

## State Indicators

# S-14 Public High School Students Scoring 3 or Higher on the Advanced Placement Calculus AB Exam

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## Description

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The Advanced Placement (AP) Calculus AB exam assesses how well a student has mastered the concepts and techniques of differential and integral calculus. The indicator value is defined as the percentage of U.S. public high school graduates who have scored 3 or higher on the AP Calculus AB exam during their high school career and is a subset of S-13, Public High School Students Scoring 3 or Higher on at Least One Advanced Placement Exam. Many colleges and universities grant college credit or advanced placement for AP Exam scores of 3 or higher. Successful performance on the Calculus AB exam indicates that the student has a solid mathematical background and is prepared to undertake advanced training in mathematics, science, or engineering at the college or university level.

AP courses in calculus consist of a full high school academic year of work and are comparable to calculus courses taught at colleges and universities. Prior to taking an AP Calculus course, students are expected to have completed 4 years of secondary mathematics intended for college-bound students consisting of courses in algebra, geometry, trigonometry, analytic geometry, and elementary functions. Even though a Calculus AB course may cover elementary functions, most of its topics will address differential and integral calculus. The use of a graphing calculator in AP Calculus is considered an integral part of the course, and graphing calculators are required on portions of the AP Exam.

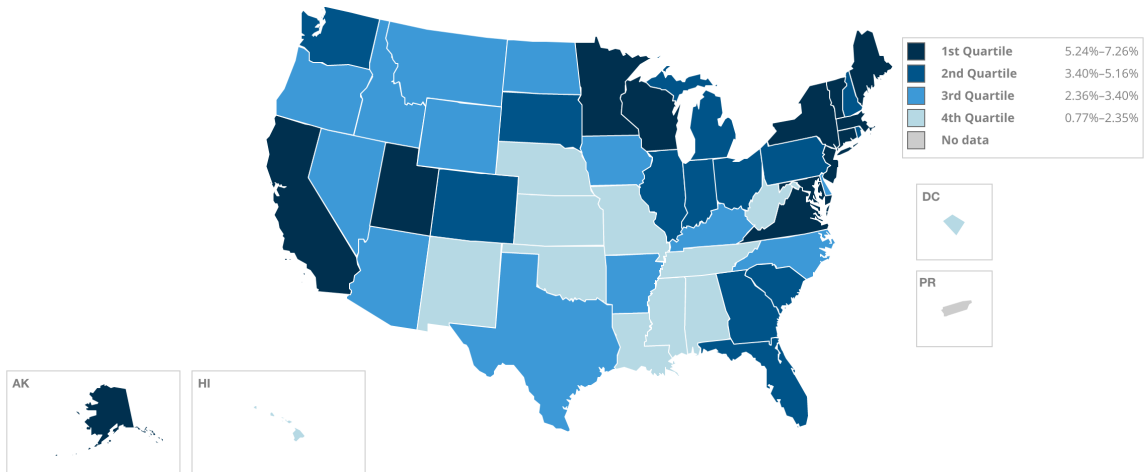
A fee is charged by the College Board for the AP Exam. Recognizing that cost may be an impediment to taking the test, the College Board provides a partial fee waiver to qualified low-income students. Since 1997, many states and municipalities have started partially or fully subsidizing the cost of taking the test. Some of this subsidy is from the federal Department of Education.

Data sources: Derived from data provided by the College Board; U.S. Department of Education, National Center for Education Statistics, Digest of Education Statistics.

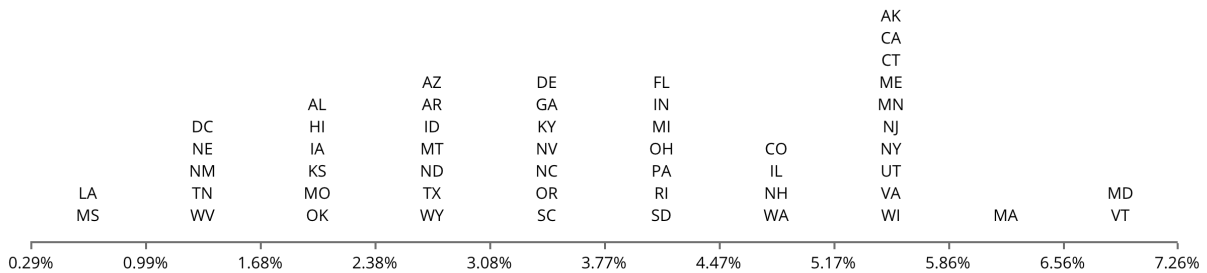
State Indicators

# S-14 Public High School Students Scoring 3 or Higher on the Advanced Placement Calculus AB Exam

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 Scoring 3 or Higher on the Advanced Placement Calculus AB Exam

