State Indicators

S-32 Individuals in Science and Engineering Occupations as a Percentage of All Occupations

Description

This indicator represents the extent to which a state's workforce is employed in S&E occupations. A high value indicates that a state's economy has a high concentration of scientific and technical jobs relative to its total workforce. Policymakers and scholars consistently emphasize innovation based on S&E research and development as a vehicle for economic growth and competitiveness. In the increasingly interconnected 21st-century world, workers with S&E expertise are integral to a nation's innovative capacity because of their high skill level, their creative ideas, and their ability not only to advance basic scientific knowledge but also to transform advances in fundamental knowledge into tangible and useful products and services.

U.S. federal occupation data classify workers by the activities or tasks they primarily perform in their jobs. This information is used to classify jobs into standard occupational categories based on the Standard Occupational Classification (SOC) system. S&E occupations are defined by SOC. They include engineers; computer, mathematical, life, physical, and social scientists; and postsecondary teachers in these fields. S&E managers, technicians, elementary and secondary schoolteachers, and medical personnel are not included.

Data on individuals in S&E occupations and all 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.

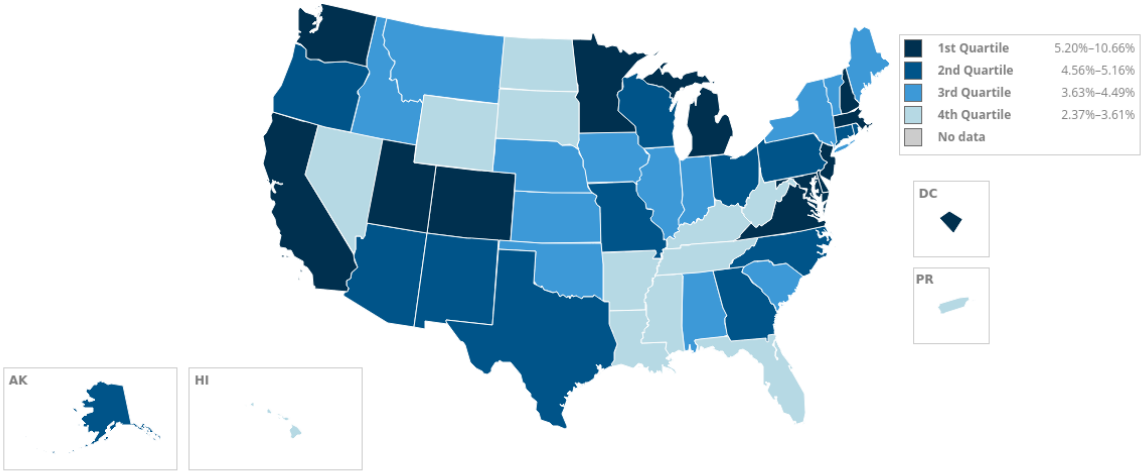
Estimates for states with smaller populations are generally less precise than estimates for states with larger populations.

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

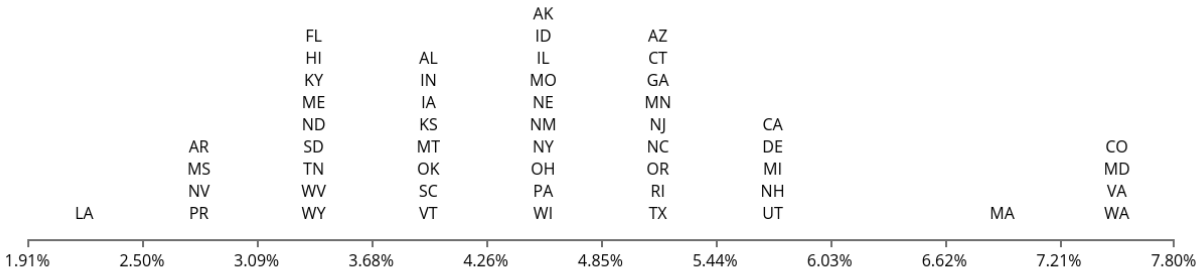
State Indicators

S-32 Individuals in Science and Engineering Occupations as a Percentage of All Occupations

