

TABLE 41. Employed doctoral scientists and engineers, by employer location and broad occupation: 2003

Employer location	Science occupations										
	Total	Total	Biological, agricultural, and other life scientist	Computer and information scientist	Mathematical scientist	Physical scientist	Psychologist	Social scientist	Engineering occupations	Science and engineering- related occupations	Non-science and engineering occupations
	Number										
All locations	593,300	352,960	104,650	34,410	22,460	73,730	67,110	50,590	77,000	64,650	98,700
New England	49,800	31,000	9,680	3,230	1,630	5,870	6,130	4,440	5,660	5,220	7,920
Connecticut	9,800	6,210	1,980	390	150	1,370	1,420	900	910	1,260	1,420
Maine	2,150	1,510	450	60	100	260	420	230	190	90	360
Massachusetts	30,210	18,820	6,340	2,160	1,160	3,410	3,320	2,430	3,370	3,160	4,860
New Hampshire	2,640	1,520	360	370	S	320	280	150	530	140	450
Rhode Island	3,190	1,880	290	180	190	320	450	440	350	400	570
Vermont	1,820	1,060	250	80	S	180	240	290	310	180	270
Middle Atlantic	93,540	58,140	14,710	6,580	4,150	12,020	12,600	8,090	9,390	10,110	15,900
New Jersey	20,950	12,380	3,010	2,300	920	3,080	1,870	1,200	2,280	2,480	3,810
New York	44,700	28,020	6,810	2,890	2,020	4,680	7,300	4,320	3,870	4,900	7,910
Pennsylvania	27,880	17,740	4,890	1,400	1,210	4,250	3,420	2,570	3,240	2,730	4,170
East North Central	78,340	46,540	12,840	3,910	3,230	9,680	9,370	7,520	11,260	8,470	12,070
Illinois	22,420	13,090	3,620	1,420	980	2,660	2,130	2,280	2,450	2,530	4,350
Indiana	9,560	5,750	1,550	320	470	1,060	1,200	1,150	1,260	1,040	1,510
Michigan	17,140	9,690	2,410	810	770	2,010	2,160	1,540	3,540	1,960	1,950
Ohio	20,850	12,760	3,760	970	720	2,920	2,590	1,800	3,030	2,070	2,990
Wisconsin	8,370	5,240	1,490	390	290	1,030	1,280	760	980	870	1,280
West North Central	33,640	19,830	7,520	750	1,210	3,440	3,860	3,040	3,780	4,620	5,410
Iowa	4,660	2,900	1,030	120	340	400	430	600	390	580	780
Kansas	3,990	2,480	890	190	120	230	570	470	530	360	610
Minnesota	11,090	6,090	2,070	220	240	1,320	1,390	850	1,330	1,730	1,940
Missouri	9,010	5,060	2,030	120	360	980	880	680	1,080	1,450	1,430
Nebraska	1,070	720	390	S	50	120	90	S	160	110	80
North Dakota	2,800	1,920	890	50	50	340	340	240	220	240	420
South Dakota	1,020	660	210	S	50	60	150	150	80	140	140
South Atlantic	113,580	69,520	21,240	6,010	5,110	13,550	11,520	12,090	11,480	12,260	20,330
Delaware	2,980	1,640	570	170	S	590	180	100	490	310	540
District of Columbia	13,770	8,170	990	350	390	1,290	890	4,260	780	1,050	3,770
Florida	15,990	9,230	2,630	890	600	1,490	2,330	1,290	2,290	1,790	2,680
Georgia	12,190	7,850	2,740	590	410	1,370	1,360	1,380	890	1,340	2,100
Maryland	25,310	16,250	6,710	1,310	1,270	3,430	2,100	1,420	2,370	2,980	3,710
North Carolina	17,360	10,710	4,110	910	920	1,980	1,770	1,020	1,070	2,330	3,250
South Carolina	5,200	3,130	940	90	280	690	600	530	710	660	700
Virginia	18,800	11,270	2,190	1,700	1,170	2,350	2,080	1,800	2,560	1,580	3,390
West Virginia	1,980	1,270	360	S	60	340	210	290	310	210	190

