage of students in the graduating class who have taken one or more AP Exams at any point in their high school career. Research shows that performance on AP Exams is one of the best predictors of success in college.

More than 30 different AP Exams are offered each spring by the College Board for a fee. The exams include a multiple-choice section and a free-response section. Generally, students who take AP Exams have completed a rigorous course of study in a specific subject area in high school with the expectation of obtaining college credit or advanced placement. English Language and Composition, U.S. History, and English Literature and Composition are among the most frequently taken AP Exams. The data show the number of public high school students taking at least one AP Exam has risen considerably from 645,000 for the class of 2006 to 1.1 million students in the class of 2016.

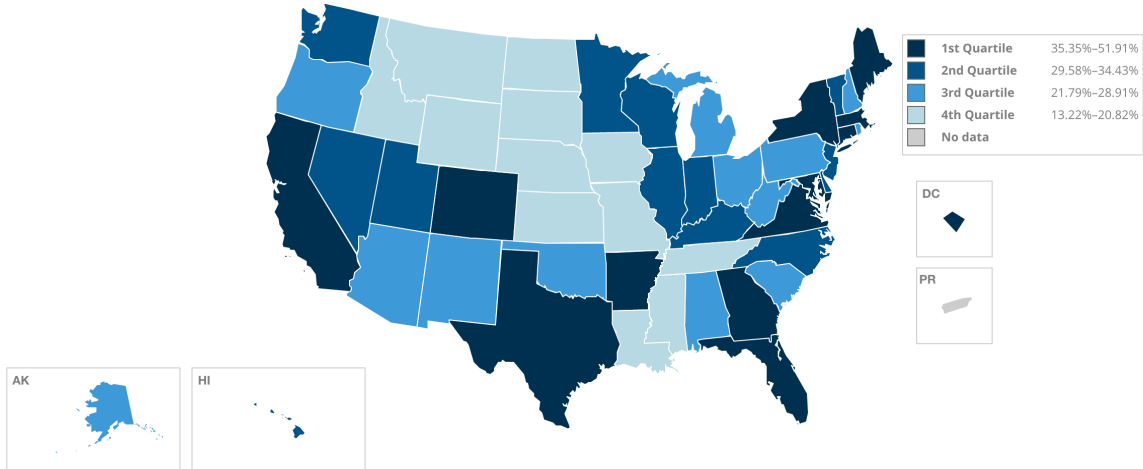
Recognizing that cost may be an impediment to taking the test, the College Board provides a partial fee waiver to qualified low-income students. Since 1997, many states and municipalities have started partially or fully subsidizing the cost of taking the test. Some of this subsidy is from the federal Department of Education. According to the College Board, over 45,000 low-income students in 1999 used a combination of federal funding and College Board fee reductions to eliminate or greatly reduce the AP Exam fee; this figure rose to more than 450,000 in 2016.

Data sources: College Board, Advanced Placement Report to the Nation; U.S. Department of Education, National Center for Education Statistics, Digest of Education Statistics.

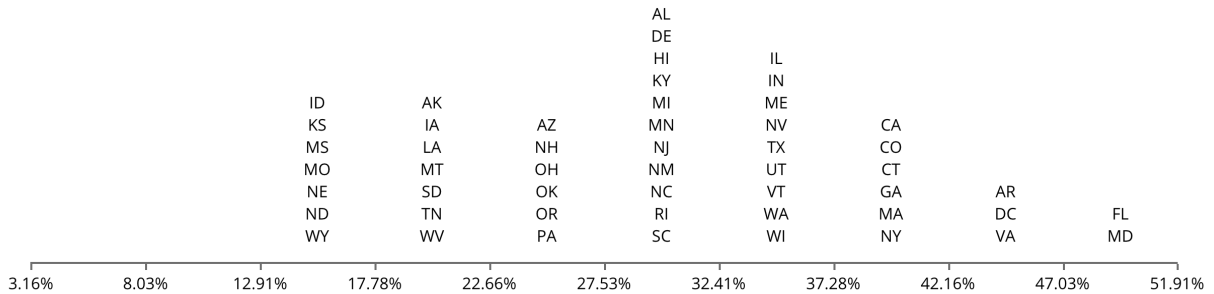
State Indicators

S-12 Public High School Students Taking Advanced Placement Exams

2014



Distribution of states across indicator values, 2014



Histograms do not display states with extreme values. Please consult the data tables for exact indicator values for each state. State positions on the histogram are based on unrounded values of the indicator and may not always match the rounded values displayed in the table.