(Percent)

State	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
United States	2.79	3.06	3.12	2.91	2.92	3.24	3.26	3.46	3.43	3.36
Alabama	1.01	1.10	1.09	0.94	0.96	1.26	1.44	1.52	1.57	1.65
Alaska	3.29	3.79	3.71	3.25	3.94	4.09	4.12	4.70	4.46	4.21
Arizona	1.78	1.83	1.89	1.87	1.64	1.84	2.04	1.79	1.88	2.13
Arkansas	1.05	1.18	1.37	1.43	1.54	2.01	1.89	2.21	1.99	2.21
California	3.64	3.95	3.94	3.83	3.96	4.57	4.48	4.66	4.86	4.58
Colorado	2.83	2.77	2.87	2.83	2.91	3.18	3.73	4.01	4.13	4.31
Connecticut	3.66	4.05	3.83	3.58	3.56	4.05	4.26	4.46	4.92	5.31
Delaware	3.27	4.13	4.46	3.77	3.37	3.73	3.86	3.79	3.81	3.58
District of Columbia	0.50	1.52	1.65	1.09	1.44	1.02	0.99	0.84	1.14	1.03
Florida	3.04	3.19	3.19	3.06	2.96	3.19	3.23	3.35	3.24	3.23
Georgia	2.94	3.23	3.23	2.69	2.83	3.27	3.23	3.64	3.26	2.95
Hawaii	1.85	2.14	2.12	1.97	1.82	2.01	1.80	1.97	1.72	1.95
Idaho	1.73	2.05	2.31	2.27	2.47	2.57	2.46	2.74	2.81	2.90
Illinois	3.23	3.28	3.62	3.28	3.35	3.64	3.61	3.78	3.85	3.79
Indiana	2.75	3.06	2.88	2.54	2.44	2.88	3.04	3.36	3.31	3.17
Iowa	1.54	1.73	1.59	1.67	1.54	1.78	1.73	1.81	1.80	1.76
Kansas	1.39	1.47	1.64	1.71	1.68	1.90	1.88	2.20	2.14	2.19
Kentucky	1.82	2.06	2.13	2.04	2.00	2.41	2.27	2.55	2.54	2.52
Louisiana	0.45	0.39	0.39	0.34	0.29	0.33	0.48	0.57	0.66	0.63
Maine	3.05	3.60	3.01	3.25	3.82	4.13	4.12	4.17	4.50	4.61
Maryland	3.42	3.78	4.30	3.86	4.05	4.38	4.50	4.67	5.07	5.24
Massachusetts	4.03	4.46	4.82	4.37	4.40	4.82	5.03	5.34	5.34	5.33

