

## State Indicators

# S-38 Engineers as a Percentage of All Occupations

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## Description

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Engineers design and operate production processes and create new products and services. This indicator represents the percentage of trained engineers in a state's workforce. It includes the standard occupational codes for engineering fields: aerospace, agricultural, biomedical, chemical, civil, computer hardware, electrical and electronics, environmental, industrial, marine and naval architectural, materials, mechanical, mining and geological, nuclear, and petroleum. Occupations also include postsecondary teachers in these fields.

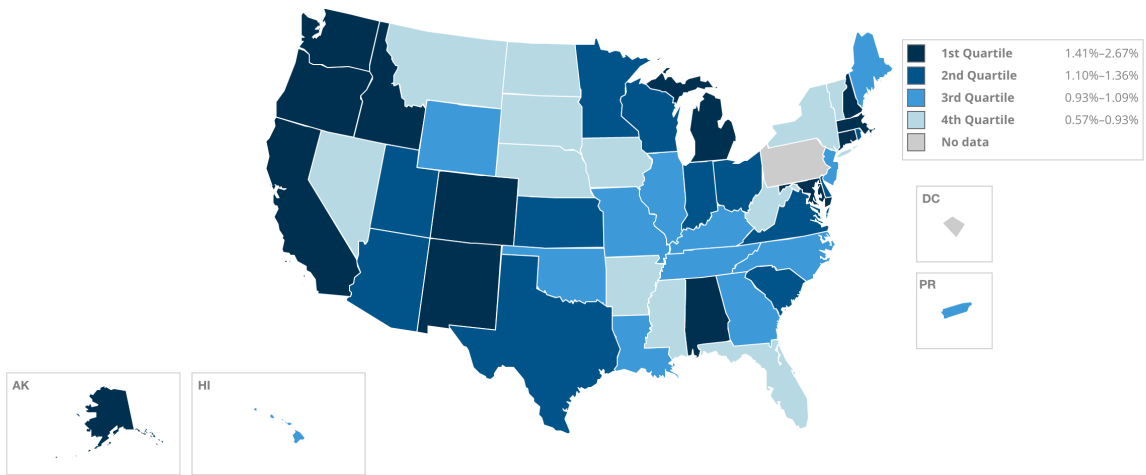
Data on individuals in engineering occupations and total occupations come from the Bureau of Labor Statistics (BLS) Occupational Employment Statistics (OES) Survey, a survey of workplaces that assigns workers to a state based on where they work. Estimates are developed by BLS from data provided by state workforce agencies. The OES survey covers all full-time and part-time wage and salary workers in nonfarm industries. The survey does not cover the self-employed, owners and partners in unincorporated firms, household workers, or unpaid family workers. Estimates for states with smaller populations are generally less precise than estimates for states with larger populations.

Data source: U.S. Department of Labor, Bureau of Labor Statistics, Occupational Employment Statistics Survey.

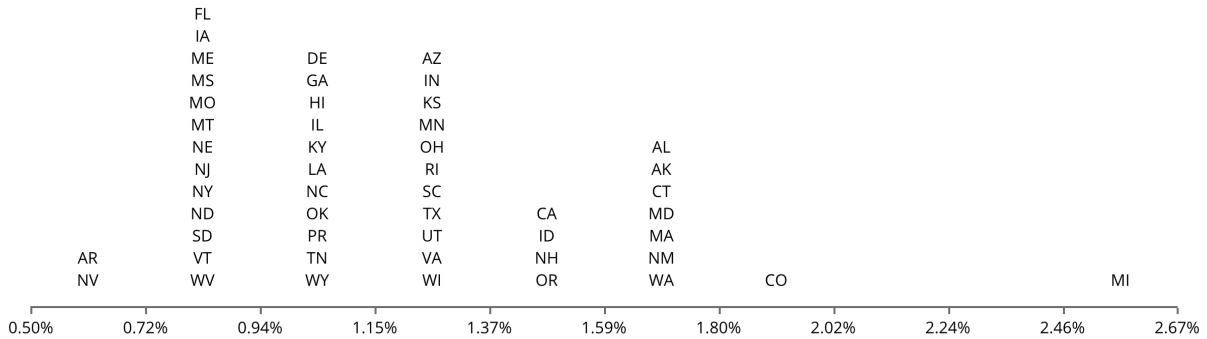
State Indicators

# S-38 Engineers as a Percentage of All Occupations

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

### Engineers as a Percentage of All Occupations

(Percent)