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	Total	Total	Biological, agricultural, and other life scientist	Computer and information scientist	Mathematical scientist	Physical scientist	Psychologist	Social scientist	Engineering occupations	Science and engineering-related occupations	Non-science and engineering occupations
East South Central	22,550	13,280	4,710	790	880	2,550	2,440	1,910	3,120	2,510	3,630
Alabama	5,800	3,290	1,120	260	200	620	620	470	890	650	960
Kentucky	4,730	3,030	1,020	170	370	270	610	590	230	680	780
Mississippi	3,160	1,810	740	60	S	490	190	280	480	380	490
Tennessee	8,870	5,150	1,830	290	270	1,170	1,020	570	1,520	800	1,400
West South Central	46,070	26,170	8,170	2,590	1,610	5,780	4,660	3,370	7,480	5,290	7,130
Arkansas	2,810	1,790	810	60	70	300	160	390	220	320	490
Louisiana	5,400	3,340	1,300	120	260	550	760	340	560	720	770
Oklahoma	4,690	3,040	770	250	80	700	760	480	590	380	680
Texas	33,180	18,000	5,280	2,150	1,190	4,220	2,980	2,160	6,110	3,880	5,190
Mountain	39,200	22,720	5,890	1,670	1,580	6,750	3,970	2,860	6,240	3,830	6,420
Arizona	7,620	4,180	990	320	250	1,010	980	630	1,500	610	1,330
Colorado	12,200	7,590	1,820	650	550	2,240	1,430	900	1,620	1,010	1,980
Idaho	2,450	1,320	510	110	130	270	240	70	440	290	410
Montana	1,850	1,380	490	S	190	210	300	160	150	210	110
New Mexico	8,140	4,220	930	310	170	2,100	350	370	1,750	970	1,200
Nevada	2,100	1,350	270	50	130	460	260	180	210	200	350
Utah	4,190	2,180	710	170	110	360	380	440	550	520	940
Wyoming	650	500	180	S	60	100	S	110	S	S	100
Pacific	113,800	64,170	19,230	8,870	2,960	13,820	12,150	7,140	18,370	12,050	19,210
Alaska	1,050	680	300	90	S	170	S	80	100	120	150
California	86,490	47,990	13,330	6,830	2,160	11,050	9,640	4,980	14,920	8,850	14,730
Hawaii	3,010	1,990	670	150	S	410	260	470	220	380	430
Oregon	7,760	4,290	1,720	540	250	630	620	530	1,310	770	1,400
Washington	15,480	9,220	3,220	1,270	510	1,560	1,580	1,080	1,820	1,940	2,500
Puerto Rico	1,800	1,170	430	S	70	230	340	90	140	150	330
Other U.S. territories and other areas	980	420	230	S	S	S	70	S	80	130	350
	Percent										
All locations	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England	8.4	8.8	9.3	9.4	7.3	8.0	9.1	8.8	7.4	8.1	8.0
Connecticut	1.7	1.8	1.9	1.1	0.7	1.9	2.1	1.8	1.2	1.9	1.4
Maine	0.4	0.4	0.4	0.2	0.4	0.4	0.6	0.5	0.2	0.1	0.4
Massachusetts	5.1	5.3	6.1	6.3	5.2	4.6	4.9	4.8	4.4	4.9	4.9
New Hampshire	0.4	0.4	0.3	1.1	S	0.4	0.4	0.3	0.7	0.2	0.5
Rhode Island	0.5	0.5	0.3	0.5	0.9	0.4	0.7	0.9	0.5	0.6	0.6

