State Indicators

S-34 Life Scientists as a Percentage of All Occupations

Description

This indicator represents the percentage of life scientists in a state's workforce. Life scientists are identified from standard occupational codes that include agricultural and food scientists, biological scientists, conservation scientists and foresters, medical scientists, and postsecondary teachers in these fields. A high share of life scientists in a state's workforce could indicate a robust cluster of life sciences industries such as pharmaceutical and medicine manufacturing. States in the top quartile for this indicator also tend to contain agriculture-intensive industries.

Data on individuals in life sciences 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.

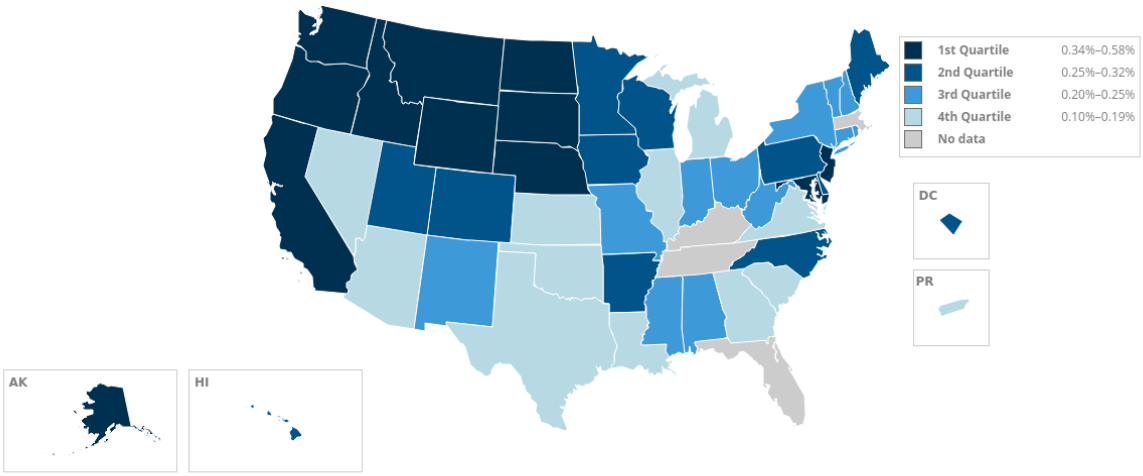
Estimates for states with smaller populations are generally less precise than estimates for states with larger populations.

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

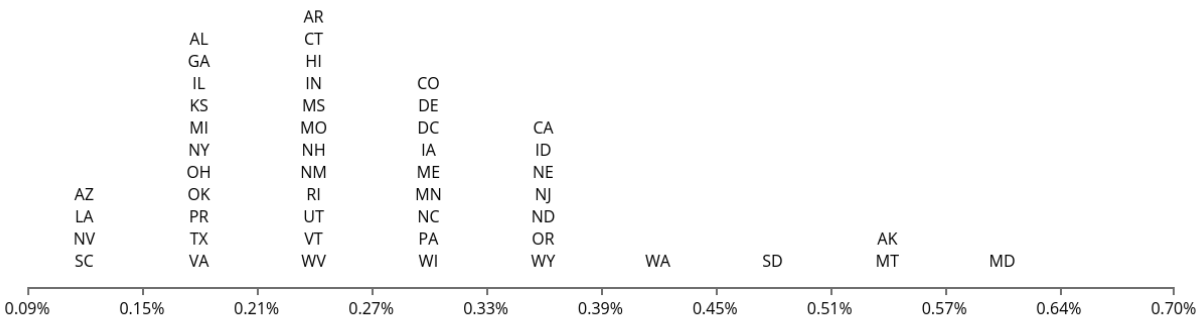
State Indicators

S-34 Life Scientists 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

Life Scientists as a Percentage of All Occupations

(Percent)