State Indicators

Public High School Students Taking Advanced Placement Exams

(Percent)

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	15.65	16.56	17.74	18.64	19.62	21.53	22.65	23.73	24.96	26.00
Alabama	7.27	7.81	8.65	8.50	8.82	9.60	9.49	10.74	12.79	15.36
Alaska	15.54	15.30	15.62	16.32	16.35	19.90	19.98	19.53	20.64	19.44
Arizona	11.43	10.09	10.81	11.44	13.96	12.19	14.97	16.24	17.14	18.22
Arkansas	8.08	8.62	9.75	10.72	12.76	24.01	27.87	32.32	33.71	35.30
California	22.15	22.79	24.13	25.30	26.31	29.16	30.85	30.91	31.86	33.28
Colorado	18.64	20.23	21.06	22.48	23.41	26.05	27.72	30.14	32.07	32.66
Connecticut	17.95	20.21	21.00	21.32	22.89	25.15	24.84	26.16	27.66	31.27
Delaware	13.49	13.26	15.69	17.62	18.92	23.94	25.98	25.58	26.30	26.15
District of Columbia	17.33	16.63	18.90	22.20	20.32	23.09	19.97	34.54	41.53	39.27
Florida	21.82	21.96	23.57	25.55	27.80	30.81	33.27	34.60	36.11	38.06
Georgia	17.85	19.73	20.49	21.34	21.84	24.38	26.52	27.92	29.33	31.18
Hawaii	10.62	11.38	11.85	13.04	14.28	15.42	14.24	15.38	15.92	18.51
Idaho	9.64	10.24	11.31	11.58	12.30	14.12	15.35	15.44	14.68	15.61
Illinois	13.44	14.98	16.14	17.84	17.40	19.11	20.23	21.35	22.59	24.99
Indiana	12.39	13.11	13.35	14.02	15.94	18.50	18.70	18.88	20.02	20.42
Iowa	6.85	7.19	7.89	8.59	9.54	9.78	10.98	11.69	12.86	13.76
Kansas	6.96	7.97	8.32	8.46	8.88	9.37	11.47	11.68	13.24	15.27
Kentucky	10.64	11.42	12.49	13.64	14.70	15.91	17.03	18.00	19.99	20.99
Louisiana	3.16	3.38	3.69	4.10	4.42	4.54	5.43	5.71	7.28	7.92
Maine	14.81	16.20	20.42	21.19	21.79	21.76	24.02	27.98	29.43	31.02
Maryland	20.44	21.56	23.62	25.67	28.93	31.73	32.72	35.15	37.12	39.90
Massachusetts	19.64	20.36	21.86	23.31	23.78	25.63	26.16	26.66	28.11	29.16

