

## State Indicators

# S-54 Employment in High Science, Engineering, and Technology Employment Establishments as a Percentage of Total Employment

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## Description

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This indicator represents the extent to which a state's workforce is employed in industries with high employment in science, engineering, and technology (SET) occupations. High SET employment industries are defined as those in which the proportion of employees in SET occupations is at least twice the average proportion for all industries. SET occupations include scientific, engineering, and technical occupations that employ workers who generally possess in-depth knowledge of the theories and principles of science, engineering, and mathematics at a postsecondary level.

The U.S. Census Bureau tracks information on establishments, which it defines as single locations at which business is conducted or where services or industrial operations are performed. An establishment is not necessarily identical with a company or enterprise, which may consist of one establishment or more.

The data on business establishments in high SET employment industries for the years 2003–08 are based on the establishments' classification according to the 2002 edition of the North American Industry Classification System (NAICS). The data for the years 2009–12 are based on classification according to the 2007 edition of NAICS, and subsequent years use 2012 NAICS codes. See the State Indicators data tool technical notes for a description of how industries are defined as high SET employment industries.

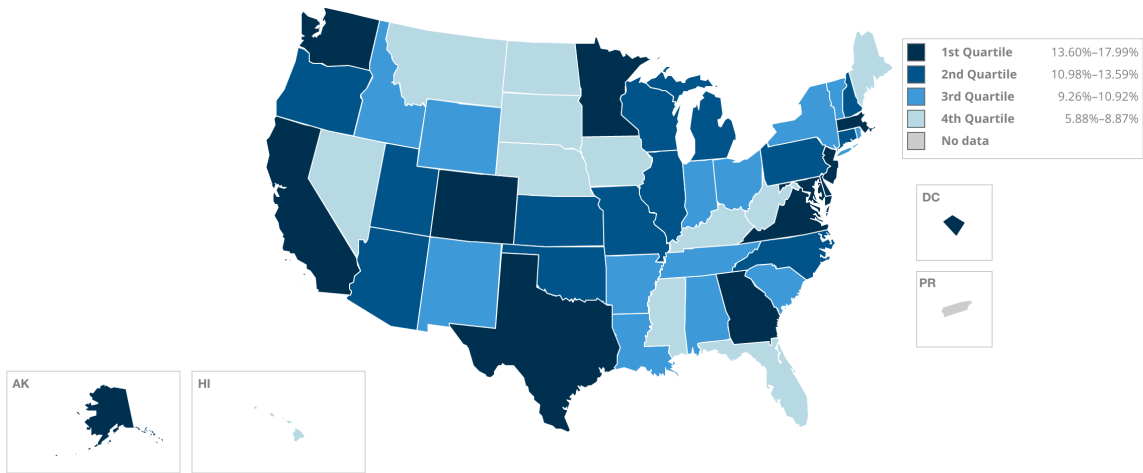
Data on total employment and NAICS industry establishment employment are provided by the U.S. Census Bureau and differ from workforce data provided by the Bureau of Labor Statistics. Total employment refers to all U.S. business establishments with paid employees but does not include crop and animal production, rail transportation, the postal service, public administration, or most government employees.

Data source: U.S. Census Bureau, special tabulations of the Business Information Tracking Series.

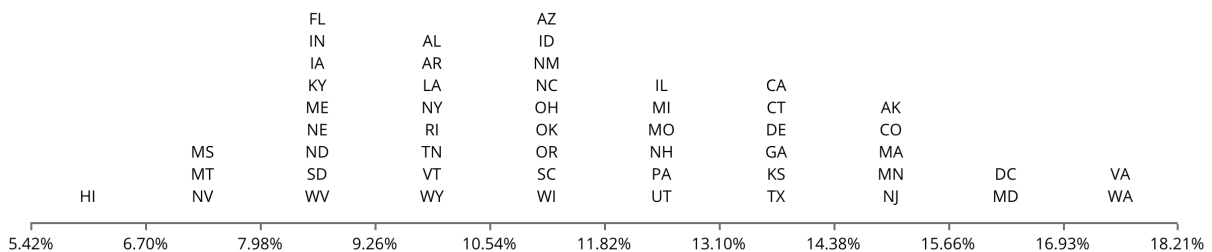
## State Indicators

# S-54 Employment in High Science, Engineering, and Technology Employment Establishments as a Percentage of Total Employment