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	0.21	0.22	0.22	0.22	0.23	0.24	0.25	0.25	0.25	0.25
Alabama	0.12	0.13	0.13	0.15	0.22	0.23	0.25	0.19	0.16	0.17
Alaska	0.57	0.59	0.59	0.61	0.71	0.69	0.69	0.70	0.70	0.70
Arizona	0.13	0.12	0.11	0.11	0.13	0.14	NA	0.19	NA	0.20
Arkansas	0.14	0.14	0.13	0.13	0.16	0.17	0.22	0.21	0.21	0.22
California	0.23	0.26	0.26	0.27	NA	NA	0.38	0.39	0.41	0.39
Colorado	NA	NA	0.24	0.21	0.21	0.22	NA	NA	NA	NA
Connecticut	0.29	0.30	0.31	0.29	0.27	NA	0.30	0.28	0.28	0.27
Delaware	0.31	0.29	0.27	0.33	0.33	0.39	0.32	0.26	0.28	0.31
District of Columbia	0.39	0.42	0.45	0.40	0.37	0.30	0.29	0.24	0.29	0.27
Florida	0.12	0.13	0.13	0.12	0.12	0.13	0.15	NA	NA	0.15
Georgia	0.19	0.14	0.14	0.13	0.12	0.12	NA	0.13	0.15	0.15
Hawaii	0.20	0.28	0.28	0.30	0.34	0.31	0.34	0.34	0.32	0.32
Idaho	0.37	0.39	0.39	0.36	0.36	0.27	0.31	0.37	0.39	0.37
Illinois	0.16	0.16	0.18	0.16	0.14	0.14	0.14	0.16	0.16	0.15
Indiana	0.18	0.19	0.19	NA	0.20	0.20	0.19	0.19	0.20	0.19
Iowa	0.19	0.22	0.22	0.24	0.28	0.29	0.31	0.29	0.32	0.36
Kansas	0.18	0.17	0.18	NA	0.19	0.24	0.26	0.25	0.23	0.24
Kentucky	0.19	0.15	NA	0.15	0.16	0.16	0.17	0.17	0.18	0.19
Louisiana	0.11	0.11	0.11	0.12	NA	NA	0.09	NA	NA	NA
Maine	0.18	0.18	0.19	0.19	0.20	0.20	0.25	0.25	0.30	NA
Maryland	NA	0.47	0.48	0.41	0.42	0.43	0.48	0.47	0.52	0.54
Massachusetts	0.36	0.36	0.38	0.44	0.45	NA	0.57	0.58	0.61	0.63

State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Michigan	NA	0.15	0.14	NA	NA	NA	NA	NA	NA	0.15
Minnesota	0.26	0.27	0.28	0.29	0.30	0.31	0.35	0.36	NA	0.39
Mississippi	0.23	0.19	0.20	0.21	0.22	0.24	0.25	0.23	0.23	0.24
Missouri	0.19	0.21	0.22	0.21	NA	NA	NA	0.19	NA	0.22
Montana	0.46	0.45	0.44	0.47	0.52	0.51	0.53	0.60	0.62	0.62
Nebraska	0.26	0.28	0.29	0.30	0.24	0.23	0.22	0.24	0.24	0.27
Nevada	0.10	0.09	0.09	0.09	0.10	0.09	0.10	0.11	0.12	0.12
New Hampshire	0.10	NA	0.15	0.15	0.21	0.21	0.21	0.23	0.23	0.23
New Jersey	0.24	0.28	0.24	0.22	0.23	0.29	0.31	0.33	0.27	0.25
New Mexico	NA	NA	NA	0.25	NA	0.21	0.23	0.23	0.21	NA
New York	NA	0.18	0.18	0.17	0.16	0.16	0.18	0.19	0.18	NA
North Carolina	NA	NA	0.25	NA	NA	0.28	0.32	0.36	0.35	0.30
North Dakota	0.34	0.32	0.33	0.33	0.34	0.31	0.32	0.30	0.32	0.30
Ohio	NA	NA	NA	0.12	0.14	0.15	0.17	0.16	0.15	0.14
Oklahoma	0.27	0.22	0.22	0.21	0.19	0.18	0.16	0.17	0.12	0.13
Oregon	0.36	0.34	0.33	0.32	0.34	0.35	0.39	0.40	0.35	0.36
Pennsylvania	0.25	0.26	NA	NA	0.28	0.30	0.34	NA	NA	0.25
Rhode Island	0.23	0.23	0.19	0.23	0.26	0.22	0.22	NA	0.28	0.28
South Carolina	0.12	0.14	0.13	0.13	0.11	0.11	0.12	0.12	NA	NA
South Dakota	0.34	0.33	0.32	0.34	0.38	0.40	0.41	0.43	0.39	0.40
Tennessee	0.11	0.09	NA	0.10	0.11	0.11	0.11	0.11	NA	NA
Texas	0.29	0.32	0.32	0.27	NA	0.21	0.19	NA	NA	0.18
Utah	0.29	0.27	0.28	0.29	0.31	0.29	0.28	0.21	NA	NA
Vermont	0.24	0.27	0.29	0.31	0.36	0.28	0.25	0.28	0.32	0.32
Virginia	NA	NA	0.17	0.17	0.15	0.16	NA	NA	0.17	0.17
Washington	0.41	0.40	0.40	NA	0.44	0.40	0.43	0.45	0.43	0.43