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Michigan	13.11	14.06	15.48	16.13	16.47	17.53	17.86	18.00	19.53	20.71
Minnesota	13.44	14.76	15.54	15.57	16.08	17.37	18.28	21.05	22.30	23.96
Mississippi	5.62	6.85	6.99	6.50	6.83	8.23	9.97	10.77	12.73	13.39
Missouri	5.43	6.40	7.15	7.48	7.61	8.68	8.93	9.70	10.63	12.15
Montana	10.11	11.44	12.95	12.73	13.16	15.00	14.89	15.24	15.73	16.48
Nebraska	4.89	5.58	6.02	5.90	6.06	7.00	8.28	9.47	11.12	13.18
Nevada	13.48	13.18	13.76	16.35	19.59	22.74	23.74	25.49	26.31	28.04
New Hampshire	13.35	15.19	15.41	16.41	16.61	16.78	18.46	19.72	20.48	20.89
New Jersey	17.95	18.57	19.76	20.38	20.62	22.23	22.93	23.59	25.06	25.75
New Mexico	11.28	12.57	13.79	16.35	17.21	18.35	18.99	21.29	20.64	21.03
New York	27.61	27.90	29.97	30.66	31.94	32.49	31.45	32.20	32.52	32.45
North Carolina	19.58	20.79	22.75	23.92	24.87	26.57	27.56	29.35	28.36	28.35
North Dakota	5.87	6.61	6.93	8.24	8.44	8.86	10.07	10.73	10.53	10.16
Ohio	10.99	11.59	12.71	13.33	13.93	15.37	15.77	16.94	17.65	18.10
Oklahoma	9.46	11.26	13.65	15.96	16.50	17.51	19.09	18.92	19.98	19.54
Oregon	10.49	11.62	11.69	12.31	12.68	15.54	16.05	18.26	19.78	19.65
Pennsylvania	12.39	13.11	13.82	13.84	14.63	15.23	15.74	17.02	18.19	18.72
Rhode Island	10.68	10.50	12.41	11.39	12.01	12.17	12.84	13.85	15.03	17.59
South Carolina	19.03	20.20	20.59	21.16	19.90	21.93	22.23	23.19	23.18	23.46
South Dakota	9.55	10.79	11.40	11.62	13.20	13.99	14.81	15.19	15.60	16.21
Tennessee	11.20	11.83	12.70	12.83	12.63	13.15	13.93	14.59	14.79	15.14
Texas	16.64	18.29	19.23	20.37	21.93	24.47	25.87	27.28	28.91	29.16
Utah	24.69	24.19	25.66	26.89	26.39	28.37	30.46	30.90	31.65	30.17
Vermont	16.12	17.15	18.07	19.67	20.92	20.95	24.62	26.14	27.72	26.88
Virginia	24.61	25.96	26.80	25.73	27.01	29.46	32.95	34.63	35.49	37.08
Washington	11.79	13.67	14.60	16.03	17.51	20.57	22.11	23.47	26.40	27.46

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
West Virginia	8.44	9.15	10.54	11.24	12.52	11.72	13.20	14.39	15.19	17.47
Wisconsin	15.21	16.16	16.85	17.72	19.19	20.37	21.29	22.60	24.00	24.54
Wyoming	6.13	9.54	10.14	10.49	10.94	11.20	13.17	15.16	14.73	14.62
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available

Note(s):

The national total for the United States for Advanced Placement data is the value reported by the College Board and does not include U.S. territories. The national graduate total for the United States includes U.S. territories and estimates for nonreporting states

Source(s):

College Board, Advanced Placement Report to the Nation and AP Cohort Data (various years), data as of June 2015; U.S. Department of Education, National Center for Education Statistics, Digest of Education Statistics (various years), data as of February 2017.

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Last updated: January 18, 2018

Science and Engineering Indicators 2018

State Indicators

Public High School Students Taking Advanced Placement Exams

(Percent)

State	2010	2011	2012	2013	2014
United States	27.02	28.53	30.04	31.67	33.06
Alabama	17.86	18.65	21.70	25.06	27.86
Alaska	20.41	19.83	20.29	20.95	21.79
Arizona	20.17	20.62	22.79	24.08	23.57
Arkansas	37.60	40.16	42.84	43.79	45.63
California	32.36	33.32	34.59	36.18	37.52
Colorado	33.94	34.52	36.65	38.21	40.51
Connecticut	33.98	33.22	34.47	36.20	38.92
Delaware	26.42	27.24	29.31	31.18	31.86
District of Columbia	28.79	42.31	39.17	44.79	46.16
Florida	42.05	46.80	50.10	50.81	51.91
Georgia	33.47	34.40	37.15	37.34	38.16
Hawaii	19.05	21.82	25.57	28.68	29.58
Idaho	15.83	17.21	17.93	19.64	17.69
Illinois	25.25	27.95	29.13	31.48	32.99
Indiana	28.34	30.31	32.38	33.42	34.09
Iowa	14.90	15.79	16.68	17.53	19.37
Kansas	14.87	15.47	16.20	16.39	16.76
Kentucky	22.92	25.27	28.65	29.77	32.33
Louisiana	8.70	9.84	10.72	14.71	19.63
Maine	28.67	32.23	33.96	35.36	36.86
Maryland	42.25	44.15	45.30	46.48	48.24
Massachusetts	31.57	33.38	35.00	37.06	39.65