2019



Distribution of states across indicator values, 2019



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

Individuals in Science and Engineering Occupations as a Percentage of All Occupations

(Percent)

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	3.89	4.01	4.02	4.08	4.16	4.28	4.43	4.37	4.52	4.58
Alabama	3.10	3.23	3.35	3.46	3.61	3.53	3.68	3.79	3.88	3.99
Alaska	3.65	3.67	3.74	3.53	3.97	4.31	4.80	5.01	5.01	5.10
Arizona	4.05	4.15	3.96	3.81	3.87	3.87	4.15	4.35	4.85	4.84
Arkansas	1.91	2.13	2.16	2.13	2.43	2.49	2.74	2.57	2.58	2.56
California	4.68	4.82	4.87	NA	4.96	5.20	5.47	5.42	5.70	5.75
Colorado	5.92	5.89	5.86	6.06	6.15	6.38	6.63	6.64	6.64	6.69
Connecticut	4.99	5.11	5.09	4.78	4.77	4.73	4.80	4.69	4.76	4.84
Delaware	4.30	4.45	4.31	5.08	5.20	5.25	5.38	5.26	5.56	5.78
District of Columbia	9.22	10.08	10.37	10.52	10.17	9.97	9.64	9.36	9.72	9.73
Florida	3.06	3.14	3.16	3.13	3.07	3.19	3.36	3.37	3.43	3.41
Georgia	3.82	3.62	3.52	3.41	3.37	3.62	NA	3.88	3.91	3.90
Hawaii	2.89	3.07	2.99	3.16	3.07	3.07	3.24	3.41	3.48	3.56
Idaho	3.93	3.94	4.00	NA	3.79	3.58	3.83	4.06	4.38	4.22
Illinois	3.69	3.82	3.84	3.82	3.82	3.80	3.88	3.57	3.67	3.90
Indiana	2.75	2.81	2.76	2.75	2.84	3.10	3.26	3.33	3.40	3.36
Iowa	2.64	2.79	2.79	2.97	3.05	3.07	3.20	3.07	3.38	3.46
Kansas	4.02	4.01	3.92	3.68	3.71	3.95	4.17	3.75	3.94	3.86
Kentucky	2.63	2.52	2.54	2.51	2.72	NA	2.93	2.84	3.00	2.94
Louisiana	2.26	2.28	2.19	2.26	2.08	2.21	2.33	2.41	2.32	2.46
Maine	2.54	2.50	2.60	2.67	2.66	2.81	3.04	3.03	3.04	3.08
Maryland	6.10	6.39	6.41	6.30	6.37	6.52	6.77	6.77	6.97	7.15
Massachusetts	5.90	6.10	6.14	6.27	6.41	6.72	6.87	6.67	6.99	7.16