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	1.15	1.17	1.16	1.16	1.18	1.20	1.22	1.22	1.23	1.25
Alabama	1.19	1.25	1.31	1.37	1.44	1.36	1.45	1.52	1.52	1.60
Alaska	1.23	1.15	1.17	1.10	1.27	1.45	1.70	1.82	1.72	1.74
Arizona	1.52	1.55	1.45	1.38	1.34	1.36	1.36	NA	1.37	1.36
Arkansas	0.50	0.60	0.62	0.62	0.65	0.62	0.59	0.58	NA	0.60
California	1.47	1.56	1.55	1.54	1.59	1.58	1.58	1.59	1.60	1.64
Colorado	1.68	1.61	1.58	1.68	1.71	1.79	1.81	1.74	1.68	1.66
Connecticut	1.59	1.58	1.55	1.45	1.45	1.41	1.43	1.45	1.45	1.45
Delaware	0.85	0.95	0.99	1.13	1.13	1.20	1.13	1.33	1.19	1.21
District of Columbia	1.69	1.60	1.55	1.46	1.26	1.29	1.27	1.43	1.44	1.51
Florida	0.81	0.83	0.85	0.86	0.88	0.89	0.90	0.89	0.89	0.86
Georgia	0.80	0.80	0.78	0.75	0.82	0.89	0.95	0.96	0.93	0.95
Hawaii	0.84	0.83	0.81	0.90	0.82	0.82	0.84	0.90	0.95	0.99
Idaho	1.51	1.51	1.51	1.48	1.30	1.21	1.21	1.26	1.45	1.46
Illinois	1.02	1.01	1.05	0.98	0.96	0.94	0.99	1.05	1.04	1.09
Indiana	1.06	1.08	1.03	0.97	0.96	1.05	1.05	1.11	1.10	1.15
Iowa	NA	0.69	0.69	0.71	0.70	0.68	0.75	0.78	0.82	0.82
Kansas	1.54	1.45	1.42	1.32	1.25	1.23	1.30	1.13	1.24	1.16
Kentucky	0.76	0.76	0.77	0.73	0.75	0.76	0.82	0.79	0.86	0.83
Louisiana	0.86	0.81	0.77	0.86	0.82	0.97	1.06	NA	1.01	1.07
Maine	0.82	0.75	0.75	0.71	0.67	0.74	0.80	0.80	0.81	0.87
Maryland	1.37	1.49	1.48	1.46	1.52	1.54	1.59	1.61	1.57	1.64
Massachusetts	1.58	1.64	1.64	1.63	1.65	1.68	1.61	1.59	1.56	1.64

## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Michigan	2.14	2.10	2.11	2.32	2.42	2.23	2.16	2.18	2.26	2.25
Minnesota	1.18	1.10	1.13	1.05	1.07	1.09	1.07	1.10	1.16	1.26
Mississippi	0.71	0.76	0.75	0.88	0.87	0.89	0.80	NA	0.78	NA
Missouri	0.77	0.86	0.83	0.85	0.95	0.95	0.93	0.89	0.89	0.89
Montana	0.68	0.64	0.63	0.66	0.73	0.80	0.81	0.90	0.87	0.93
Nebraska	0.67	0.64	0.67	0.65	0.64	0.68	0.68	0.66	0.68	0.69
Nevada	0.61	0.64	0.66	0.63	0.63	0.62	0.66	0.70	0.69	0.64
New Hampshire	1.23	1.31	1.26	1.29	1.29	1.24	1.29	1.33	1.40	1.35
New Jersey	0.96	0.99	0.96	0.96	1.00	1.02	1.01	1.00	1.02	1.03
New Mexico	1.70	1.40	1.38	1.38	1.41	1.40	1.54	1.65	1.62	1.60
New York	0.80	0.79	0.78	0.82	0.81	0.86	0.82	0.78	NA	0.73
North Carolina	0.84	0.82	0.80	0.77	0.81	0.82	0.84	0.86	0.93	0.95
North Dakota	0.68	0.65	0.71	0.75	0.73	0.72	0.76	0.83	0.89	0.87
Ohio	1.17	NA	1.12	1.08	1.08	1.13	1.16	1.15	1.17	1.20
Oklahoma	0.91	0.96	0.97	0.92	0.90	0.90	0.92	1.03	1.08	1.16
Oregon	1.17	1.22	1.10	NA	1.12	1.10	1.16	1.17	1.24	1.33
Pennsylvania	NA	NA	1.08	1.09	1.09	1.11	1.14	1.17	1.21	1.20
Rhode Island	1.06	1.14	1.13	1.13	1.08	1.08	1.12	1.17	1.14	1.13
South Carolina	1.13	1.20	1.17	1.22	1.18	1.20	1.24	1.29	1.41	1.47
South Dakota	0.55	0.55	0.56	0.58	NA	0.62	0.63	0.61	0.67	0.69
Tennessee	0.80	0.83	0.86	0.78	0.80	0.84	0.82	0.98	0.97	0.99
Texas	1.26	1.28	1.27	1.27	1.30	1.41	1.43	1.39	1.38	1.44
Utah	1.16	1.12	1.11	1.14	1.14	1.17	1.20	1.26	1.27	1.33
Vermont	1.24	1.26	1.27	1.26	1.22	1.26	1.25	1.29	1.02	1.06
Virginia	1.36	1.43	1.38	1.41	1.44	1.48	NA	1.51	1.52	1.50
Washington	1.78	NA	1.79	1.82	NA	1.93	NA	2.04	1.98	NA

## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
West Virginia	0.72	0.71	0.67	0.74	0.75	0.74	0.71	0.72	0.72	0.70
Wisconsin	1.11	1.07	1.08	1.13	1.12	1.15	1.11	1.10	1.12	1.14
Wyoming	0.88	0.93	0.96	0.98	1.04	1.15	1.18	1.16	1.14	1.10
Puerto Rico	0.75	0.72	0.72	0.80	NA	0.80	0.86	0.78	0.79	0.81

NA = not available

**Note(s):**

Occupational Employment Statistics (OES) estimates for 2004 and earlier are based on November data

**Source(s):**

U.S. Department of Labor, Bureau of Labor Statistics, special tabulations of the Occupational Employment Statistics Survey (various years), data as of May 2018.

Recommended Citation: National Science Board. 2018. "Engineers as a Percentage of All Occupations." Science and Engineering Indicators 2018, State Indicators. Alexandria, VA: National Science Foundation (NSB-2018-1). <https://www.nsf.gov/statistics/state-indicators/indicator/engineers-to-all-occupations>

Last updated: September 27, 2018

*Science and Engineering Indicators 2018*

## State Indicators

### Engineers as a Percentage of All Occupations

(Percent)

State	2013	2014	2015	2016	2017
United States	1.24	1.24	1.25	1.24	1.24
Alabama	1.65	1.63	1.67	1.68	1.71
Alaska	1.55	1.58	1.61	1.55	1.60
Arizona	1.35	1.29	1.22	1.24	1.24
Arkansas	0.61	0.63	0.60	0.61	0.67
California	1.61	1.60	1.55	1.45	1.41
Colorado	1.76	1.77	1.87	1.85	1.83
Connecticut	1.50	1.46	1.47	1.46	1.65
Delaware	0.93	0.95	0.88	0.86	1.10
District of Columbia	NA	NA	1.13	NA	NA
Florida	0.80	0.76	0.77	0.78	0.77
Georgia	0.99	0.98	1.07	1.09	1.06
Hawaii	0.98	0.93	0.94	0.99	0.96
Idaho	1.38	1.31	1.37	1.43	1.41
Illinois	1.01	1.00	1.03	1.07	1.06
Indiana	1.24	1.27	1.24	1.15	1.21
Iowa	0.79	0.85	0.83	0.80	0.76
Kansas	1.14	1.03	1.04	1.11	1.16
Kentucky	0.87	0.83	0.87	0.83	0.95
Louisiana	1.10	1.13	1.10	1.03	1.00
Maine	0.92	0.91	0.91	0.91	0.93
Maryland	1.66	1.63	1.64	1.65	1.67
Massachusetts	1.61	1.64	1.63	1.66	1.66

## State Indicators

State	2013	2014	2015	2016	2017
Michigan	2.28	2.40	2.49	2.58	2.67
Minnesota	1.21	1.21	1.22	1.28	1.28
Mississippi	0.72	0.79	0.83	0.79	0.80
Missouri	0.87	0.87	0.89	0.90	0.93
Montana	0.89	0.86	0.89	0.88	0.92
Nebraska	0.74	0.75	0.76	0.78	0.77
Nevada	0.56	0.53	0.55	0.57	0.57
New Hampshire	1.35	1.30	1.33	1.37	1.51
New Jersey	1.03	0.99	0.97	0.97	0.93
New Mexico	1.63	1.61	1.73	1.72	1.65
New York	0.75	0.76	0.78	0.79	0.79
North Carolina	0.92	0.96	0.98	1.05	1.08
North Dakota	0.85	0.82	0.82	0.93	0.93
Ohio	1.21	1.25	1.31	1.34	1.34
Oklahoma	1.10	1.16	1.18	1.11	1.09
Oregon	1.38	1.35	1.46	1.48	1.50
Pennsylvania	1.15	NA	NA	NA	NA
Rhode Island	1.15	1.14	1.13	1.16	1.25
South Carolina	1.47	1.40	1.39	1.37	1.36
South Dakota	0.73	0.74	0.78	0.75	0.74
Tennessee	1.03	1.06	1.03	0.98	0.95
Texas	1.41	1.39	1.36	1.38	1.36
Utah	1.42	1.43	1.31	1.29	1.26
Vermont	1.19	1.23	1.14	0.95	0.91
Virginia	1.46	1.42	1.36	1.34	1.33
Washington	NA	1.90	NA	1.87	1.71