State Indicators

State	2010	2011	2012	2013	2014
Michigan	22.28	24.25	25.44	26.72	28.40
Minnesota	25.60	27.26	29.18	30.63	32.15
Mississippi	14.04	13.19	13.82	12.33	13.89
Missouri	13.07	13.59	15.06	15.54	16.54
Montana	17.89	18.73	19.62	19.99	20.82
Nebraska	12.90	13.11	14.10	15.99	16.73
Nevada	28.39	29.35	31.47	31.68	34.28
New Hampshire	21.02	22.12	22.45	23.20	24.34
New Jersey	26.00	27.89	29.24	30.57	32.31
New Mexico	21.40	22.09	23.70	26.48	27.70
New York	33.10	34.49	35.92	37.17	38.32
North Carolina	27.69	28.60	28.34	29.24	30.51
North Dakota	10.08	12.41	12.71	14.59	13.22
Ohio	18.67	19.79	20.44	21.77	23.51
Oklahoma	20.40	20.68	21.82	22.08	22.78
Oregon	21.87	22.19	23.52	24.89	24.78
Pennsylvania	19.49	21.00	21.82	23.14	24.50
Rhode Island	18.12	19.61	22.32	26.04	27.65
South Carolina	23.80	24.93	25.49	26.82	28.91
South Dakota	18.10	18.30	18.83	20.22	20.34
Tennessee	15.44	16.27	17.20	18.44	19.36
Texas	29.25	31.22	32.87	33.75	35.35
Utah	30.54	31.60	33.50	33.96	34.43
Vermont	29.53	29.73	31.36	31.44	33.41
Virginia	37.76	38.86	40.35	41.91	42.56
Washington	27.70	29.05	31.56	32.68	33.62

State Indicators

State	2010	2011	2012	2013	2014
West Virginia	18.15	19.95	21.14	21.22	21.79
Wisconsin	25.76	26.94	28.83	31.15	32.65
Wyoming	14.52	15.93	17.54	16.10	17.28
Puerto Rico	NA	NA	NA	NA	NA

NA = not available

Note(s):

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Last updated: January 18, 2018

Science and Engineering Indicators 2018

State Indicators

Public high school graduates who took an Advanced Placement Exam

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	405,475	431,573	471,404	514,163	547,436	609,807	645,277	694,705	756,708	797,972
Alabama	2,750	2,897	3,103	3,123	3,216	3,597	3,597	4,181	5,290	6,462
Alaska	1,028	1,042	1,085	1,191	1,183	1,375	1,471	1,497	1,621	1,557
Arizona	4,378	4,717	5,100	5,719	6,352	7,255	8,099	9,087	10,572	11,367
Arkansas	2,208	2,336	2,630	2,955	3,469	6,393	8,025	8,781	9,682	9,905
California	68,648	71,836	78,638	86,303	90,371	103,580	105,979	110,253	119,338	123,914
Colorado	7,256	7,937	8,585	9,526	10,482	11,602	12,315	13,753	14,777	15,499
Connecticut	5,665	6,142	6,790	7,177	7,914	8,932	8,996	9,819	10,626	10,933
Delaware	824	877	1,017	1,201	1,315	1,660	1,890	1,843	1,943	2,050
District of Columbia	467	467	584	605	616	642	629	1,017	1,392	1,381
Florida	23,288	24,401	28,170	32,566	36,539	41,074	44,805	49,234	53,816	58,403
Georgia	11,169	12,332	13,518	14,274	14,972	17,272	19,492	21,730	24,490	27,442
Hawaii	1,108	1,150	1,239	1,306	1,474	1,667	1,555	1,702	1,849	2,130
Idaho	1,559	1,632	1,795	1,836	1,913	2,226	2,470	2,507	2,432	2,623
Illinois	15,035	16,572	18,833	20,968	21,710	23,625	25,656	27,798	30,529	32,902
Indiana	7,064	7,365	7,575	8,115	8,926	10,255	10,832	11,306	12,393	13,003
Iowa	2,324	2,428	2,667	2,993	3,275	3,281	3,701	3,989	4,446	4,669
Kansas	2,026	2,340	2,458	2,535	2,679	2,843	3,419	3,519	4,070	4,638
Kentucky	3,920	4,220	4,537	5,136	5,555	6,111	6,548	7,036	7,864	8,783
Louisiana	1,214	1,296	1,399	1,542	1,635	1,636	1,807	1,957	2,505	2,821
Maine	1,809	2,050	2,572	2,743	2,893	2,846	3,110	3,680	4,223	4,372
Maryland	9,781	10,613	12,019	13,315	15,294	17,186	18,174	20,232	21,963	23,261
Massachusetts	10,399	11,072	12,084	13,051	13,869	15,293	16,027	17,036	18,326	19,027
Michigan	12,808	13,569	14,706	16,183	16,272	17,810	18,326	20,129	22,495	23,346