State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Michigan	4.24	4.36	4.43	4.86	5.04	4.93	4.82	4.70	4.92	5.07
Minnesota	4.52	4.52	4.59	4.69	4.83	4.97	5.10	4.88	5.02	4.99
Mississippi	2.04	2.08	2.12	2.24	2.26	2.40	2.36	2.22	2.18	2.19
Missouri	3.21	3.47	3.46	3.57	3.74	3.85	3.91	3.95	4.13	4.21
Montana	2.90	2.85	2.88	3.05	3.04	NA	3.29	3.45	3.52	3.55
Nebraska	3.49	3.58	3.52	3.61	3.44	3.43	3.47	3.43	3.74	3.80
Nevada	2.06	2.12	2.05	2.14	2.09	2.14	2.34	2.41	2.55	2.40
New Hampshire	3.86	4.14	4.32	4.41	4.50	4.59	4.93	4.84	4.82	4.72
New Jersey	4.16	4.41	4.45	4.46	4.68	4.97	5.08	4.92	4.83	4.78
New Mexico	4.50	4.24	4.26	3.90	4.19	4.22	4.62	4.65	4.57	4.56
New York	3.31	3.41	3.47	3.66	3.79	3.78	3.72	NA	3.68	3.76
North Carolina	3.58	3.62	3.52	3.57	3.56	3.78	4.08	4.11	4.24	4.33
North Dakota	2.68	2.61	2.76	2.79	2.82	2.70	2.81	3.11	3.25	3.25
Ohio	3.34	3.40	3.39	3.46	3.68	3.88	4.08	3.98	4.18	NA
Oklahoma	3.13	3.22	3.18	3.38	3.36	3.14	3.00	2.98	3.14	3.30
Oregon	3.98	4.11	3.88	3.91	4.04	4.11	4.29	NA	NA	4.71
Pennsylvania	3.38	3.53	3.67	3.82	3.87	3.98	NA	NA	NA	NA
Rhode Island	3.93	4.02	3.77	3.74	3.79	3.78	3.95	4.06	4.31	4.45
South Carolina	2.76	2.84	2.80	2.89	2.88	3.05	3.18	3.22	3.44	3.52
South Dakota	2.51	2.57	2.53	2.65	2.97	3.00	2.94	2.88	3.00	3.01
Tennessee	2.44	2.47	2.47	2.47	2.59	2.64	2.63	2.80	2.98	3.00
Texas	3.95	4.13	4.13	4.19	4.39	4.46	4.57	4.47	4.55	4.67
Utah	4.37	4.20	4.10	4.32	4.26	4.27	4.32	4.43	4.40	4.56
Vermont	3.92	4.22	4.29	4.27	4.24	4.10	4.35	4.41	4.50	4.38
Virginia	6.13	6.68	6.69	6.98	6.99	7.06	7.36	7.25	7.53	7.63
Washington	5.87	6.00	6.07	6.28	6.54	NA	7.06	6.91	7.23	NA

State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
West Virginia	2.38	2.31	2.30	2.41	2.32	2.37	2.32	2.48	2.61	2.80
Wisconsin	3.47	3.45	3.43	3.53	3.59	3.66	3.75	3.80	3.87	3.85
Wyoming	2.55	2.82	2.92	2.91	2.97	3.12	3.16	3.06	3.10	3.13
Puerto Rico	2.07	2.01	2.04	2.31	NA	2.30	2.37	2.19	2.25	2.31

NA = not available

Note(s):
Occupational Employment Statistics (OES) estimates for 2004 and earlier are based on November data; estimates for the remaining years are based on May data. The total for the United States includes states with suppressed data and does not include territories.

Source(s):
Bureau of Labor Statistics, special tabulations of the Occupational Employment Statistics Survey (various years), data as of May 2020.

Recommended Citation: National Science Board. “Individuals in Science and Engineering Occupations as a Percentage of All Occupations.” Science and Engineering Indicators: State Indicators. Alexandria, VA: National Science Foundation. https://ncses.nsf.gov/indicators/states/indicator/se-occupations-to-all-occupations. Accessed on [date of user access].

Last updated: November 30, 2020

Science and Engineering Indicators

State Indicators

Individuals in Science and Engineering Occupations as a Percentage of All Occupations

(Percent)

State	2013	2014	2015	2016	2017	2018	2019
United States	4.63	4.68	4.74	4.81	4.83	4.89	4.98
Alabama	4.16	4.01	3.89	3.79	3.82	NA	4.14
Alaska	4.71	4.59	4.57	4.43	4.65	4.59	4.59
Arizona	4.98	5.06	5.17	5.22	5.19	NA	5.11
Arkansas	2.66	2.77	2.84	2.79	2.97	2.93	2.97
California	5.77	5.83	NA	5.84	5.67	5.82	5.89
Colorado	6.71	6.79	6.83	6.99	7.07	7.14	7.26
Connecticut	4.82	4.80	4.79	4.82	5.01	5.07	5.16
Delaware	5.35	5.38	5.24	5.47	5.98	5.82	5.45
District of Columbia	9.81	10.20	10.34	10.75	10.80	10.39	10.66
Florida	3.36	3.36	3.43	3.45	3.49	3.54	3.61
Georgia	4.15	4.27	NA	4.66	4.66	4.79	4.91
Hawaii	3.51	3.41	3.40	3.44	3.41	3.33	3.47
Idaho	4.22	4.21	4.41	4.38	4.27	4.28	4.38
Illinois	3.98	4.08	4.19	4.41	4.37	4.41	4.49
Indiana	3.53	3.58	3.54	3.55	3.61	NA	3.84
Iowa	3.52	3.53	3.46	3.49	3.59	3.77	3.97
Kansas	3.83	3.69	3.91	4.16	4.25	4.20	4.26
Kentucky	3.02	3.01	3.06	2.96	3.05	3.13	3.22
Louisiana	2.48	2.56	2.50	2.43	2.37	2.42	2.37
Maine	3.23	3.31	3.37	3.45	3.43	3.57	3.63
Maryland	7.37	7.43	7.46	7.57	7.56	7.69	7.80
Massachusetts	6.99	6.94	6.82	7.02	6.98	6.98	7.09