State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
West Virginia	0.17	0.19	0.19	0.19	0.18	0.17	0.16	0.20	0.18	0.20
Wisconsin	0.24	0.24	0.24	0.25	0.29	0.31	0.32	0.29	0.27	0.29
Wyoming	0.38	0.43	0.43	0.41	0.41	0.41	0.44	0.42	0.42	0.42
Puerto Rico	0.18	0.17	0.19	0.17	NA	0.16	0.17	0.17	0.17	0.18

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. “Life Scientists as a Percentage of All Occupations.” Science and Engineering Indicators: State Indicators. Alexandria, VA: National Science Foundation. https://ncses.nsf.gov/indicators/states/indicator/life-scientists-to-all-occupations. Accessed on [date of user access].

Last updated: November 30, 2020

Science and Engineering Indicators

State Indicators

Life Scientists as a Percentage of All Occupations

(Percent)

State	2013	2014	2015	2016	2017	2018	2019
United States	0.26	0.26	0.25	0.25	0.25	0.26	0.26
Alabama	0.21	0.20	0.15	0.11	NA	0.16	0.21
Alaska	0.60	0.58	0.57	0.56	0.57	0.58	0.55
Arizona	0.21	NA	0.19	0.18	0.17	0.16	0.14
Arkansas	0.22	0.22	0.21	0.18	0.17	0.18	0.27
California	0.41	0.39	0.36	0.36	0.36	0.38	0.34
Colorado	0.28	0.28	0.27	0.27	0.30	0.30	0.32
Connecticut	NA	0.27	0.30	0.28	0.24	0.25	0.25
Delaware	0.29	0.23	NA	NA	NA	0.28	0.31
District of Columbia	NA	NA	0.29	0.26	0.30	0.31	0.28
Florida	0.15	0.14	0.13	0.12	0.13	0.13	NA
Georgia	0.14	NA	0.19	0.19	0.17	NA	0.17
Hawaii	0.33	0.33	0.32	0.31	0.25	0.25	0.25
Idaho	0.40	0.38	0.40	0.38	0.40	0.40	0.38
Illinois	NA	0.13	0.15	0.17	0.19	0.19	0.19
Indiana	0.23	0.24	0.23	0.23	0.23	0.23	0.23
Iowa	0.40	0.40	0.36	0.35	0.32	0.33	0.32
Kansas	0.23	0.13	0.14	0.18	0.21	0.19	0.19
Kentucky	0.20	0.18	0.17	0.17	0.12	0.13	NA
Louisiana	0.12	0.14	0.13	0.12	0.13	0.14	0.14
Maine	0.28	0.27	0.27	0.24	0.24	0.26	0.28
Maryland	0.56	0.58	0.58	0.59	0.55	0.58	0.58
Massachusetts	0.67	0.72	0.68	0.69	0.72	NA	NA