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Minnesota	7,712	8,351	8,926	9,256	9,505	10,145	10,767	12,527	13,473	14,313
Mississippi	1,361	1,626	1,659	1,547	1,622	1,937	2,378	2,605	3,157	3,282
Missouri	2,869	3,463	3,895	4,256	4,412	5,023	5,214	5,846	6,560	7,649
Montana	1,102	1,216	1,367	1,357	1,382	1,550	1,531	1,543	1,635	1,661
Nebraska	986	1,097	1,199	1,189	1,230	1,395	1,637	1,882	2,228	2,571
Nevada	1,961	1,994	2,239	2,678	2,978	3,579	3,907	4,371	4,950	5,582
New Hampshire	1,579	1,868	1,919	2,168	2,211	2,311	2,582	2,850	3,068	3,082
New Jersey	13,357	14,141	15,350	16,586	17,284	19,229	20,645	21,944	23,810	24,485
New Mexico	2,033	2,288	2,496	2,767	3,080	3,184	3,385	3,434	3,769	3,771
New York	39,130	39,590	42,000	44,095	45,523	49,770	50,884	54,201	57,334	58,709
North Carolina	12,170	13,159	15,008	16,671	17,936	19,931	21,142	22,315	23,629	24,581
North Dakota	505	558	562	673	666	669	724	768	737	735
Ohio	12,273	12,894	14,057	15,428	16,581	17,935	18,507	19,929	21,308	22,122
Oklahoma	3,561	4,219	5,032	5,855	6,071	6,344	6,967	7,018	7,519	7,274
Oregon	3,164	3,479	3,643	4,012	4,180	5,066	5,199	6,107	6,912	6,904
Pennsylvania	14,115	15,007	15,890	16,594	18,059	19,004	20,124	21,887	23,700	24,459
Rhode Island	905	903	1,118	1,061	1,112	1,203	1,298	1,438	1,555	1,764
South Carolina	6,016	6,064	6,444	6,873	6,615	7,334	7,774	8,142	8,182	9,175
South Dakota	886	958	1,003	1,046	1,188	1,201	1,272	1,268	1,339	1,317
Tennessee	4,656	4,806	5,193	5,658	5,824	6,306	7,087	7,954	8,505	9,140
Texas	35,427	39,378	43,308	48,500	53,542	58,664	62,211	65,788	72,896	77,063
Utah	8,024	7,507	7,744	7,941	7,984	8,584	8,848	8,737	8,914	9,192
Vermont	1,076	1,176	1,280	1,371	1,485	1,498	1,669	1,913	2,049	1,938
Virginia	16,145	17,150	17,825	18,765	19,457	21,700	22,933	25,627	27,460	29,537
Washington	6,790	7,531	8,513	9,688	10,729	12,569	13,314	14,741	16,268	17,235
West Virginia	1,641	1,688	1,806	1,943	2,170	2,008	2,212	2,505	2,656	3,090



State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Wisconsin	8,907	9,592	10,205	11,209	12,048	12,878	13,415	14,454	15,644	16,050
Wyoming	396	579	619	613	638	629	728	825	809	803
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available