State Indicators

State	2013	2014	2015	2016	2017	2018	2019
Michigan	5.20	5.39	5.50	5.65	5.81	5.88	5.83
Minnesota	4.97	5.14	5.18	5.31	5.29	5.39	5.39
Mississippi	2.24	2.27	2.30	2.26	2.33	2.34	2.56
Missouri	4.01	4.00	4.06	4.23	4.28	4.48	4.58
Montana	3.55	3.51	3.65	3.48	3.70	3.85	3.88
Nebraska	3.93	3.84	3.98	4.11	4.32	4.31	4.38
Nevada	2.33	2.26	2.29	2.32	2.41	2.43	2.53
New Hampshire	4.59	4.52	4.61	4.71	4.95	5.33	5.49
New Jersey	4.83	4.87	4.95	5.16	5.07	5.22	5.20
New Mexico	4.45	4.59	4.70	4.77	4.62	4.51	4.56
New York	3.86	3.96	4.11	4.16	4.26	4.28	4.29
North Carolina	4.41	4.49	4.54	4.71	4.82	4.86	5.04
North Dakota	2.96	2.94	2.89	3.30	3.36	3.54	3.31
Ohio	4.25	4.23	4.42	4.49	4.64	4.65	4.70
Oklahoma	3.33	3.35	3.45	3.43	3.53	3.51	3.72
Oregon	4.82	4.78	4.98	4.97	5.07	5.02	5.13
Pennsylvania	4.34	4.40	4.47	4.56	4.62	NA	4.67
Rhode Island	4.55	4.57	4.57	4.63	4.83	4.84	5.12
South Carolina	3.57	3.59	3.55	3.60	3.63	3.67	3.77
South Dakota	3.17	3.23	3.36	3.39	3.40	3.50	3.61
Tennessee	NA	3.15	3.16	3.12	3.20	3.25	3.28
Texas	4.71	4.82	4.87	4.82	4.77	4.80	4.91
Utah	4.67	4.90	4.88	4.99	5.20	NA	5.63
Vermont	4.33	4.41	4.52	4.39	4.31	4.22	4.10
Virginia	7.61	7.47	7.36	7.32	7.46	7.55	7.69
Washington	7.42	7.20	7.34	7.43	7.38	7.45	7.77

State Indicators

State	2013	2014	2015	2016	2017	2018	2019
West Virginia	2.75	2.84	2.90	2.94	3.03	3.13	3.24
Wisconsin	3.93	4.13	4.25	4.42	4.45	4.53	4.75
Wyoming	NA	3.20	3.16	3.06	2.97	3.13	3.30
Puerto Rico	2.46	2.58	2.57	2.74	2.81	2.96	3.05

NA = not available

Note(s):
Occupational Employment Statistics (OES) estimates for 2004 and earlier are based on November data; estimates for the remaining years are based on May data. The total for the United States includes states with suppressed data and does not include territories.

Source(s):
Bureau of Labor Statistics, special tabulations of the Occupational Employment Statistics Survey (various years), data as of May 2020.