State Indicators

State	2013	2014	2015	2016	2017	2018	2019
Michigan	0.15	0.18	0.20	0.21	0.20	0.19	0.18
Minnesota	0.41	0.37	0.37	0.32	0.35	0.32	0.32
Mississippi	0.21	0.22	0.21	0.21	0.21	0.22	0.25
Missouri	0.23	0.23	0.21	0.25	0.21	0.23	0.24
Montana	0.56	0.52	0.52	0.49	0.50	0.52	0.53
Nebraska	0.26	0.30	0.31	0.33	0.32	0.32	0.34
Nevada	0.11	0.11	0.12	0.11	0.12	0.10	0.10
New Hampshire	0.20	0.21	0.20	0.22	0.21	0.22	0.22
New Jersey	0.24	0.27	0.30	0.32	0.31	0.35	0.38
New Mexico	0.26	NA	0.24	0.22	0.22	0.21	0.22
New York	NA	0.23	0.24	0.23	0.22	0.21	0.21
North Carolina	0.32	0.32	0.29	0.25	0.27	0.28	0.28
North Dakota	0.32	0.33	0.35	0.33	0.35	0.36	0.37
Ohio	0.15	0.16	NA	0.19	0.19	0.19	0.20
Oklahoma	0.13	0.15	0.15	0.13	0.13	NA	0.16
Oregon	0.34	0.37	0.37	0.38	0.35	0.36	0.37
Pennsylvania	0.30	0.28	0.29	0.28	0.30	NA	0.27
Rhode Island	0.23	0.19	0.20	0.15	0.17	0.23	0.25
South Carolina	NA	0.13	0.12	0.12	0.11	0.11	0.10
South Dakota	0.42	0.44	0.44	0.42	0.43	0.46	0.47
Tennessee	NA	0.16	0.15	NA	0.16	0.16	NA
Texas	NA	0.16	0.15	0.16	0.16	0.17	0.17
Utah	0.21	0.22	0.22	0.21	0.20	0.21	0.25
Vermont	0.32	0.29	0.36	0.36	0.33	0.27	0.25
Virginia	NA	NA	NA	0.20	0.22	NA	0.19
Washington	0.42	0.40	0.39	0.40	0.42	0.43	0.44

State Indicators

State	2013	2014	2015	2016	2017	2018	2019
West Virginia	0.17	0.16	0.15	0.18	0.22	0.22	0.24
Wisconsin	0.29	0.25	0.24	NA	0.24	0.25	0.28
Wyoming	0.40	0.38	0.36	0.37	0.38	0.36	0.36
Puerto Rico	0.21	0.19	0.18	0.16	0.17	0.18	0.17

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.

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Last updated: November 30, 2020

Science and Engineering Indicators

State Indicators

Life scientists

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	272,510	286,130	290,950	291,980	304,720	319,520	329,000	323,920	324,380	328,040
Alabama	2,250	2,380	2,350	2,810	4,190	4,460	4,690	3,510	2,980	3,160
Alaska	1,650	1,750	1,770	1,860	2,150	2,120	2,120	2,160	2,200	2,220
Arizona	2,900	2,870	2,700	2,790	3,340	3,590	NA	4,610	NA	4,780
Arkansas	1,530	1,540	1,530	1,490	1,890	2,040	2,500	2,340	2,410	2,510
California	33,370	37,380	37,640	40,030	NA	NA	55,590	55,200	57,020	56,160
Colorado	NA	NA	5,120	4,610	4,810	5,120	NA	NA	NA	NA
Connecticut	4,710	4,910	5,050	4,830	4,620	NA	5,020	4,550	4,460	4,430
Delaware	1,270	1,200	1,140	1,390	1,420	1,650	1,320	1,040	1,130	1,250
District of Columbia	2,320	2,560	2,740	2,460	2,320	1,890	1,870	1,530	1,880	1,740
Florida	8,530	9,700	10,070	9,510	9,720	10,270	10,820	NA	NA	10,880
Georgia	7,270	5,290	5,420	5,350	4,930	4,740	NA	4,960	5,630	5,610
Hawaii	1,140	1,610	1,620	1,780	2,050	1,890	2,010	1,950	1,860	1,910
Idaho	2,060	2,300	2,330	2,260	2,340	1,760	1,910	2,190	2,310	2,230
Illinois	9,020	9,100	10,170	9,470	8,390	8,180	8,270	8,720	8,860	8,260
Indiana	5,020	5,430	5,440	NA	5,900	5,730	5,370	5,300	5,420	5,250
Iowa	2,680	3,090	3,190	3,560	4,230	4,330	4,510	4,110	4,670	5,350
Kansas	2,390	2,220	2,370	NA	2,600	3,340	3,460	3,200	3,060	3,130
Kentucky	3,200	2,540	NA	2,720	2,920	2,840	2,910	2,870	3,160	3,280
Louisiana	1,990	2,060	2,070	2,050	NA	NA	1,770	NA	NA	NA
Maine	1,090	1,100	1,160	1,160	1,220	1,220	1,470	1,470	1,710	NA
Maryland	NA	11,630	11,880	10,300	10,800	11,000	12,060	11,550	12,850	13,670
Massachusetts	11,420	11,150	11,960	14,030	14,320	NA	17,990	18,030	19,170	20,290
Michigan	NA	6,500	6,090	NA	NA	NA	NA	NA	NA	6,030