Science and Engineering Indicators 2018

State Indicators

Public high school graduates who took an Advanced Placement Exam

State	2010	2011	2012	2013	2014
United States	852,475	904,794	954,068	1,004,031	1,047,480
Alabama	7,710	8,584	9,852	11,086	12,409
Alaska	1,683	1,599	1,621	1,647	1,682
Arizona	12,335	13,297	14,407	14,980	15,723
Arkansas	10,633	11,326	12,175	12,667	13,510
California	131,042	136,787	144,801	152,745	159,109
Colorado	16,738	17,303	18,358	19,475	20,785
Connecticut	11,720	12,906	13,332	14,019	14,736
Delaware	2,149	2,191	2,417	2,516	2,625
District of Columbia	1,037	1,471	1,512	1,774	1,791
Florida	65,658	72,767	76,128	80,291	82,249
Georgia	30,643	31,764	33,647	34,505	36,019
Hawaii	2,095	2,338	2,905	3,095	3,269
Idaho	2,816	3,016	3,150	3,378	3,382
Illinois	35,112	37,723	40,653	43,835	45,415
Indiana	18,294	20,047	21,260	22,256	23,028
Iowa	5,134	5,345	5,542	5,706	6,313
Kansas	4,705	4,853	5,167	5,231	5,388
Kentucky	9,779	10,872	12,218	12,766	13,709
Louisiana	3,181	3,528	3,931	5,516	7,497
Maine	4,034	4,400	4,576	4,657	4,692
Maryland	24,959	25,934	26,640	27,372	28,040
Massachusetts	20,352	21,605	22,808	24,596	25,851
Michigan	24,658	25,709	26,822	27,846	29,116

State Indicators

State	2010	2011	2012	2013	2014
Minnesota	15,275	16,181	16,780	17,842	18,127
Mississippi	3,576	3,605	3,615	3,268	3,701
Missouri	8,364	8,560	9,235	9,541	10,073
Montana	1,802	1,823	1,913	1,873	1,972
Nebraska	2,498	2,665	2,886	3,269	3,444
Nevada	5,949	6,217	6,890	7,299	7,789
New Hampshire	3,160	3,206	3,238	3,309	3,356
New Jersey	25,016	26,546	27,433	29,497	30,769
New Mexico	3,980	4,274	4,815	5,092	5,149
New York	60,854	63,032	64,946	67,034	68,529
North Carolina	24,558	25,709	26,633	27,587	29,353
North Dakota	721	888	882	1,007	920
Ohio	23,040	24,585	25,170	26,670	28,095
Oklahoma	7,853	7,806	8,140	8,177	8,489
Oregon	7,583	7,706	8,059	8,439	8,538
Pennsylvania	25,561	27,357	28,750	30,033	31,164
Rhode Island	1,795	1,907	2,176	2,494	2,690
South Carolina	9,626	10,149	10,564	11,332	12,062
South Dakota	1,477	1,509	1,543	1,666	1,619
Tennessee	9,634	10,067	10,743	11,308	11,806
Texas	82,174	90,673	96,166	101,707	107,586
Utah	9,614	9,761	10,439	11,269	11,501
Vermont	2,126	2,061	2,151	2,041	2,125
Virginia	30,780	32,212	33,626	34,901	35,371
Washington	18,296	19,305	20,581	21,593	22,273
West Virginia	3,204	3,453	3,722	3,804	3,817



State Indicators

State	2010	2011	2012	2013	2014
Wisconsin	16,665	17,280	18,076	19,136	19,858
Wyoming	827	892	974	884	966
Puerto Rico	NA	NA	NA	NA	NA