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

### Employment in High Science, Engineering, and Technology Employment Establishments as a Percentage of Total Employment

(Percent)

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	11.96	11.61	11.55	11.45	11.74	11.47	11.98	11.99	12.10	12.08
Alabama	9.57	9.76	9.83	9.47	9.32	9.49	10.44	10.52	10.56	10.25
Alaska	10.08	9.91	10.71	11.30	12.58	12.40	13.84	14.45	14.80	13.58
Arizona	11.74	11.67	10.85	10.56	10.95	10.41	10.82	11.57	11.08	10.52
Arkansas	9.63	10.04	9.40	8.99	8.71	9.16	10.13	9.95	10.30	10.11
California	13.72	13.33	13.30	13.21	13.36	12.99	13.67	13.68	13.80	13.88
Colorado	14.60	13.92	13.66	13.52	14.58	13.73	15.13	15.53	15.60	15.83
Connecticut	13.55	13.28	13.14	12.52	13.54	12.90	13.44	13.63	13.26	13.50
Delaware	13.59	13.83	12.97	12.30	11.90	10.82	12.20	12.41	11.59	11.23
District of Columbia	12.84	13.11	13.08	12.83	13.04	13.28	13.59	14.65	15.82	14.83
Florida	8.80	8.56	8.33	8.21	8.52	8.34	8.70	8.84	8.86	8.88
Georgia	12.21	11.94	12.05	11.82	11.94	12.33	13.45	13.49	13.30	13.41
Hawaii	5.62	5.54	5.42	5.63	5.58	5.50	5.96	6.26	6.87	6.79
Idaho	11.94	11.00	11.29	10.82	11.03	10.53	10.93	11.07	11.11	10.91
Illinois	12.42	11.83	11.72	11.57	11.95	12.12	12.47	12.18	12.30	12.58
Indiana	8.64	8.49	8.68	8.41	9.08	8.69	9.12	9.20	9.09	8.96
Iowa	8.31	7.74	7.72	7.43	7.57	7.98	8.20	8.27	8.52	8.56
Kansas	13.97	13.71	13.10	12.85	13.75	14.26	14.48	13.89	13.08	13.13
Kentucky	8.28	8.00	7.86	8.07	8.54	8.22	8.44	8.44	8.27	8.38
Louisiana	8.55	7.99	8.48	9.03	8.82	8.81	8.89	8.84	8.97	9.32
Maine	7.20	7.33	7.11	7.47	7.74	7.87	8.21	7.88	7.89	7.99
Maryland	15.12	15.06	15.12	14.63	15.77	14.93	15.31	15.97	16.25	16.14
Massachusetts	15.50	15.30	15.77	16.32	16.12	15.11	15.12	15.11	14.97	15.21

## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Michigan	12.85	12.49	12.52	12.45	12.19	11.66	11.82	11.89	12.30	11.82
Minnesota	13.27	12.93	13.38	13.33	13.94	12.64	13.91	13.10	13.58	14.33
Mississippi	7.30	6.66	6.88	6.87	6.86	6.82	7.19	7.20	7.47	7.28
Missouri	10.65	10.63	10.56	10.68	10.81	11.00	11.45	11.10	11.27	11.06
Montana	6.70	6.50	7.87	7.87	6.60	6.57	7.06	7.20	7.32	7.14
Nebraska	8.90	9.01	7.71	8.21	8.25	8.21	8.28	8.30	8.16	8.29
Nevada	6.37	6.33	5.98	5.74	6.21	6.31	6.39	6.47	6.61	6.62
New Hampshire	11.71	11.60	11.46	11.24	11.56	13.28	13.09	13.40	13.41	12.18
New Jersey	15.38	15.49	15.64	15.10	15.39	15.26	15.59	15.40	15.25	15.01
New Mexico	10.58	10.53	11.22	10.92	11.15	11.36	11.71	11.67	11.96	11.18
New York	11.11	10.74	10.58	10.50	10.58	9.94	10.31	10.25	10.15	10.21
North Carolina	10.47	10.26	10.17	10.17	10.59	10.32	10.83	10.76	10.94	11.32
North Dakota	7.95	7.60	7.80	8.06	10.19	10.85	10.14	8.34	7.99	7.88
Ohio	11.14	10.76	10.60	10.75	10.88	10.88	11.35	11.27	11.27	11.36
Oklahoma	11.22	11.20	11.39	11.09	10.87	10.28	11.02	10.96	10.94	11.70
Oregon	11.37	10.89	10.91	11.06	11.02	11.20	11.10	12.17	11.44	11.76
Pennsylvania	11.26	10.81	10.63	10.58	10.75	10.79	11.36	11.18	11.71	11.63
Rhode Island	8.38	8.42	8.69	9.31	9.23	9.70	10.41	9.52	10.76	9.94
South Carolina	10.54	10.51	10.64	10.43	10.12	10.11	10.07	10.27	10.65	10.59
South Dakota	6.30	6.46	6.59	6.22	6.57	6.68	7.29	7.16	7.40	7.11
Tennessee	9.57	9.25	9.52	9.93	9.87	9.05	9.58	9.66	9.78	9.55
Texas	14.39	13.57	13.38	13.15	13.53	13.11	13.49	13.36	13.36	13.37
Utah	11.09	10.86	11.01	11.05	11.21	11.16	11.54	11.80	11.98	12.10
Vermont	11.47	10.77	10.35	10.24	9.78	10.77	10.70	10.60	10.88	9.22
Virginia	15.65	16.03	15.88	15.85	17.07	15.95	17.22	17.67	18.21	17.89
Washington	17.51	14.54	14.43	14.36	15.23	15.28	16.44	16.66	17.78	16.65

## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
West Virginia	8.31	8.12	7.92	7.77	7.99	7.64	8.44	8.43	8.46	8.08
Wisconsin	9.82	10.07	10.18	10.21	10.47	10.38	10.61	10.58	10.88	10.99
Wyoming	8.30	7.91	7.92	8.02	9.20	8.30	9.01	8.94	9.17	9.18
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available

**Note(s):**

The national total for employment in high-technology industries for the United States does not include U.S. territories. The national total for employment in all industries for the United States does not include U.S. territories.

**Source(s):**

U.S. Census Bureau, special tabulations of the Business Information Tracking Series (various years), data as of April 2017.

Recommended Citation: National Science Board. 2018. "Employment in High Science, Engineering, and Technology Employment Establishments as a Percentage of Total Employment." Science and Engineering Indicators 2018, State Indicators. Alexandria, VA: National Science Foundation (NSB-2018-1). <https://www.nsf.gov/statistics/state-indicators/indicator/high-set-employment-to-total-employment>

Last updated: January 18, 2018

*Science and Engineering Indicators 2018*

## State Indicators

### Employment in High Science, Engineering, and Technology Employment Establishments as a Percentage of Total Employment

(Percent)

State	2013	2014
United States	12.19	12.22
Alabama	10.19	10.15
Alaska	14.89	14.56
Arizona	10.71	10.98
Arkansas	9.94	10.28
California	13.87	13.76
Colorado	15.68	15.62
Connecticut	13.53	13.32
Delaware	13.02	14.00
District of Columbia	15.78	16.70
Florida	8.67	8.77
Georgia	13.44	13.70
Hawaii	5.80	5.88
Idaho	10.94	10.83
Illinois	13.05	12.81
Indiana	9.20	9.26
Iowa	8.46	8.79
Kansas	13.53	13.59
Kentucky	8.46	8.46
Louisiana	9.18	9.37
Maine	8.12	8.03
Maryland	16.38	16.85
Massachusetts	15.52	15.23