State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Minnesota	6,860	7,140	7,440	7,660	7,960	8,510	9,080	9,200	NA	10,180
Mississippi	2,500	2,130	2,260	2,390	2,430	2,730	2,690	2,420	2,500	2,610
Missouri	4,880	5,480	5,760	5,680	NA	NA	NA	4,900	NA	5,700
Montana	1,810	1,830	1,820	1,990	2,280	2,270	2,280	2,530	2,650	2,700
Nebraska	2,330	2,500	2,570	2,690	2,200	2,110	2,060	2,160	2,190	2,450
Nevada	1,120	1,060	1,100	1,090	1,260	1,150	1,180	1,280	1,370	1,370
New Hampshire	610	NA	940	910	1,320	1,320	1,300	1,410	1,420	1,430
New Jersey	9,240	10,930	9,300	8,840	9,330	11,550	12,010	12,430	10,310	9,430
New Mexico	NA	NA	NA	2,000	NA	1,740	1,860	1,750	1,670	NA
New York	NA	15,190	14,680	14,310	13,720	13,990	14,860	16,060	15,450	NA
North Carolina	NA	NA	9,560	NA	NA	11,560	12,600	13,720	13,510	11,590
North Dakota	1,070	1,050	1,090	1,100	1,150	1,090	1,120	1,080	1,200	1,210
Ohio	NA	NA	NA	6,500	7,340	8,240	8,410	7,660	7,410	7,280
Oklahoma	3,820	3,220	3,140	3,190	2,960	2,790	2,480	2,490	1,750	1,960
Oregon	5,560	5,370	5,220	5,330	5,650	6,030	6,380	6,210	5,600	5,720
Pennsylvania	13,670	14,350	NA	NA	16,040	17,150	18,930	NA	NA	13,910
Rhode Island	1,100	1,120	900	1,090	1,250	1,050	1,010	NA	1,270	1,250
South Carolina	2,170	2,510	2,410	2,360	2,000	2,090	2,090	2,160	NA	NA
South Dakota	1,240	1,240	1,200	1,290	1,480	1,600	1,620	1,650	1,540	1,590
Tennessee	2,820	2,480	NA	2,620	2,900	2,900	2,790	2,880	NA	NA
Texas	26,950	29,430	30,580	26,450	NA	22,030	19,260	NA	NA	18,720
Utah	3,040	2,940	3,090	3,300	3,710	3,580	3,280	2,360	NA	NA
Vermont	700	790	870	920	1,090	830	740	790	930	940
Virginia	NA	NA	6,010	6,110	5,300	5,920	NA	NA	5,980	6,240
Washington	10,380	10,470	10,490	NA	12,290	11,600	12,090	12,220	11,630	11,920
West Virginia	1,150	1,300	1,310	1,370	1,260	1,210	1,100	1,370	1,280	1,390

State Indicators

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Wisconsin	6,470	6,480	6,450	6,870	8,020	8,630	8,480	7,690	7,120	7,830
Wyoming	910	1,060	1,080	1,070	1,110	1,170	1,230	1,130	1,150	1,180
Puerto Rico	1,690	1,770	1,930	1,800	NA	1,600	1,610	1,650	1,540	1,710