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Science and Engineering Indicators

State Indicators

Individuals in S&E occupations

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	4,961,540	5,174,260	5,233,520	5,407,710	5,591,990	5,781,460	5,785,710	5,549,980	5,794,980	5,968,240
Alabama	56,380	59,880	62,790	66,100	69,650	68,580	68,670	68,450	70,290	72,880
Alaska	10,600	10,870	11,230	10,720	11,990	13,260	14,780	15,430	15,680	16,260
Arizona	92,120	98,400	96,410	98,110	102,380	102,100	102,820	102,870	115,330	116,930
Arkansas	21,340	24,170	24,660	24,860	28,460	29,310	31,420	29,200	29,350	29,530
California	676,180	703,250	716,530	NA	753,570	791,750	795,240	758,830	800,430	821,780
Colorado	124,140	125,510	126,110	133,730	138,990	147,000	148,090	143,210	144,750	149,020
Connecticut	81,380	83,840	83,930	79,380	80,280	80,290	79,160	74,990	76,550	78,450
Delaware	17,370	18,420	18,010	21,550	22,140	22,330	22,200	20,920	22,430	23,440
District of Columbia	54,890	61,460	63,410	64,120	63,150	63,360	61,430	59,870	62,660	63,600
Florida	221,070	235,170	241,000	246,190	244,140	248,200	247,070	239,600	244,970	248,300
Georgia	144,170	139,230	137,580	136,470	136,880	147,380	NA	145,220	147,820	148,830
Hawaii	16,090	17,630	17,460	18,940	18,740	18,830	19,020	19,500	20,100	20,930
Idaho	22,150	23,050	23,880	NA	24,330	23,310	23,520	24,130	25,950	25,260
Illinois	211,230	219,040	221,630	222,470	225,180	224,370	221,170	197,120	204,420	220,170
Indiana	78,410	80,950	79,910	80,110	83,080	90,840	90,750	90,710	93,640	94,620
Iowa	37,320	40,060	40,300	43,670	45,430	46,180	47,080	44,140	48,930	50,950
Kansas	51,970	52,650	51,630	48,620	50,040	54,260	56,200	48,970	51,530	50,930
Kentucky	45,230	43,740	44,530	44,680	49,030	NA	51,200	48,790	51,990	51,830
Louisiana	41,900	42,520	41,030	40,180	38,450	41,790	43,630	44,200	42,760	45,920
Maine	15,020	14,980	15,500	15,950	15,960	17,000	17,910	17,470	17,490	17,910
Maryland	149,250	158,350	160,120	159,470	162,540	167,070	169,540	166,700	173,020	179,550
Massachusetts	184,690	190,960	193,180	198,670	205,610	217,310	217,690	208,160	220,670	229,160
Michigan	182,940	188,580	192,150	208,520	212,040	204,290	187,760	176,570	188,380	198,610

State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Minnesota	117,120	118,590	120,930	125,930	129,840	134,440	134,060	125,100	130,340	131,690
Mississippi	22,190	22,970	23,480	24,910	25,520	27,270	25,940	23,770	23,440	23,640
Missouri	84,150	91,820	92,260	96,420	102,170	105,390	104,310	102,300	106,930	109,650
Montana	11,450	11,640	11,940	13,010	13,240	NA	14,210	14,620	14,960	15,360
Nebraska	30,710	31,760	31,530	32,500	31,420	31,820	31,790	30,930	33,800	34,720
Nevada	22,330	24,440	24,400	26,930	26,920	27,300	27,560	26,840	28,370	27,000
New Hampshire	23,430	25,620	26,840	27,680	28,450	29,150	30,550	29,200	29,260	28,950
New Jersey	161,420	171,990	174,270	176,460	186,120	198,060	195,690	185,360	182,210	181,480
New Mexico	33,600	32,000	32,530	30,800	33,440	34,560	36,950	36,130	35,520	35,310
New York	272,440	283,150	289,010	306,810	322,520	326,510	315,480	NA	310,510	321,480
North Carolina	132,440	136,430	134,290	138,790	142,970	153,680	158,920	155,030	161,880	167,900
North Dakota	8,430	8,460	9,070	9,360	9,660	9,450	9,930	11,050	12,070	13,120
Ohio	177,100	181,180	180,900	185,190	196,390	206,320	207,930	195,840	208,140	NA
Oklahoma	44,360	46,320	46,370	50,770	51,430	48,900	45,730	44,190	47,090	50,420
Oregon	61,230	64,820	62,030	64,520	67,890	70,070	69,630	NA	NA	75,780
Pennsylvania	185,560	195,510	204,270	214,910	218,890	227,170	NA	NA	NA	NA
Rhode Island	18,740	19,330	18,080	18,060	18,400	18,090	18,120	18,210	19,450	20,180
South Carolina	48,740	50,840	50,460	53,230	54,120	57,770	57,370	56,230	61,020	63,170
South Dakota	9,150	9,530	9,460	10,120	11,550	11,870	11,570	11,150	11,790	12,000
Tennessee	63,680	65,730	66,390	67,040	70,820	72,760	68,970	71,850	77,630	79,830
Texas	365,270	384,600	389,550	408,710	441,410	463,850	470,010	451,390	469,080	493,980
Utah	45,570	45,250	45,110	49,690	51,340	52,570	51,270	50,830	51,350	54,720
Vermont	11,420	12,510	12,770	12,780	12,760	12,360	12,780	12,670	13,100	12,870
Virginia	209,280	233,590	236,650	251,720	254,710	259,280	264,090	255,800	267,620	274,280
Washington	150,230	156,780	160,960	171,780	183,900	NA	196,850	186,210	196,760	NA
West Virginia	16,220	15,990	16,040	17,150	16,560	17,000	16,350	17,070	18,300	19,900