## State Indicators

State	2013	2014	2015	2016	2017
West Virginia	0.70	0.74	0.81	0.78	0.75
Wisconsin	1.20	1.27	1.30	1.29	1.30
Wyoming	1.12	1.19	1.19	1.10	0.97
Puerto Rico	0.90	0.96	0.95	1.03	1.03

NA = not available

**Note(s):**

Occupational Employment Statistics (OES) estimates for 2004 and earlier are based on November data

**Source(s):**

U.S. Department of Labor, Bureau of Labor Statistics, special tabulations of the Occupational Employment Statistics Survey (various years), data as of May 2018.

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Last updated: September 27, 2018

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## State Indicators

### Engineers

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	1,465,670	1,508,960	1,514,180	1,543,900	1,588,350	1,626,330	1,587,880	1,554,780	1,574,830	1,629,470
Alabama	21,660	23,050	24,580	26,210	27,860	26,430	26,990	27,480	27,500	29,240
Alaska	3,570	3,410	3,500	3,330	3,820	4,450	5,250	5,600	5,390	5,540
Arizona	34,500	36,630	35,420	35,630	35,490	35,850	33,650	NA	32,580	32,880
Arkansas	5,610	6,760	7,130	7,210	7,670	7,340	6,750	6,630	NA	6,940
California	212,620	227,310	227,820	231,480	241,970	240,860	230,000	222,580	225,090	234,600
Colorado	35,180	34,390	34,010	37,040	38,580	41,130	40,330	37,590	36,530	37,050
Connecticut	26,020	25,960	25,480	24,070	24,310	23,920	23,620	23,210	23,330	23,480
Delaware	3,440	3,950	4,120	4,810	4,830	5,120	4,670	5,270	4,820	4,910
District of Columbia	10,070	9,760	9,500	8,920	7,840	8,220	8,100	9,140	9,310	9,840
Florida	58,300	61,830	64,510	67,810	70,400	69,040	66,140	63,170	63,350	62,860
Georgia	30,060	30,620	30,320	30,170	33,080	36,020	36,980	36,040	35,020	36,360
Hawaii	4,670	4,770	4,740	5,380	5,020	5,020	4,950	5,150	5,490	5,800
Idaho	8,530	8,830	9,030	9,270	8,360	7,870	7,410	7,490	8,600	8,760
Illinois	58,150	58,180	60,470	57,270	56,380	55,840	56,700	58,000	57,850	61,420
Indiana	30,110	31,160	29,710	28,380	28,110	30,780	29,380	30,150	30,440	32,230
Iowa	NA	9,820	9,990	10,420	10,410	10,270	10,970	11,210	11,930	12,100
Kansas	19,870	19,080	18,680	17,480	16,910	16,930	17,550	14,680	16,190	15,320
Kentucky	13,090	13,230	13,460	12,950	13,520	13,880	14,330	13,530	14,940	14,690
Louisiana	15,940	15,130	14,530	15,250	15,170	18,270	19,750	NA	18,510	19,940
Maine	4,880	4,510	4,480	4,230	4,000	4,480	4,740	4,620	4,680	5,070
Maryland	33,610	36,910	37,040	36,880	38,730	39,390	39,750	39,750	38,890	41,130
Massachusetts	49,430	51,450	51,600	51,750	52,820	54,330	51,070	49,510	49,290	52,610
Michigan	92,190	91,000	91,520	99,680	101,730	92,190	84,280	81,730	86,470	87,980

## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Minnesota	30,650	28,990	29,830	28,280	28,790	29,490	28,200	28,280	30,220	33,210
Mississippi	7,770	8,320	8,280	9,830	9,790	10,160	8,790	NA	8,320	NA
Missouri	20,090	22,700	22,020	22,870	25,880	25,950	24,770	22,910	22,940	23,100
Montana	2,680	2,600	2,620	2,840	3,200	3,570	3,500	3,810	3,680	4,020
Nebraska	5,890	5,690	6,000	5,820	5,840	6,350	6,250	5,940	6,130	6,330
Nevada	6,660	7,380	7,820	7,960	8,100	7,870	7,750	7,840	7,680	7,180
New Hampshire	7,490	8,120	7,810	8,090	8,140	7,870	8,020	8,000	8,500	8,290
New Jersey	37,190	38,540	37,510	38,130	39,960	40,720	38,960	37,870	38,540	39,140
New Mexico	12,710	10,550	10,530	10,870	11,290	11,500	12,360	12,830	12,570	12,350
New York	65,600	65,710	65,290	68,540	69,400	74,570	69,380	65,420	NA	61,980
North Carolina	31,020	31,030	30,340	30,040	32,500	33,400	32,850	32,620	35,420	36,710
North Dakota	2,130	2,100	2,320	2,520	2,500	2,530	2,670	2,950	3,310	3,520
Ohio	61,960	NA	59,820	57,810	57,720	60,120	59,030	56,790	58,100	60,790
Oklahoma	12,830	13,830	14,100	13,840	13,690	14,040	14,000	15,350	16,120	17,740
Oregon	17,970	19,260	17,520	NA	18,870	18,740	18,790	18,320	19,600	21,440
Pennsylvania	NA	NA	59,890	61,620	61,720	63,340	63,790	63,940	67,160	66,970
Rhode Island	5,080	5,470	5,400	5,430	5,240	5,150	5,120	5,230	5,120	5,110
South Carolina	19,960	21,560	21,010	22,460	22,210	22,750	22,310	22,570	24,920	26,470
South Dakota	1,990	2,040	2,090	2,210	NA	2,440	2,470	2,380	2,630	2,770
Tennessee	20,880	22,000	23,110	21,230	21,940	23,130	21,600	25,260	25,340	26,420
Texas	116,160	119,360	120,120	123,990	130,990	146,520	147,410	140,560	142,270	152,120
Utah	12,120	12,050	12,210	13,090	13,810	14,350	14,180	14,430	14,850	15,940
Vermont	3,600	3,730	3,770	3,780	3,670	3,790	3,670	3,700	2,970	3,120
Virginia	46,400	49,810	48,910	50,780	52,570	54,280	NA	53,270	54,030	54,050
Washington	45,460	NA	47,570	49,840	NA	55,490	NA	54,830	53,880	NA
West Virginia	4,890	4,920	4,680	5,230	5,340	5,320	4,970	4,960	5,010	4,990



## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Wisconsin	29,850	29,170	29,490	30,990	31,010	32,010	29,880	28,820	29,550	30,570
Wyoming	2,110	2,300	2,420	2,570	2,840	3,260	3,320	3,140	3,100	3,050
Puerto Rico	7,200	7,370	7,420	8,280	NA	7,990	8,260	7,460	7,360	7,640

NA = not available

*Science and Engineering Indicators 2018*

## State Indicators

### Engineers

State	2013	2014	2015	2016	2017
United States	1,648,180	1,679,210	1,719,940	1,747,760	1,773,550
Alabama	30,360	30,370	31,370	32,050	32,930
Alaska	5,010	5,120	5,270	5,010	5,090
Arizona	33,330	32,510	31,570	32,790	33,620
Arkansas	7,070	7,350	7,100	7,230	8,070
California	237,270	241,200	239,870	232,050	236,100
Colorado	40,350	41,850	45,800	46,290	46,780
Connecticut	24,610	24,080	24,440	24,280	27,340
Delaware	3,850	4,050	3,800	3,800	4,870
District of Columbia	NA	NA	7,640	NA	NA
Florida	59,810	58,590	60,900	63,950	64,730
Georgia	38,550	39,030	44,150	45,990	45,690
Hawaii	5,900	5,710	5,830	6,280	6,060
Idaho	8,440	8,240	8,790	9,500	9,680
Illinois	57,460	57,710	60,440	63,040	62,570
Indiana	35,300	36,840	36,560	34,270	36,400
Iowa	11,730	12,870	12,690	12,220	11,680
Kansas	15,170	14,010	14,220	15,220	15,860
Kentucky	15,480	15,010	15,950	15,590	17,860
Louisiana	20,810	21,700	21,360	19,710	18,970
Maine	5,370	5,340	5,370	5,430	5,590
Maryland	42,130	41,760	42,620	43,560	44,490
Massachusetts	52,300	54,390	55,240	57,510	58,590
Michigan	91,100	97,930	103,160	108,700	114,320