NA = not available

Science and Engineering Indicators

State Indicators

Life scientists

State	2013	2014	2015	2016	2017	2018	2019
United States	344,710	348,580	349,960	354,820	361,020	375,440	382,310
Alabama	3,880	3,660	2,750	2,030	NA	3,180	4,070
Alaska	1,940	1,900	1,880	1,820	1,820	1,830	1,740
Arizona	5,090	NA	4,870	4,690	4,560	4,480	3,960
Arkansas	2,570	2,530	2,430	2,110	2,060	2,210	3,270
California	60,870	58,330	56,470	58,020	60,100	63,800	59,010
Colorado	6,370	6,740	6,650	6,850	7,590	7,870	8,440
Connecticut	NA	4,490	5,030	4,630	3,910	4,210	4,120
Delaware	1,200	970	NA	NA	NA	1,260	1,390
District of Columbia	NA	NA	1,940	1,860	2,100	2,190	2,020
Florida	10,890	10,360	10,190	10,090	10,770	11,370	NA
Georgia	5,510	NA	7,670	7,830	7,390	NA	7,500
Hawaii	1,970	2,030	2,010	1,990	1,560	1,610	1,600
Idaho	2,430	2,400	2,560	2,500	2,730	2,790	2,750
Illinois	NA	7,540	8,870	10,120	11,230	11,260	11,270
Indiana	6,460	6,970	6,680	6,860	6,860	7,000	7,090
Iowa	5,910	5,980	5,430	5,340	4,970	5,060	4,890
Kansas	3,120	1,830	1,930	2,420	2,850	2,640	2,660
Kentucky	3,510	3,280	3,150	3,140	2,320	2,430	NA
Louisiana	2,270	2,660	2,430	2,250	2,410	2,620	2,720
Maine	1,630	1,610	1,600	1,460	1,420	1,550	1,700
Maryland	14,190	14,950	15,040	15,630	14,600	15,500	15,630
Massachusetts	21,900	23,990	22,990	23,860	25,290	NA	NA
Michigan	6,120	7,170	8,310	8,770	8,510	8,170	7,690

State Indicators

State	2013	2014	2015	2016	2017	2018	2019
Minnesota	11,000	10,160	10,130	9,040	9,950	9,250	9,190
Mississippi	2,230	2,400	2,330	2,320	2,360	2,490	2,810
Missouri	6,150	6,080	5,630	6,840	5,850	6,320	6,820
Montana	2,470	2,290	2,310	2,240	2,290	2,410	2,500
Nebraska	2,390	2,820	2,990	3,190	3,090	3,150	3,320
Nevada	1,300	1,330	1,460	1,380	1,540	1,410	1,420
New Hampshire	1,240	1,290	1,300	1,410	1,370	1,450	1,460
New Jersey	9,360	10,330	11,870	12,840	12,480	14,180	15,720
New Mexico	2,030	NA	1,920	1,810	1,800	1,690	1,800
New York	NA	20,430	21,240	21,230	19,910	19,950	19,660
North Carolina	12,750	13,030	11,910	10,670	11,420	12,080	12,590
North Dakota	1,370	1,450	1,550	1,390	1,460	1,510	1,580
Ohio	7,730	8,160	NA	10,140	10,070	10,070	10,720
Oklahoma	2,100	2,420	2,370	2,060	2,080	NA	2,650
Oregon	5,630	6,150	6,340	6,850	6,420	6,720	7,130
Pennsylvania	16,990	15,770	16,460	16,170	17,230	NA	16,210
Rhode Island	1,040	900	930	720	820	1,090	1,200
South Carolina	NA	2,440	2,240	2,300	2,250	2,200	2,130
South Dakota	1,680	1,810	1,810	1,770	1,800	1,950	1,980
Tennessee	NA	4,370	4,330	NA	4,530	4,820	NA
Texas	NA	18,190	17,460	18,250	19,070	20,600	21,170
Utah	2,610	2,820	2,930	2,840	2,860	3,070	3,790
Vermont	940	880	1,090	1,110	1,010	810	770
Virginia	NA	NA	NA	7,700	8,420	NA	7,450
Washington	11,740	11,580	11,760	12,140	13,470	13,870	14,530
West Virginia	1,220	1,110	1,070	1,270	1,530	1,510	1,710

State Indicators

State	2013	2014	2015	2016	2017	2018	2019
Wisconsin	7,800	6,910	6,710	NA	6,750	7,090	8,060
Wyoming	1,120	1,080	1,020	1,010	1,010	960	990
Puerto Rico	1,950	1,750	1,560	1,370	1,470	1,560	1,470

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