State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Wisconsin	93,320	93,760	93,590	96,860	99,380	101,680	100,850	99,240	102,320	103,030
Wyoming	6,130	6,960	7,350	7,640	8,110	8,850	8,920	8,260	8,440	8,710
Puerto Rico	19,940	20,600	20,950	23,850	23,630	22,970	22,760	20,850	20,990	21,750

NA = not available

Science and Engineering Indicators

State Indicators

Individuals in S&E occupations

State	2013	2014	2015	2016	2017	2018	2019
United States	6,139,220	6,318,580	6,536,860	6,746,600	6,889,020	7,083,690	7,317,290
Alabama	76,650	74,480	73,190	72,480	73,410	NA	81,730
Alaska	15,210	14,920	14,970	14,340	14,810	14,480	14,550
Arizona	123,410	127,760	133,650	138,560	140,300	NA	146,410
Arkansas	30,660	32,050	33,350	33,180	35,690	35,500	36,180
California	849,510	880,850	NA	932,020	946,680	989,560	1,023,530
Colorado	154,020	160,700	167,400	175,370	180,660	187,050	194,490
Connecticut	78,850	79,000	79,490	80,330	82,960	84,100	85,950
Delaware	22,030	22,830	22,750	24,120	26,470	26,120	24,650
District of Columbia	65,300	68,820	69,880	75,520	76,500	74,030	77,110
Florida	250,330	257,450	271,840	284,030	293,850	304,650	317,650
Georgia	160,820	169,940	NA	196,370	200,620	210,710	219,770
Hawaii	21,140	20,900	21,060	21,760	21,590	21,400	22,040
Idaho	25,850	26,460	28,320	29,050	29,250	30,230	31,840
Illinois	226,850	235,380	245,330	260,160	258,920	263,930	270,460
Indiana	100,870	104,000	104,290	106,230	108,850	NA	118,010
Iowa	52,440	53,440	52,790	53,580	55,050	58,180	61,540
Kansas	51,240	50,120	53,660	57,150	58,140	57,720	59,290
Kentucky	53,920	54,350	56,190	55,340	57,210	59,080	61,030
Louisiana	46,750	49,120	48,440	46,770	45,020	46,240	45,540
Maine	18,840	19,410	19,960	20,580	20,550	21,630	22,180
Maryland	186,780	190,080	193,810	199,860	201,310	206,360	210,700
Massachusetts	227,780	230,480	231,640	242,960	246,110	249,400	256,800
Michigan	207,800	219,630	228,140	238,120	248,460	253,850	253,380