## State Indicators

State	2013	2014	2015	2016	2017
Minnesota	32,450	33,050	33,930	36,070	36,190
Mississippi	7,850	8,590	9,150	8,820	8,960
Missouri	22,900	23,190	24,210	24,890	25,940
Montana	3,920	3,830	4,000	4,010	4,250
Nebraska	6,860	7,050	7,240	7,520	7,450
Nevada	6,420	6,320	6,750	7,290	7,460
New Hampshire	8,390	8,130	8,430	8,830	9,800
New Jersey	39,420	38,260	38,030	38,300	37,210
New Mexico	12,800	12,650	13,810	13,850	13,180
New York	64,420	67,030	70,040	71,600	73,080
North Carolina	36,440	38,830	40,610	44,420	46,480
North Dakota	3,610	3,590	3,670	3,940	3,860
Ohio	62,010	65,270	68,930	71,740	72,170
Oklahoma	17,160	18,270	18,890	17,550	17,150
Oregon	22,680	22,760	25,320	26,420	27,380
Pennsylvania	64,340	NA	NA	NA	NA
Rhode Island	5,230	5,310	5,340	5,490	5,930
South Carolina	26,870	26,260	26,850	27,150	27,270
South Dakota	2,950	3,030	3,240	3,140	3,100
Tennessee	27,730	29,050	28,860	28,430	27,840
Texas	153,970	156,060	157,520	161,680	162,050
Utah	17,600	18,310	17,370	17,770	17,770
Vermont	3,550	3,690	3,470	2,900	2,770
Virginia	53,190	51,990	50,220	50,270	50,560
Washington	NA	55,070	NA	57,410	54,510
West Virginia	4,980	5,220	5,700	5,430	5,170



## State Indicators

State	2013	2014	2015	2016	2017
Wisconsin	32,460	34,710	36,080	36,170	36,610
Wyoming	3,120	3,360	3,390	3,030	2,600
Puerto Rico	8,320	8,690	8,490	9,070	9,040

NA = not available

*Science and Engineering Indicators 2018*

## State Indicators

### All occupations

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	127,420,170	129,146,700	130,307,840	132,604,980	134,354,250	135,185,230	130,647,610	127,097,160	128,278,550	130,287,700
Alabama	1,817,240	1,851,040	1,872,600	1,912,220	1,931,970	1,945,300	1,863,620	1,807,480	1,809,420	1,824,400
Alaska	290,740	295,810	300,150	303,890	301,920	307,790	308,140	308,050	313,170	318,700
Arizona	2,275,410	2,370,810	2,437,100	2,574,150	2,648,000	2,637,830	2,479,120	2,367,120	2,380,200	2,414,340
Arkansas	1,118,690	1,133,800	1,142,370	1,166,840	1,172,760	1,176,050	1,147,660	1,135,560	1,139,670	1,155,020
California	14,460,860	14,598,250	14,723,900	15,065,750	15,202,530	15,212,610	14,532,640	14,001,730	14,038,950	14,303,630
Colorado	2,097,650	2,130,430	2,151,520	2,207,120	2,258,240	2,302,340	2,234,250	2,157,690	2,179,060	2,226,160
Connecticut	1,631,610	1,640,840	1,648,070	1,658,980	1,682,220	1,697,810	1,648,950	1,598,640	1,608,820	1,620,620
Delaware	403,650	413,940	417,550	424,270	425,960	425,210	412,570	397,730	403,430	405,750
District of Columbia	595,220	609,770	611,190	609,400	620,970	635,500	637,180	639,390	644,730	653,760
Florida	7,217,400	7,479,050	7,614,840	7,869,210	7,963,010	7,771,740	7,355,940	7,103,950	7,151,700	7,273,850
Georgia	3,770,430	3,848,740	3,904,020	4,001,580	4,058,370	4,068,270	3,889,160	3,744,740	3,779,250	3,815,530
Hawaii	557,400	573,890	583,630	599,130	610,310	612,420	587,810	571,630	577,220	588,210
Idaho	563,200	584,580	597,490	624,320	641,960	650,240	614,520	594,750	592,730	598,540
Illinois	5,719,150	5,739,250	5,767,100	5,826,660	5,894,670	5,910,630	5,704,240	5,528,420	5,574,180	5,640,740
Indiana	2,851,210	2,879,070	2,891,360	2,913,200	2,928,780	2,927,620	2,787,780	2,724,850	2,758,100	2,811,920
Iowa	1,413,220	1,433,570	1,446,550	1,470,240	1,488,360	1,502,600	1,471,130	1,438,510	1,449,110	1,470,740
Kansas	1,292,170	1,311,390	1,315,640	1,321,180	1,347,670	1,374,560	1,348,710	1,304,780	1,308,070	1,320,920
Kentucky	1,719,620	1,736,230	1,754,590	1,779,830	1,801,800	1,817,860	1,748,610	1,716,060	1,732,870	1,764,750
Louisiana	1,851,870	1,865,300	1,877,160	1,776,990	1,847,230	1,887,370	1,871,950	1,832,830	1,839,780	1,868,210
Maine	591,750	598,350	597,260	596,910	600,020	604,150	589,090	577,410	575,640	581,110
Maryland	2,448,580	2,477,280	2,497,220	2,531,180	2,551,910	2,561,530	2,503,410	2,462,470	2,480,670	2,510,680
Massachusetts	3,130,720	3,129,090	3,144,540	3,170,490	3,207,840	3,234,860	3,169,010	3,119,100	3,157,020	3,202,080
Michigan	4,310,420	4,324,840	4,334,870	4,294,260	4,210,550	4,142,750	3,893,900	3,755,890	3,829,000	3,918,120

## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Minnesota	2,591,720	2,625,060	2,635,370	2,682,940	2,687,740	2,704,860	2,627,640	2,562,450	2,595,450	2,641,110
Mississippi	1,089,350	1,101,680	1,108,540	1,113,000	1,128,980	1,138,210	1,096,890	1,070,820	1,073,100	1,080,420
Missouri	2,623,020	2,646,990	2,663,880	2,700,450	2,732,920	2,740,170	2,668,450	2,588,450	2,591,020	2,605,910
Montana	394,820	408,730	414,650	427,130	435,480	444,090	432,240	424,300	425,110	432,380
Nebraska	879,550	887,200	895,470	901,120	914,670	928,120	916,770	901,690	904,630	914,830
Nevada	1,086,110	1,154,440	1,191,640	1,257,860	1,285,470	1,278,230	1,179,860	1,113,530	1,112,780	1,127,160
New Hampshire	607,570	618,310	621,560	627,570	632,590	634,570	619,390	603,420	606,690	612,710
New Jersey	3,878,020	3,901,020	3,917,310	3,957,500	3,980,080	3,986,310	3,850,770	3,770,550	3,771,250	3,793,720
New Mexico	747,050	754,990	763,430	789,360	798,640	819,480	800,390	777,560	777,640	773,860
New York	8,236,200	8,299,910	8,333,460	8,387,750	8,515,960	8,633,580	8,487,020	8,344,020	8,427,560	8,542,280
North Carolina	3,702,170	3,770,700	3,809,690	3,892,670	4,013,460	4,063,420	3,896,750	3,772,780	3,814,860	3,878,800
North Dakota	314,620	324,430	328,520	335,740	341,970	350,360	353,630	355,710	371,630	403,290
Ohio	5,308,270	5,324,700	5,340,280	5,354,170	5,341,360	5,323,130	5,091,490	4,921,690	4,977,910	5,054,250
Oklahoma	1,416,640	1,436,380	1,455,940	1,503,430	1,528,890	1,557,750	1,525,330	1,483,760	1,498,260	1,529,900
Oregon	1,537,000	1,576,890	1,598,780	1,648,680	1,682,150	1,706,740	1,624,490	1,569,700	1,586,620	1,609,900
Pennsylvania	5,494,430	5,535,000	5,569,310	5,631,520	5,663,070	5,705,170	5,572,660	5,483,220	5,549,240	5,596,480
Rhode Island	477,320	480,290	479,810	482,550	485,870	478,420	458,760	448,150	450,980	453,020
South Carolina	1,764,170	1,792,190	1,802,740	1,840,190	1,877,950	1,892,690	1,802,900	1,746,820	1,772,880	1,796,550
South Dakota	364,970	371,010	373,500	381,230	389,400	395,960	392,890	387,590	392,670	398,680
Tennessee	2,614,830	2,665,060	2,686,580	2,718,410	2,739,230	2,755,800	2,625,140	2,569,420	2,602,320	2,657,280
Texas	9,248,660	9,306,600	9,424,510	9,760,960	10,061,750	10,391,420	10,289,240	10,089,870	10,304,370	10,579,400
Utah	1,043,500	1,077,210	1,099,230	1,151,020	1,206,180	1,230,320	1,185,770	1,148,520	1,165,980	1,200,850
Vermont	291,400	296,260	297,650	299,610	301,140	301,130	294,120	286,990	290,830	294,090
Virginia	3,412,070	3,494,250	3,535,500	3,608,430	3,645,330	3,670,980	3,589,520	3,527,350	3,553,360	3,597,100
Washington	2,560,190	2,614,640	2,653,320	2,736,910	2,811,700	2,868,910	2,789,670	2,693,220	2,720,660	2,764,080
West Virginia	680,200	692,840	697,390	710,560	713,230	717,740	704,310	688,170	700,250	710,540





## State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Wisconsin	2,687,400	2,717,970	2,727,430	2,744,210	2,768,830	2,776,690	2,689,710	2,608,740	2,645,180	2,673,280
Wyoming	240,730	246,670	251,590	262,260	273,170	283,980	282,450	269,910	272,570	278,040
Puerto Rico	962,000	1,022,610	1,026,290	1,031,650	NA	999,010	962,030	950,570	930,940	942,080
NA = not available										
<i>Science and Engineering Indicators 2018</i>										