NA = not available

Science and Engineering Indicators 2018

State Indicators

High school graduates

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	2,591,426	2,605,963	2,657,053	2,758,228	2,790,460	2,831,959	2,848,989	2,927,180	3,032,173	3,069,241
Alabama	37,819	37,082	35,887	36,741	36,464	37,453	37,918	38,912	41,346	42,082
Alaska	6,615	6,812	6,945	7,297	7,236	6,909	7,361	7,666	7,855	8,008
Arizona	38,304	46,733	47,175	49,986	45,508	59,498	54,091	55,954	61,667	62,374
Arkansas	27,335	27,100	26,984	27,555	27,181	26,621	28,790	27,166	28,725	28,057
California	309,866	315,189	325,895	341,097	343,480	355,217	343,515	356,641	374,561	372,310
Colorado	38,924	39,241	40,760	42,379	44,777	44,532	44,424	45,628	46,082	47,459
Connecticut	31,562	30,388	32,327	33,667	34,573	35,515	36,222	37,541	38,419	34,968
Delaware	6,108	6,614	6,482	6,817	6,951	6,934	7,275	7,205	7,388	7,839
District of Columbia	2,695	2,808	3,090	2,725	3,031	2,781	3,150	2,944	3,352	3,517
Florida	106,708	111,112	119,537	127,484	131,418	133,318	134,686	142,284	149,046	153,461
Georgia	62,563	62,499	65,983	66,890	68,550	70,834	73,498	77,829	83,505	88,003
Hawaii	10,437	10,102	10,452	10,013	10,324	10,813	10,922	11,063	11,613	11,508
Idaho	16,170	15,941	15,874	15,858	15,547	15,768	16,096	16,242	16,567	16,807
Illinois	111,835	110,624	116,657	117,507	124,763	123,615	126,817	130,220	135,143	131,670
Indiana	57,012	56,172	56,722	57,897	56,008	55,444	57,920	59,887	61,901	63,663
Iowa	33,926	33,774	33,789	34,860	34,339	33,547	33,693	34,127	34,573	33,926
Kansas	29,102	29,360	29,541	29,963	30,155	30,355	29,818	30,139	30,737	30,368
Kentucky	36,830	36,957	36,337	37,654	37,787	38,399	38,449	39,099	39,339	41,851
Louisiana	38,430	38,314	37,905	37,610	37,019	36,009	33,275	34,274	34,401	35,622
Maine	12,211	12,654	12,593	12,947	13,278	13,077	12,950	13,151	14,350	14,093
Maryland	47,849	49,222	50,881	51,864	52,870	54,170	55,536	57,564	59,171	58,304
Massachusetts	52,950	54,393	55,272	55,987	58,326	59,665	61,272	63,903	65,197	65,258
Michigan	97,679	96,515	95,001	100,301	98,823	101,582	102,582	111,838	115,183	112,742

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Minnesota	57,372	56,581	57,440	59,432	59,096	58,391	58,898	59,497	60,409	59,729
Mississippi	24,232	23,748	23,740	23,810	23,735	23,523	23,848	24,186	24,795	24,505
Missouri	52,848	54,138	54,487	56,925	57,983	57,841	58,417	60,275	61,717	62,969
Montana	10,903	10,628	10,554	10,657	10,500	10,335	10,283	10,122	10,396	10,077
Nebraska	20,149	19,658	19,910	20,161	20,309	19,940	19,764	19,873	20,035	19,501
Nevada	14,551	15,127	16,270	16,378	15,201	15,740	16,455	17,149	18,815	19,904
New Hampshire	11,829	12,294	12,452	13,210	13,309	13,775	13,988	14,452	14,982	14,757
New Jersey	74,420	76,130	77,664	81,391	83,826	86,502	90,049	93,013	94,994	95,085
New Mexico	18,031	18,199	18,094	16,923	17,892	17,353	17,822	16,131	18,264	17,931
New York	141,731	141,884	140,139	143,818	142,526	153,203	161,817	168,333	176,310	180,917
North Carolina	62,140	63,288	65,955	69,696	72,126	75,010	76,710	76,031	83,307	86,712
North Dakota	8,606	8,445	8,114	8,169	7,888	7,555	7,192	7,159	6,999	7,232
Ohio	111,668	111,281	110,608	115,762	119,029	116,702	117,356	117,658	120,758	122,203
Oklahoma	37,646	37,458	36,852	36,694	36,799	36,227	36,497	37,100	37,630	37,219
Oregon	30,151	29,939	31,153	32,587	32,958	32,602	32,394	33,446	34,949	35,138
Pennsylvania	113,959	114,436	114,943	119,933	123,474	124,758	127,830	128,603	130,298	130,658
Rhode Island	8,477	8,603	9,006	9,318	9,258	9,881	10,108	10,384	10,347	10,028
South Carolina	31,617	30,026	31,302	32,482	33,235	33,439	34,970	35,108	35,303	39,114
South Dakota	9,278	8,881	8,796	8,999	9,001	8,585	8,589	8,346	8,582	8,123
Tennessee	41,568	40,642	40,894	44,113	46,096	47,967	50,880	54,502	57,486	60,368
Texas	212,925	215,316	225,167	238,111	244,165	239,717	240,485	241,193	252,121	264,275
Utah	32,501	31,036	30,183	29,527	30,252	30,253	29,050	28,276	28,167	30,463
Vermont	6,675	6,856	7,083	6,970	7,100	7,152	6,779	7,317	7,392	7,209
Virginia	65,596	66,067	66,519	72,943	72,042	73,667	69,597	73,997	77,369	79,651
Washington	57,597	55,081	58,311	60,435	61,274	61,094	60,213	62,801	61,625	62,764
West Virginia	19,437	18,440	17,128	17,287	17,339	17,137	16,763	17,407	17,489	17,690