## State Indicators

State	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Michigan	2.73	3.06	3.14	3.01	2.94	3.19	3.13	3.26	3.33	3.47
Minnesota	3.15	3.40	3.37	3.35	3.30	3.44	3.49	3.85	3.96	3.95
Mississippi	0.57	0.69	0.63	0.59	0.61	0.60	0.68	0.83	0.74	0.47
Missouri	0.96	1.19	1.20	1.11	1.17	1.38	1.21	1.34	1.38	1.44
Montana	1.28	2.08	1.87	1.63	1.73	1.92	1.87	1.92	1.92	2.14
Nebraska	0.60	0.79	0.57	0.68	0.72	0.85	0.83	1.00	1.23	1.19
Nevada	2.06	2.16	2.79	2.59	2.76	3.30	3.14	3.02	3.10	2.61
New Hampshire	3.20	3.73	3.56	3.35	2.85	3.70	4.03	4.37	4.57	3.85
New Jersey	3.80	4.06	4.06	3.74	3.71	3.99	3.97	4.21	4.41	4.27
New Mexico	1.63	1.82	1.79	1.85	1.64	1.57	1.85	1.67	1.58	1.59
New York	5.14	5.77	5.76	5.22	4.66	5.02	4.78	5.00	4.62	4.56
North Carolina	3.66	3.92	4.04	3.49	3.44	3.59	3.74	3.80	3.47	3.15
North Dakota	1.52	1.68	1.48	1.70	1.56	1.95	2.43	2.09	1.31	1.77
Ohio	2.39	2.78	2.89	2.61	2.85	3.00	2.91	3.01	3.01	2.93
Oklahoma	1.49	1.38	1.54	1.27	1.00	1.38	1.27	1.49	1.38	1.23
Oregon	1.91	2.02	2.29	1.97	2.08	2.13	2.52	2.66	2.63	2.73
Pennsylvania	2.48	2.67	2.61	2.48	2.59	2.75	2.93	3.14	3.16	3.16
Rhode Island	1.62	2.10	2.03	1.92	1.98	1.74	2.33	2.74	2.86	3.14
South Carolina	4.21	4.67	4.37	3.63	3.89	3.88	3.74	3.84	3.62	3.10
South Dakota	2.61	3.05	3.18	3.20	3.12	3.34	3.61	3.33	3.82	3.34
Tennessee	1.62	1.67	1.87	1.53	1.45	1.53	1.39	1.56	1.27	1.22
Texas	2.00	2.25	2.42	2.29	2.22	2.60	2.60	2.83	2.66	2.48
Utah	4.79	4.83	5.53	4.73	4.46	5.14	4.94	5.53	4.91	5.04
Vermont	3.53	4.04	4.06	4.20	4.12	5.04	5.25	5.61	5.52	5.47
Virginia	3.64	4.08	3.68	3.49	3.47	3.94	3.98	4.26	4.25	4.13
Washington	3.10	3.30	3.58	3.39	3.67	4.05	4.06	4.55	4.61	4.58

## State Indicators

State	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
West Virginia	1.32	1.31	1.52	1.41	1.26	1.66	1.35	1.33	1.36	1.26
Wisconsin	3.15	3.65	3.57	3.43	3.60	3.58	3.71	4.15	4.08	3.96
Wyoming	2.21	1.80	2.00	1.92	1.57	1.68	2.59	2.22	2.55	2.30
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):**

Derived from data provided by the College Board. Copyright © 2001–2016 The College Board. [www.collegeboard.org](http://www.collegeboard.org); U.S. Department of Education, National Center for Education Statistics, Digest of Education Statistics (various years), data as of February 2017.

Recommended Citation: National Science Board. 2018. "Public High School Students Scoring 3 or Higher on the Advanced Placement Calculus AB Exam." Science and Engineering Indicators 2018, State Indicators. Alexandria, VA: National Science Foundation (NSB-2018-1). <https://www.nsf.gov/statistics/state-indicators/indicator/public-hs-students-scoring-3-or-higher-on-ap-calculus-ab-exams>

Last updated: January 18, 2018

*Science and Engineering Indicators 2018*

## State Indicators

### Public High School Students Scoring 3 or Higher on the Advanced Placement Calculus AB Exam

(Percent)

State	2011	2012	2013	2014
United States	3.45	3.79	4.07	4.22
Alabama	1.77	2.15	2.52	2.35
Alaska	4.68	4.99	4.90	5.48
Arizona	2.04	2.48	2.67	2.46
Arkansas	2.35	2.99	3.03	2.96
California	4.68	5.09	5.50	5.80
Colorado	4.32	4.62	4.47	5.06
Connecticut	5.00	5.45	5.80	5.77
Delaware	3.23	2.49	2.66	3.18
District of Columbia	0.98	0.83	1.36	1.42
Florida	3.29	3.91	4.04	4.32
Georgia	2.90	3.44	3.41	3.40
Hawaii	1.54	2.11	2.43	2.04
Idaho	2.78	2.65	2.99	2.99
Illinois	4.03	4.39	4.71	4.95
Indiana	3.48	3.94	4.07	4.34
Iowa	2.04	2.28	2.12	2.36
Kansas	2.25	2.13	2.26	2.14
Kentucky	2.72	2.99	3.30	3.26
Louisiana	0.79	0.68	0.85	0.88
Maine	4.45	5.06	5.37	5.48
Maryland	5.50	6.24	6.95	7.26
Massachusetts	5.63	6.15	6.45	6.52