State Indicators

State	2013	2014	2015	2016	2017	2018	2019
Minnesota	133,580	140,190	143,620	149,360	150,210	154,630	155,230
Mississippi	24,320	24,860	25,440	25,280	26,050	26,270	28,890
Missouri	105,730	106,980	110,220	116,670	119,440	125,620	129,050
Montana	15,570	15,540	16,320	15,840	17,070	17,830	18,170
Nebraska	36,480	36,220	37,950	39,780	41,890	42,200	43,000
Nevada	26,850	26,890	28,200	29,460	31,520	32,690	35,180
New Hampshire	28,460	28,320	29,290	30,400	32,170	34,780	36,280
New Jersey	184,720	188,240	193,440	204,000	203,270	211,240	212,670
New Mexico	34,900	36,180	37,510	38,420	37,020	36,630	37,550
New York	333,710	348,740	368,920	378,600	392,570	401,580	408,360
North Carolina	173,960	181,030	187,210	199,300	207,220	213,120	225,140
North Dakota	12,520	12,970	12,960	14,020	14,010	14,750	13,990
Ohio	218,030	219,830	233,570	239,800	249,180	251,630	255,870
Oklahoma	51,900	52,910	55,170	54,380	55,460	55,920	60,210
Oregon	79,040	80,470	86,350	89,080	92,790	94,630	97,730
Pennsylvania	243,850	248,750	255,170	262,280	267,350	NA	275,350
Rhode Island	20,740	21,210	21,550	22,000	23,010	23,310	24,740
South Carolina	65,140	67,300	68,380	71,190	72,970	75,750	79,510
South Dakota	12,770	13,220	13,870	14,160	14,260	14,790	15,330
Tennessee	NA	86,680	88,820	90,240	93,320	96,060	98,650
Texas	514,400	541,060	563,410	566,230	567,040	581,440	610,010
Utah	57,980	62,810	64,670	68,630	73,320	NA	84,710
Vermont	12,920	13,280	13,710	13,390	13,160	12,890	12,560
Virginia	276,230	272,410	270,990	275,350	282,830	289,420	298,440
Washington	209,710	208,630	219,130	227,910	235,070	242,680	257,820
West Virginia	19,490	20,110	20,490	20,510	20,830	21,770	22,720

State Indicators

State	2013	2014	2015	2016	2017	2018	2019
Wisconsin	106,210	112,540	117,720	124,000	125,610	129,060	136,260
Wyoming	NA	9,050	8,980	8,460	7,960	8,440	9,010
Puerto Rico	22,790	23,320	22,930	24,190	24,610	25,040	26,410

NA = not available

Science and Engineering Indicators

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

Science and Engineering Indicators

State Indicators

All occupations

State	2013	2014	2015	2016	2017	2018	2019
United States	132,588,810	135,128,260	137,896,660	140,400,040	142,549,250	144,733,270	146,875,480
Alabama	1,844,080	1,857,530	1,883,310	1,912,990	1,922,570	1,943,760	1,974,170
Alaska	322,660	324,970	327,250	323,500	318,170	315,250	317,090
Arizona	2,475,660	2,526,990	2,587,070	2,652,990	2,704,050	2,789,520	2,866,820
Arkansas	1,152,600	1,158,790	1,176,130	1,191,320	1,200,130	1,210,120	1,217,420
California	14,714,530	15,119,730	15,496,600	15,966,580	16,695,010	17,007,690	17,382,400
Colorado	2,295,000	2,367,780	2,451,490	2,507,680	2,555,300	2,620,640	2,678,490
Connecticut	1,635,590	1,646,510	1,659,430	1,666,280	1,654,420	1,660,200	1,665,100
Delaware	412,140	424,330	433,840	440,760	442,690	448,510	451,900
District of Columbia	665,850	674,650	676,060	702,380	708,220	712,370	723,510
Florida	7,453,230	7,665,280	7,925,300	8,222,030	8,419,030	8,608,660	8,794,050
Georgia	3,879,660	3,983,250	4,107,960	4,214,410	4,303,530	4,394,740	4,471,860
Hawaii	602,200	612,580	619,960	632,120	632,990	641,790	635,500
Idaho	613,000	628,140	642,700	663,490	685,630	706,140	727,160
Illinois	5,704,700	5,765,880	5,852,710	5,903,820	5,927,860	5,991,270	6,025,790
Indiana	2,854,250	2,905,170	2,947,380	2,991,260	3,018,490	3,048,100	3,073,680
Iowa	1,491,600	1,512,740	1,526,950	1,534,910	1,535,460	1,541,700	1,549,460
Kansas	1,336,460	1,359,500	1,371,630	1,374,180	1,369,110	1,375,380	1,392,480
Kentucky	1,782,820	1,808,010	1,838,220	1,869,650	1,876,430	1,889,870	1,896,900
Louisiana	1,885,310	1,915,800	1,939,300	1,922,170	1,902,060	1,913,770	1,921,950
Maine	582,430	586,390	591,520	596,390	599,180	605,550	611,170
Maryland	2,534,480	2,557,510	2,596,630	2,640,900	2,664,330	2,684,010	2,701,010
Massachusetts	3,257,870	3,322,500	3,396,840	3,459,910	3,528,070	3,571,360	3,619,640
Michigan	3,998,790	4,073,730	4,146,600	4,212,090	4,276,040	4,317,830	4,344,230