## State Indicators

State	2013	2014
Michigan	11.80	11.98
Minnesota	14.70	15.41
Mississippi	7.44	7.33
Missouri	11.71	11.86
Montana	7.36	7.27
Nebraska	8.30	8.31
Nevada	6.79	6.82
New Hampshire	12.50	12.13
New Jersey	14.61	14.89
New Mexico	10.99	10.81
New York	10.26	10.12
North Carolina	11.36	11.11
North Dakota	7.55	8.00
Ohio	11.20	10.92
Oklahoma	11.50	11.68
Oregon	11.88	11.81
Pennsylvania	11.81	12.11
Rhode Island	9.46	9.62
South Carolina	10.86	10.87
South Dakota	7.28	8.01
Tennessee	9.81	9.94
Texas	13.58	13.60
Utah	12.03	12.11
Vermont	10.81	9.40
Virginia	18.02	17.52
Washington	17.61	17.99

## State Indicators

State	2013	2014
West Virginia	8.41	8.87
Wisconsin	11.08	11.48
Wyoming	9.06	9.30
Puerto Rico	NA	NA

NA = not available

**Note(s):**

The national total for employment in high-technology industries for the United States does not include U.S. territories. The national total for employment in all industries for the United States does not include U.S. territories.

**Source(s):**

U.S. Census Bureau, special tabulations of the Business Information Tracking Series (various years), data as of April 2017.

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## State Indicators

### Employment in high SET employment establishments

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	13,563,122	13,356,596	13,427,902	13,733,632	14,152,153	13,870,679	13,721,708	13,428,176	13,713,661	13,996,627
Alabama	152,879	158,927	163,816	162,197	160,545	162,713	168,098	164,889	166,086	162,398
Alaska	21,851	22,107	24,737	27,306	30,766	30,794	35,017	36,813	37,728	35,066
Arizona	234,603	238,462	234,337	246,648	263,246	243,159	229,857	238,931	233,527	224,579
Arkansas	95,180	101,124	95,571	93,648	89,819	93,991	98,315	95,963	101,020	98,918
California	1,781,830	1,767,202	1,779,559	1,826,638	1,838,795	1,785,871	1,755,069	1,715,056	1,751,846	1,797,199
Colorado	274,979	265,613	264,410	272,952	302,681	291,442	303,483	303,701	307,513	322,294
Connecticut	210,114	204,107	201,027	198,450	208,417	200,106	197,221	195,895	191,230	197,544
Delaware	52,349	54,164	50,939	47,749	47,144	42,178	45,264	44,535	41,644	40,831
District of Columbia	54,314	57,250	57,487	57,297	59,284	61,916	63,384	67,828	75,451	71,598
Florida	576,274	587,452	591,958	618,540	632,765	614,504	596,954	585,325	596,783	615,379
Georgia	413,384	411,977	420,274	428,272	435,409	448,230	458,244	447,211	442,274	454,452
Hawaii	25,777	26,203	26,606	28,848	28,932	28,500	29,131	29,955	33,357	33,385
Idaho	55,706	53,738	58,606	59,082	60,056	56,624	54,671	54,000	53,650	53,805
Illinois	646,285	617,306	613,744	619,777	644,910	662,391	638,402	606,229	619,310	644,050
Indiana	219,598	219,694	226,498	224,644	240,529	227,568	223,527	220,867	221,887	225,058
Iowa	102,387	96,100	97,387	96,190	98,655	105,099	105,440	103,641	107,634	110,493
Kansas	155,023	153,046	146,190	146,849	160,739	169,118	165,982	156,591	145,528	148,934
Kentucky	121,838	119,167	118,969	125,204	132,400	129,162	125,398	122,950	120,985	124,003
Louisiana	137,029	129,722	137,201	143,846	145,219	145,702	145,735	141,384	144,944	153,365
Maine	35,184	36,221	35,371	37,934	39,004	40,028	40,126	37,840	37,860	38,912
Maryland	315,887	323,966	327,825	326,546	353,025	333,584	324,924	331,437	341,812	347,286
Massachusetts	460,984	455,749	472,540	496,630	495,550	464,759	448,579	442,407	442,954	462,845
Michigan	499,133	486,706	475,203	475,350	449,369	424,066	399,975	390,824	415,727	409,679

## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Minnesota	315,994	309,303	325,170	329,927	351,940	318,203	336,601	308,919	324,896	355,310
Mississippi	66,566	61,858	63,757	64,558	64,539	64,420	64,962	63,467	66,276	65,214
Missouri	254,299	257,290	256,195	263,494	265,680	272,023	270,126	254,464	258,856	256,605
Montana	20,296	20,452	25,721	26,958	23,340	23,651	24,113	24,377	24,596	24,526
Nebraska	68,975	69,724	59,563	64,779	65,653	66,152	64,555	63,881	65,035	67,815
Nevada	61,847	64,648	65,102	66,875	74,288	72,942	66,593	64,882	66,077	67,174
New Hampshire	63,264	63,907	64,410	64,914	66,235	79,105	74,361	75,371	74,275	66,840
New Jersey	550,224	558,921	562,279	550,515	563,587	556,378	536,800	518,502	514,716	516,348
New Mexico	60,399	61,149	66,785	68,627	71,616	72,838	72,124	70,027	71,429	66,469
New York	823,992	798,462	784,557	790,696	796,369	758,087	756,190	744,789	747,818	771,504
North Carolina	349,424	345,316	346,758	358,501	379,831	370,028	363,280	347,943	359,140	379,472
North Dakota	20,584	20,176	21,100	22,450	29,850	33,096	30,042	24,590	24,367	26,114
Ohio	531,491	512,352	504,873	518,835	520,079	514,408	506,413	490,703	499,511	516,671
Oklahoma	132,887	133,871	138,896	141,575	142,168	137,334	142,189	136,082	137,936	152,710
Oregon	152,140	147,549	153,728	161,641	162,690	166,086	151,464	164,454	153,404	160,347
Pennsylvania	566,406	551,971	540,313	549,180	558,193	564,569	572,650	556,446	594,463	600,936
Rhode Island	35,806	36,577	38,402	41,020	40,738	42,046	42,988	37,962	43,676	40,050
South Carolina	163,373	164,035	168,611	170,200	166,710	167,198	155,452	154,343	161,929	164,008
South Dakota	18,890	19,897	20,481	20,202	21,680	22,551	24,149	23,558	24,181	23,912
Tennessee	219,898	217,191	226,354	245,517	244,256	225,724	222,083	218,686	224,845	223,682
Texas	1,158,481	1,101,175	1,111,181	1,144,997	1,222,727	1,210,285	1,204,262	1,173,479	1,200,621	1,250,182
Utah	99,856	101,547	107,254	114,815	123,602	124,399	122,290	120,574	123,145	129,586
Vermont	29,402	27,572	27,066	27,001	26,216	29,372	28,320	27,984	28,749	24,473
Virginia	459,017	489,703	485,734	502,890	545,693	508,097	527,071	529,869	551,332	552,720
Washington	401,413	329,698	334,151	347,710	380,962	387,407	392,139	387,568	418,457	393,041
West Virginia	46,635	46,172	44,781	45,284	46,395	45,280	48,317	47,252	47,983	46,850



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State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Wisconsin	233,967	245,257	249,221	253,499	260,033	259,072	250,023	245,381	256,129	262,339
Wyoming	15,008	14,820	15,204	16,375	19,824	18,423	19,355	18,351	19,069	19,656
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available