State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Wisconsin	58,545	59,341	60,575	63,272	62,784	63,229	63,003	63,968	65,183	65,410
Wyoming	6,462	6,071	6,106	5,845	5,833	5,616	5,527	5,441	5,494	5,493
Puerto Rico	30,856	30,154	30,278	31,408	30,083	29,071	31,896	31,718	30,016	29,286

Science and Engineering Indicators 2018

State Indicators

High school graduates

State	2010	2011	2012	2013	2014
United States	3,154,494	3,171,345	3,175,951	3,170,154	3,168,670
Alabama	43,166	46,035	45,394	44,233	44,540
Alaska	8,245	8,064	7,989	7,860	7,720
Arizona	61,145	64,472	63,208	62,208	66,710
Arkansas	28,276	28,205	28,419	28,928	29,610
California	404,987	410,467	418,664	422,125	424,110
Colorado	49,321	50,122	50,087	50,968	51,310
Connecticut	34,495	38,854	38,681	38,722	37,860
Delaware	8,133	8,043	8,247	8,070	8,240
District of Columbia	3,602	3,477	3,860	3,961	3,880
Florida	156,130	155,493	151,964	158,029	158,450
Georgia	91,561	92,338	90,582	92,416	94,390
Hawaii	10,998	10,716	11,360	10,790	11,050
Idaho	17,793	17,525	17,568	17,198	19,120
Illinois	139,035	134,956	139,575	139,228	137,650
Indiana	64,551	66,133	65,667	66,595	67,560
Iowa	34,462	33,853	33,230	32,548	32,600
Kansas	31,642	31,370	31,898	31,922	32,150
Kentucky	42,664	43,031	42,642	42,888	42,400
Louisiana	36,573	35,844	36,675	37,508	38,190
Maine	14,069	13,653	13,473	13,170	12,730
Maryland	59,078	58,745	58,811	58,896	58,130
Massachusetts	64,462	64,724	65,157	66,360	65,200
Michigan	110,682	106,017	105,446	104,210	102,520

State Indicators

State	2010	2011	2012	2013	2014
Minnesota	59,667	59,357	57,501	58,255	56,380
Mississippi	25,478	27,321	26,158	26,502	26,650
Missouri	63,994	62,994	61,313	61,407	60,900
Montana	10,075	9,732	9,750	9,369	9,470
Nebraska	19,370	20,331	20,464	20,442	20,580
Nevada	20,956	21,182	21,891	23,038	22,720
New Hampshire	15,034	14,495	14,426	14,262	13,790
New Jersey	96,225	95,186	93,819	96,490	95,230
New Mexico	18,595	19,352	20,315	19,232	18,590
New York	183,826	182,759	180,806	180,351	178,820
North Carolina	88,704	89,892	93,977	94,339	96,220
North Dakota	7,155	7,156	6,942	6,900	6,960
Ohio	123,437	124,229	123,135	122,491	119,520
Oklahoma	38,503	37,744	37,305	37,033	37,260
Oregon	34,671	34,723	34,261	33,899	34,450
Pennsylvania	131,182	130,284	131,733	129,777	127,210
Rhode Island	9,908	9,724	9,751	9,579	9,730
South Carolina	40,438	40,708	41,442	42,246	41,720
South Dakota	8,162	8,248	8,196	8,239	7,960
Tennessee	62,408	61,862	62,454	61,323	60,980
Texas	280,894	290,470	292,531	301,390	304,380
Utah	31,481	30,888	31,157	33,186	33,400
Vermont	7,199	6,932	6,859	6,491	6,360
Virginia	81,511	82,895	83,336	83,279	83,100
Washington	66,046	66,453	65,205	66,066	66,240
West Virginia	17,651	17,311	17,603	17,924	17,520



State Indicators

State	2010	2011	2012	2013	2014
Wisconsin	64,687	64,135	62,705	61,425	60,820
Wyoming	5,695	5,600	5,553	5,489	5,590
Puerto Rico	25,514	26,231	25,720	NA	NA

NA = not available

Science and Engineering Indicators 2018