## State Indicators

State	2011	2012	2013	2014
Michigan	3.55	3.88	4.04	4.31
Minnesota	4.14	4.70	4.94	5.24
Mississippi	0.52	0.57	0.78	0.77
Missouri	1.32	1.59	1.65	1.72
Montana	2.18	2.36	2.51	2.42
Nebraska	1.25	1.51	1.43	1.33
Nevada	3.06	2.87	3.24	3.40
New Hampshire	4.16	4.19	4.55	4.50
New Jersey	4.58	5.24	5.35	5.77
New Mexico	1.35	1.37	1.40	1.43
New York	4.68	5.06	5.38	5.56
North Carolina	3.15	3.17	3.25	3.12
North Dakota	2.24	2.23	2.75	2.61
Ohio	3.04	3.37	3.64	3.81
Oklahoma	1.22	1.49	1.78	1.69
Oregon	2.72	3.15	3.30	3.20
Pennsylvania	3.23	3.46	3.72	4.12
Rhode Island	2.74	3.09	3.59	3.90
South Carolina	2.98	3.06	3.59	3.75
South Dakota	3.86	3.86	4.19	4.33
Tennessee	1.22	1.41	1.46	1.59
Texas	2.54	2.70	2.82	2.94
Utah	5.46	5.38	5.89	5.35
Vermont	4.82	6.05	6.38	7.14
Virginia	4.35	5.05	5.68	5.65
Washington	4.57	4.78	5.01	5.16

## State Indicators

State	2011	2012	2013	2014
West Virginia	1.41	1.77	1.82	1.68
Wisconsin	4.17	4.52	4.98	5.29
Wyoming	2.89	2.88	2.24	2.56
Puerto Rico	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

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Last updated: January 18, 2018

*Science and Engineering Indicators 2018*



## State Indicators

### Public high school graduates who scored 3+ on the Advanced Placement Calculus AB Exam

State	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
United States	72,762	81,293	86,044	81,258	82,769	92,248	95,338	104,772	105,308	105,952
Alabama	375	396	400	344	359	476	562	627	660	712
Alaska	224	263	271	235	272	301	316	369	357	347
Arizona	831	863	944	852	978	995	1,144	1,103	1,175	1,303
Arkansas	284	318	378	390	410	579	514	636	558	625
California	11,486	12,866	13,434	13,155	14,059	15,698	15,989	17,448	18,097	18,548
Colorado	1,112	1,129	1,215	1,267	1,298	1,411	1,700	1,848	1,959	2,124
Connecticut	1,111	1,309	1,288	1,238	1,266	1,468	1,598	1,714	1,722	1,831
Delaware	216	268	304	262	234	271	278	280	299	291
District of Columbia	14	47	45	33	40	32	29	28	40	37
Florida	3,373	3,812	4,072	4,022	3,943	4,290	4,600	4,987	4,979	5,045
Georgia	1,839	2,130	2,158	1,845	2,005	2,404	2,515	3,038	2,871	2,699
Hawaii	187	224	212	203	197	220	199	229	198	215
Idaho	276	326	367	353	390	414	400	454	473	516
Illinois	3,578	3,823	4,249	4,095	4,139	4,619	4,706	5,113	5,063	5,269
Indiana	1,547	1,733	1,667	1,423	1,352	1,667	1,819	2,081	2,105	2,044
Iowa	520	584	553	572	515	601	589	625	612	608
Kansas	409	434	492	515	509	567	566	676	649	693
Kentucky	674	748	803	771	767	926	889	1,003	1,063	1,074
Louisiana	174	146	145	127	104	110	164	195	236	231
Maine	386	453	390	432	499	535	542	598	634	648
Maryland	1,684	1,924	2,229	2,040	2,194	2,432	2,590	2,765	2,955	3,095
Massachusetts	2,194	2,467	2,697	2,547	2,628	2,952	3,212	3,482	3,485	3,435
Michigan	2,638	2,906	3,145	2,975	2,984	3,272	3,501	3,755	3,751	3,838