State Indicators

State	2013	2014	2015	2016	2017	2018	2019
Minnesota	2,688,580	2,730,020	2,772,240	2,810,400	2,838,270	2,867,700	2,880,650
Mississippi	1,083,560	1,094,070	1,106,550	1,117,280	1,119,470	1,123,830	1,128,280
Missouri	2,639,120	2,673,640	2,712,240	2,757,850	2,788,680	2,804,780	2,820,610
Montana	439,110	443,330	447,180	454,740	460,740	463,280	468,000
Nebraska	927,150	942,950	953,710	968,000	970,230	978,290	982,040
Nevada	1,151,970	1,189,610	1,232,800	1,270,930	1,310,220	1,347,130	1,392,680
New Hampshire	620,190	627,000	635,360	645,050	649,950	652,920	660,480
New Jersey	3,821,070	3,869,260	3,906,800	3,955,350	4,007,470	4,050,170	4,087,950
New Mexico	783,980	788,000	798,150	805,440	801,080	811,680	823,570
New York	8,635,400	8,810,950	8,984,890	9,097,650	9,207,870	9,385,620	9,522,980
North Carolina	3,947,030	4,030,880	4,125,070	4,231,020	4,298,390	4,383,210	4,462,800
North Dakota	422,930	440,420	447,820	425,200	416,670	416,550	422,520
Ohio	5,125,850	5,200,880	5,280,850	5,337,890	5,370,640	5,416,810	5,447,780
Oklahoma	1,558,860	1,577,330	1,597,130	1,586,890	1,573,000	1,594,370	1,617,390
Oregon	1,640,300	1,683,470	1,735,220	1,790,940	1,830,790	1,886,090	1,905,860
Pennsylvania	5,616,820	5,653,840	5,709,480	5,747,020	5,781,610	5,847,690	5,901,590
Rhode Island	456,100	463,930	471,290	475,190	475,910	482,030	483,580
South Carolina	1,826,120	1,876,480	1,928,140	1,979,820	2,009,460	2,062,280	2,107,760
South Dakota	402,990	409,250	413,260	417,520	419,470	422,310	425,140
Tennessee	2,700,050	2,749,480	2,814,230	2,893,040	2,915,750	2,956,920	3,007,710
Texas	10,913,950	11,228,940	11,572,540	11,745,250	11,890,880	12,113,810	12,431,200
Utah	1,242,690	1,280,660	1,324,460	1,374,900	1,410,670	1,455,910	1,504,070
Vermont	298,290	301,050	303,550	304,670	305,110	305,210	306,300
Virginia	3,631,440	3,648,490	3,682,450	3,760,550	3,789,910	3,832,840	3,878,770
Washington	2,827,200	2,898,350	2,983,930	3,067,110	3,186,610	3,259,150	3,318,510
West Virginia	709,430	707,720	707,000	697,440	688,530	696,620	702,100

State Indicators

State	2013	2014	2015	2016	2017	2018	2019
Wisconsin	2,704,840	2,727,860	2,771,600	2,805,010	2,825,170	2,848,560	2,870,050
Wyoming	278,910	282,690	283,830	276,120	267,980	269,320	273,340
Puerto Rico	927,460	902,930	890,760	883,360	875,780	846,010	865,160

Science and Engineering Indicators