## State Indicators

### All occupations

State	2013	2014	2015	2016	2017
United States	132,588,810	135,128,260	137,896,660	140,400,040	142,549,250
Alabama	1,844,080	1,857,530	1,883,310	1,912,990	1,922,570
Alaska	322,660	324,970	327,250	323,500	318,170
Arizona	2,475,660	2,526,990	2,587,070	2,652,990	2,704,050
Arkansas	1,152,600	1,158,790	1,176,130	1,191,320	1,200,130
California	14,714,530	15,119,730	15,496,600	15,966,580	16,695,010
Colorado	2,295,000	2,367,780	2,451,490	2,507,680	2,555,300
Connecticut	1,635,590	1,646,510	1,659,430	1,666,280	1,654,420
Delaware	412,140	424,330	433,840	440,760	442,690
District of Columbia	665,850	674,650	676,060	702,380	708,220
Florida	7,453,230	7,665,280	7,925,300	8,222,030	8,419,030
Georgia	3,879,660	3,983,250	4,107,960	4,214,410	4,303,530
Hawaii	602,200	612,580	619,960	632,120	632,990
Idaho	613,000	628,140	642,700	663,490	685,630
Illinois	5,704,700	5,765,880	5,852,710	5,903,820	5,927,860
Indiana	2,854,250	2,905,170	2,947,380	2,991,260	3,018,490
Iowa	1,491,600	1,512,740	1,526,950	1,534,910	1,535,460
Kansas	1,336,460	1,359,500	1,371,630	1,374,180	1,369,110
Kentucky	1,782,820	1,808,010	1,838,220	1,869,650	1,876,430
Louisiana	1,885,310	1,915,800	1,939,300	1,922,170	1,902,060
Maine	582,430	586,390	591,520	596,390	599,180
Maryland	2,534,480	2,557,510	2,596,630	2,640,900	2,664,330
Massachusetts	3,257,870	3,322,500	3,396,840	3,459,910	3,528,070
Michigan	3,998,790	4,073,730	4,146,600	4,212,090	4,276,040

## State Indicators

State	2013	2014	2015	2016	2017
Minnesota	2,688,580	2,730,020	2,772,240	2,810,400	2,838,270
Mississippi	1,083,560	1,094,070	1,106,550	1,117,280	1,119,470
Missouri	2,639,120	2,673,640	2,712,240	2,757,850	2,788,680
Montana	439,110	443,330	447,180	454,740	460,740
Nebraska	927,150	942,950	953,710	968,000	970,230
Nevada	1,151,970	1,189,610	1,232,800	1,270,930	1,310,220
New Hampshire	620,190	627,000	635,360	645,050	649,950
New Jersey	3,821,070	3,869,260	3,906,800	3,955,350	4,007,470
New Mexico	783,980	788,000	798,150	805,440	801,080
New York	8,635,400	8,810,950	8,984,890	9,097,650	9,207,870
North Carolina	3,947,030	4,030,880	4,125,070	4,231,020	4,298,390
North Dakota	422,930	440,420	447,820	425,200	416,670
Ohio	5,125,850	5,200,880	5,280,850	5,337,890	5,370,640
Oklahoma	1,558,860	1,577,330	1,597,130	1,586,890	1,573,000
Oregon	1,640,300	1,683,470	1,735,220	1,790,940	1,830,790
Pennsylvania	5,616,820	5,653,840	5,709,480	5,747,020	5,781,610
Rhode Island	456,100	463,930	471,290	475,190	475,910
South Carolina	1,826,120	1,876,480	1,928,140	1,979,820	2,009,460
South Dakota	402,990	409,250	413,260	417,520	419,470
Tennessee	2,700,050	2,749,480	2,814,230	2,893,040	2,915,750
Texas	10,913,950	11,228,940	11,572,540	11,745,250	11,890,880
Utah	1,242,690	1,280,660	1,324,460	1,374,900	1,410,670
Vermont	298,290	301,050	303,550	304,670	305,110
Virginia	3,631,440	3,648,490	3,682,450	3,760,550	3,789,910
Washington	2,827,200	2,898,350	2,983,930	3,067,110	3,186,610
West Virginia	709,430	707,720	707,000	697,440	688,530



## State Indicators

State	2013	2014	2015	2016	2017
Wisconsin	2,704,840	2,727,860	2,771,600	2,805,010	2,825,170
Wyoming	278,910	282,690	283,830	276,120	267,980
Puerto Rico	927,460	902,930	890,760	883,360	875,780

*Science and Engineering Indicators 2018*