## State Indicators

State	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Minnesota	1,784	1,954	2,001	1,981	1,927	2,025	2,079	2,328	2,368	2,359
Mississippi	135	163	149	141	143	144	164	206	181	121
Missouri	521	648	685	646	679	807	727	830	869	920
Montana	136	219	199	171	179	197	189	200	193	216
Nebraska	117	157	115	138	144	168	164	200	240	231
Nevada	312	352	457	394	434	543	538	569	618	547
New Hampshire	393	465	470	446	392	518	583	654	675	579
New Jersey	2,890	3,150	3,304	3,136	3,211	3,594	3,690	4,001	4,195	4,111
New Mexico	296	330	303	331	285	279	298	305	284	295
New York	7,292	8,081	8,286	7,445	7,143	8,130	8,045	8,815	8,361	8,391
North Carolina	2,314	2,584	2,819	2,515	2,577	2,751	2,844	3,162	3,011	2,792
North Dakota	128	136	121	134	118	140	174	146	95	127
Ohio	2,662	3,074	3,349	3,109	3,325	3,520	3,424	3,639	3,674	3,622
Oklahoma	557	509	564	466	362	502	473	561	513	475
Oregon	572	628	745	648	678	690	843	931	923	947
Pennsylvania	2,833	3,067	3,135	3,067	3,235	3,517	3,774	4,087	4,134	4,140
Rhode Island	139	189	189	178	196	176	242	284	287	311
South Carolina	1,264	1,463	1,418	1,207	1,302	1,358	1,313	1,357	1,415	1,253
South Dakota	232	268	286	288	268	287	301	286	310	273
Tennessee	660	681	827	705	694	779	759	898	768	760
Texas	4,305	5,076	5,767	5,587	5,312	6,248	6,261	7,125	7,030	6,967
Utah	1,488	1,459	1,634	1,432	1,350	1,493	1,396	1,558	1,496	1,588
Vermont	242	286	283	298	295	342	384	415	398	394
Virginia	2,404	2,715	2,684	2,511	2,554	2,739	2,948	3,296	3,388	3,367
Washington	1,709	1,925	2,161	2,077	2,243	2,437	2,551	2,802	2,891	3,026
West Virginia	244	224	262	244	216	278	235	233	240	222



## State Indicators

State	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Wisconsin	1,867	2,211	2,256	2,155	2,277	2,253	2,376	2,708	2,670	2,559
Wyoming	134	110	117	112	88	93	141	122	140	131
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA = not available										
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## State Indicators

### Public high school graduates who scored 3+ on the Advanced Placement Calculus AB Exam

State	2011	2012	2013	2014
United States	109,423	120,469	129,066	133,725
Alabama	817	977	1,114	1,048
Alaska	377	399	385	423
Arizona	1,316	1,565	1,660	1,641
Arkansas	663	851	876	876
California	19,200	21,294	23,216	24,578
Colorado	2,166	2,315	2,280	2,595
Connecticut	1,942	2,110	2,244	2,185
Delaware	260	205	215	262
District of Columbia	34	32	54	55
Florida	5,110	5,948	6,391	6,839
Georgia	2,680	3,112	3,154	3,209
Hawaii	165	240	262	225
Idaho	487	465	515	571
Illinois	5,439	6,129	6,551	6,810
Indiana	2,300	2,588	2,709	2,933
Iowa	690	757	690	770
Kansas	707	680	722	688
Kentucky	1,171	1,273	1,415	1,383
Louisiana	283	249	318	335
Maine	608	682	707	698
Maryland	3,231	3,672	4,094	4,218
Massachusetts	3,644	4,010	4,282	4,251
Michigan	3,760	4,096	4,208	4,416

## State Indicators

State	2011	2012	2013	2014
Minnesota	2,455	2,705	2,877	2,954
Mississippi	143	149	206	206
Missouri	833	972	1,016	1,047
Montana	212	230	235	229
Nebraska	255	310	292	273
Nevada	648	628	747	772
New Hampshire	603	604	649	620
New Jersey	4,356	4,919	5,164	5,496
New Mexico	261	278	270	266
New York	8,556	9,156	9,706	9,938
North Carolina	2,836	2,983	3,062	2,999
North Dakota	160	155	190	182
Ohio	3,778	4,149	4,464	4,551
Oklahoma	459	555	661	631
Oregon	946	1,079	1,120	1,103
Pennsylvania	4,206	4,559	4,832	5,236
Rhode Island	266	301	344	379
South Carolina	1,212	1,270	1,516	1,566
South Dakota	318	316	345	345
Tennessee	754	880	895	968
Texas	7,372	7,904	8,498	8,953
Utah	1,688	1,677	1,954	1,786
Vermont	334	415	414	454
Virginia	3,603	4,205	4,729	4,694
Washington	3,036	3,114	3,309	3,416
West Virginia	244	311	326	294



## State Indicators

State	2011	2012	2013	2014
Wisconsin	2,677	2,836	3,060	3,215
Wyoming	162	160	123	143
Puerto Rico	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

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