*Science and Engineering Indicators 2018*

## State Indicators

### Employment in high SET employment establishments

State	2013	2014
United States	14,409,449	14,792,490
Alabama	163,249	162,747
Alaska	39,678	38,832
Arizona	232,641	246,095
Arkansas	97,264	102,021
California	1,858,727	1,904,433
Colorado	327,861	340,646
Connecticut	199,364	197,778
Delaware	49,745	54,822
District of Columbia	77,478	82,732
Florida	618,275	652,750
Georgia	464,406	486,380
Hawaii	29,151	30,537
Idaho	55,762	57,435
Illinois	680,051	680,616
Indiana	235,020	240,949
Iowa	110,447	115,697
Kansas	155,888	160,013
Kentucky	127,488	129,863
Louisiana	154,851	161,040
Maine	39,549	39,534
Maryland	357,500	373,587
Massachusetts	476,265	470,335
Michigan	417,530	432,641

## State Indicators

State	2013	2014
Minnesota	370,152	395,340
Mississippi	67,100	66,876
Missouri	275,817	285,000
Montana	25,799	26,442
Nebraska	68,880	70,671
Nevada	71,144	74,408
New Hampshire	68,972	68,295
New Jersey	509,945	524,948
New Mexico	65,675	65,129
New York	788,272	794,742
North Carolina	388,581	395,390
North Dakota	25,893	28,907
Ohio	513,523	506,273
Oklahoma	152,352	159,022
Oregon	165,829	170,489
Pennsylvania	611,879	636,149
Rhode Island	38,620	40,572
South Carolina	171,854	175,947
South Dakota	24,797	27,869
Tennessee	234,777	244,017
Texas	1,311,889	1,349,182
Utah	132,504	138,998
Vermont	28,384	24,548
Virginia	564,289	553,785
Washington	430,402	455,098
West Virginia	48,493	50,975



## State Indicators

State	2013	2014
Wisconsin	266,197	281,496
Wyoming	19,240	20,439
Puerto Rico	NA	NA
NA = not available		
<i>Science and Engineering Indicators 2018</i>		

## State Indicators

### Total employment

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	113,373,663	115,049,548	116,292,371	119,892,505	120,579,971	120,933,454	114,509,643	111,956,736	113,378,235	115,913,516
Alabama	1,597,265	1,628,733	1,667,139	1,713,185	1,722,354	1,714,898	1,610,651	1,567,725	1,572,441	1,584,901
Alaska	216,707	223,099	231,009	241,568	244,560	248,274	252,978	254,694	254,963	258,201
Arizona	1,997,990	2,043,729	2,159,456	2,334,665	2,403,472	2,334,785	2,124,509	2,065,596	2,107,905	2,134,019
Arkansas	988,822	1,007,283	1,017,246	1,041,868	1,031,129	1,025,872	970,154	964,899	980,402	978,444
California	12,986,496	13,260,306	13,378,735	13,830,274	13,767,970	13,746,493	12,839,930	12,534,832	12,693,031	12,950,898
Colorado	1,883,883	1,908,126	1,935,926	2,018,905	2,075,404	2,121,945	2,006,202	1,955,624	1,971,399	2,036,403
Connecticut	1,550,615	1,537,160	1,529,452	1,585,660	1,538,977	1,551,373	1,467,731	1,436,754	1,442,509	1,462,907
Delaware	385,098	391,647	392,798	388,178	396,251	389,927	370,882	358,811	359,447	363,558
District of Columbia	422,912	436,791	439,576	446,502	454,512	466,152	466,466	463,070	477,073	482,929
Florida	6,548,276	6,863,196	7,105,684	7,534,165	7,423,816	7,367,042	6,860,186	6,624,005	6,733,860	6,931,736
Georgia	3,386,590	3,451,802	3,488,165	3,622,522	3,647,746	3,633,902	3,407,688	3,315,180	3,326,094	3,390,088
Hawaii	458,952	473,181	490,641	512,488	518,928	518,052	488,726	478,798	485,360	491,981
Idaho	466,379	488,557	519,193	546,108	544,337	537,706	500,409	487,901	482,861	493,387
Illinois	5,204,887	5,216,180	5,234,713	5,356,504	5,397,867	5,463,437	5,121,471	4,978,701	5,036,301	5,119,761
Indiana	2,540,554	2,586,282	2,610,423	2,672,558	2,647,861	2,619,567	2,451,118	2,400,566	2,440,517	2,510,868
Iowa	1,232,709	1,241,688	1,260,756	1,295,143	1,303,265	1,317,765	1,285,585	1,252,828	1,263,628	1,291,114
Kansas	1,109,699	1,115,930	1,115,891	1,142,487	1,168,907	1,185,876	1,145,903	1,127,221	1,112,653	1,134,052
Kentucky	1,471,622	1,489,285	1,513,930	1,551,791	1,550,035	1,570,686	1,486,216	1,456,297	1,462,080	1,480,509
Louisiana	1,603,492	1,623,431	1,617,284	1,592,682	1,645,547	1,654,417	1,638,765	1,600,202	1,616,320	1,644,841
Maine	488,788	494,165	497,280	508,061	503,725	508,905	488,733	480,302	479,617	487,009
Maryland	2,088,552	2,151,093	2,167,641	2,231,888	2,238,894	2,235,033	2,121,954	2,075,391	2,103,390	2,151,870
Massachusetts	2,974,164	2,979,251	2,995,940	3,043,643	3,073,572	3,076,457	2,967,056	2,928,453	2,958,936	3,042,329
Michigan	3,884,881	3,895,217	3,796,337	3,817,762	3,686,604	3,637,690	3,384,381	3,287,170	3,380,596	3,466,765

## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Minnesota	2,381,860	2,392,481	2,430,442	2,475,859	2,525,488	2,517,847	2,419,526	2,358,867	2,392,931	2,479,994
Mississippi	912,004	928,181	926,842	940,329	941,215	944,776	903,239	881,489	887,567	895,257
Missouri	2,387,245	2,420,994	2,425,006	2,467,626	2,457,551	2,472,861	2,358,446	2,292,521	2,296,481	2,319,334
Montana	302,932	314,806	326,788	342,461	353,717	359,721	341,384	338,366	335,871	343,706
Nebraska	774,858	774,187	772,952	789,117	795,489	805,633	779,585	769,404	797,372	818,126
Nevada	970,678	1,021,842	1,088,939	1,165,243	1,195,473	1,156,305	1,042,819	1,002,731	1,000,314	1,014,763
New Hampshire	540,132	550,869	562,248	577,322	573,026	595,473	568,245	562,382	553,956	548,691
New Jersey	3,578,674	3,609,297	3,594,465	3,644,967	3,661,138	3,646,897	3,442,813	3,365,857	3,375,743	3,439,597
New Mexico	571,057	580,443	595,102	628,472	642,068	641,010	615,686	600,269	597,441	594,336
New York	7,415,430	7,431,893	7,416,070	7,531,772	7,528,488	7,622,956	7,331,243	7,264,463	7,364,273	7,553,852
North Carolina	3,337,552	3,365,050	3,409,207	3,523,954	3,585,951	3,585,005	3,353,163	3,233,868	3,283,128	3,352,893
North Dakota	258,878	265,632	270,423	278,395	292,851	304,892	296,189	294,794	305,058	331,211
Ohio	4,769,406	4,761,492	4,762,024	4,824,859	4,781,448	4,728,989	4,460,283	4,353,123	4,431,859	4,548,588
Oklahoma	1,184,312	1,194,830	1,219,952	1,276,743	1,307,578	1,335,467	1,290,041	1,241,178	1,261,060	1,305,216
Oregon	1,338,380	1,355,101	1,409,055	1,461,339	1,476,970	1,482,627	1,364,099	1,350,947	1,340,554	1,363,388
Pennsylvania	5,028,650	5,106,171	5,082,019	5,189,349	5,194,723	5,233,871	5,042,545	4,975,537	5,074,535	5,167,986
Rhode Island	427,369	434,600	442,047	440,715	441,293	433,626	412,919	398,960	405,835	402,869
South Carolina	1,550,227	1,560,401	1,584,499	1,631,690	1,647,759	1,654,494	1,543,237	1,502,540	1,520,505	1,549,055
South Dakota	299,723	307,944	310,739	325,045	330,071	337,830	331,060	328,930	326,875	336,479
Tennessee	2,298,836	2,346,903	2,377,958	2,472,939	2,475,155	2,493,070	2,317,168	2,262,886	2,299,621	2,343,251
Texas	8,049,300	8,116,465	8,303,141	8,709,575	9,038,702	9,232,889	8,924,103	8,785,658	8,983,970	9,349,146
Utah	900,331	934,939	974,522	1,038,879	1,102,528	1,114,776	1,059,980	1,021,872	1,028,325	1,070,663
Vermont	256,401	256,040	261,614	263,759	268,023	272,847	264,673	264,076	264,263	265,358
Virginia	2,932,471	3,054,221	3,059,504	3,173,767	3,196,510	3,186,112	3,060,141	2,999,409	3,027,116	3,088,730
Washington	2,292,462	2,268,155	2,315,651	2,420,633	2,500,835	2,536,196	2,385,409	2,325,825	2,353,622	2,361,207
West Virginia	561,317	568,581	565,405	583,033	580,953	592,356	572,773	560,311	567,496	579,876





## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Wisconsin	2,382,979	2,434,580	2,448,641	2,481,998	2,483,664	2,496,839	2,356,459	2,320,269	2,353,169	2,387,322
Wyoming	180,866	187,318	191,901	204,058	215,571	221,835	214,721	205,184	207,912	214,052
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA = not available										
<i>Science and Engineering Indicators 2018</i>										

## State Indicators

### Total employment

State	2013	2014
United States	118,241,935	121,057,809
Alabama	1,602,593	1,603,821
Alaska	266,526	266,769
Arizona	2,173,051	2,240,697
Arkansas	978,048	992,327
California	13,399,069	13,835,861
Colorado	2,090,842	2,181,042
Connecticut	1,473,000	1,484,363
Delaware	382,083	391,534
District of Columbia	490,999	495,529
Florida	7,131,772	7,440,741
Georgia	3,456,056	3,551,463
Hawaii	502,512	519,007
Idaho	509,891	530,347
Illinois	5,210,935	5,313,018
Indiana	2,555,767	2,602,617
Iowa	1,304,895	1,316,385
Kansas	1,152,041	1,177,786
Kentucky	1,507,300	1,535,198
Louisiana	1,687,212	1,718,046
Maine	487,141	492,395
Maryland	2,182,008	2,216,640
Massachusetts	3,069,578	3,087,228
Michigan	3,537,156	3,610,530

## State Indicators

State	2013	2014
Minnesota	2,517,670	2,565,582
Mississippi	902,348	911,918
Missouri	2,354,808	2,403,955
Montana	350,338	363,519
Nebraska	830,032	850,921
Nevada	1,047,716	1,090,531
New Hampshire	551,753	563,243
New Jersey	3,490,046	3,526,394
New Mexico	597,337	602,607
New York	7,686,285	7,855,415
North Carolina	3,420,207	3,560,397
North Dakota	342,780	361,141
Ohio	4,585,180	4,635,451
Oklahoma	1,325,225	1,361,044
Oregon	1,396,367	1,443,059
Pennsylvania	5,179,896	5,254,972
Rhode Island	408,354	421,612
South Carolina	1,582,582	1,619,248
South Dakota	340,600	347,841
Tennessee	2,393,073	2,453,745
Texas	9,658,669	9,917,522
Utah	1,101,534	1,147,846
Vermont	262,551	261,067
Virginia	3,131,804	3,160,306
Washington	2,443,661	2,529,057
West Virginia	576,640	574,916



## State Indicators

State	2013	2014
Wisconsin	2,401,576	2,451,370
Wyoming	212,428	219,786
Puerto Rico	NA	NA
NA = not available		
<i>Science and Engineering Indicators 2018</i>		