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Vermont	0.3	0.3	0.2	0.2	S	0.2	0.4	0.6	0.4	0.3	0.3
Middle Atlantic	15.8	16.5	14.1	19.1	18.5	16.3	18.8	16.0	12.2	15.6	16.1
New Jersey	3.5	3.5	2.9	6.7	4.1	4.2	2.8	2.4	3.0	3.8	3.9
New York	7.5	7.9	6.5	8.4	9.0	6.3	10.9	8.5	5.0	7.6	8.0
Pennsylvania	4.7	5.0	4.7	4.1	5.4	5.8	5.1	5.1	4.2	4.2	4.2
East North Central	13.2	13.2	12.3	11.4	14.4	13.1	14.0	14.9	14.6	13.1	12.2
Illinois	3.8	3.7	3.5	4.1	4.3	3.6	3.2	4.5	3.2	3.9	4.4
Indiana	1.6	1.6	1.5	0.9	2.1	1.4	1.8	2.3	1.6	1.6	1.5
Michigan	2.9	2.7	2.3	2.3	3.4	2.7	3.2	3.0	4.6	3.0	2.0
Ohio	3.5	3.6	3.6	2.8	3.2	4.0	3.9	3.5	3.9	3.2	3.0
Wisconsin	1.4	1.5	1.4	1.1	1.3	1.4	1.9	1.5	1.3	1.3	1.3
West North Central	5.7	5.6	7.2	2.2	5.4	4.7	5.7	6.0	4.9	7.1	5.5
Iowa	0.8	0.8	1.0	0.3	1.5	0.5	0.6	1.2	0.5	0.9	0.8
Kansas	0.7	0.7	0.8	0.6	0.6	0.3	0.9	0.9	0.7	0.6	0.6
Minnesota	1.9	1.7	2.0	0.6	1.1	1.8	2.1	1.7	1.7	2.7	2.0
Missouri	1.5	1.4	1.9	0.4	1.6	1.3	1.3	1.3	1.4	2.2	1.4
Nebraska	0.2	0.2	0.4	S	0.2	0.2	0.1	S	0.2	0.2	0.1
North Dakota	0.5	0.5	0.9	0.2	0.2	0.5	0.5	0.5	0.3	0.4	0.4
South Dakota	0.2	0.2	0.2	S	0.2	0.1	0.2	0.3	0.1	0.2	0.1
South Atlantic	19.1	19.7	20.3	17.5	22.8	18.4	17.2	23.9	14.9	19.0	20.6
Delaware	0.5	0.5	0.5	0.5	S	0.8	0.3	0.2	0.6	0.5	0.6
District of Columbia	2.3	2.3	0.9	1.0	1.7	1.8	1.3	8.4	1.0	1.6	3.8
Florida	2.7	2.6	2.5	2.6	2.7	2.0	3.5	2.5	3.0	2.8	2.7
Georgia	2.1	2.2	2.6	1.7	1.8	1.9	2.0	2.7	1.2	2.1	2.1
Maryland	4.3	4.6	6.4	3.8	5.7	4.7	3.1	2.8	3.1	4.6	3.8
North Carolina	2.9	3.0	3.9	2.7	4.1	2.7	2.6	2.0	1.4	3.6	3.3
South Carolina	0.9	0.9	0.9	0.3	1.2	0.9	0.9	1.1	0.9	1.0	0.7
Virginia	3.2	3.2	2.1	4.9	5.2	3.2	3.1	3.6	3.3	2.4	3.4
West Virginia	0.3	0.4	0.3	S	0.3	0.5	0.3	0.6	0.4	0.3	0.2
East South Central	3.8	3.8	4.5	2.3	3.9	3.5	3.6	3.8	4.1	3.9	3.7
Alabama	1.0	0.9	1.1	0.8	0.9	0.8	0.9	0.9	1.2	1.0	1.0
Kentucky	0.8	0.9	1.0	0.5	1.6	0.4	0.9	1.2	0.3	1.1	0.8
Mississippi	0.5	0.5	0.7	0.2	S	0.7	0.3	0.5	0.6	0.6	0.5
Tennessee	1.5	1.5	1.7	0.9	1.2	1.6	1.5	1.1	2.0	1.2	1.4
West South Central	7.8	7.4	7.8	7.5	7.1	7.8	7.0	6.7	9.7	8.2	7.2
Arkansas	0.5	0.5	0.8	0.2	0.3	0.4	0.2	0.8	0.3	0.5	0.5
Louisiana	0.9	0.9	1.2	0.4	1.1	0.8	1.1	0.7	0.7	1.1	0.8

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Oklahoma	0.8	0.9	0.7	0.7	0.4	0.9	1.1	0.9	0.8	0.6	0.7
Texas	5.6	5.1	5.1	6.3	5.3	5.7	4.4	4.3	7.9	6.0	5.3
Mountain	6.6	6.4	5.6	4.8	7.1	9.2	5.9	5.7	8.1	5.9	6.5
Arizona	1.3	1.2	0.9	0.9	1.1	1.4	1.5	1.2	1.9	0.9	1.4
Colorado	2.1	2.2	1.7	1.9	2.5	3.0	2.1	1.8	2.1	1.6	2.0
Idaho	0.4	0.4	0.5	0.3	0.6	0.4	0.4	0.1	0.6	0.4	0.4
Montana	0.3	0.4	0.5	S	0.8	0.3	0.5	0.3	0.2	0.3	0.1
New Mexico	1.4	1.2	0.9	0.9	0.8	2.8	0.5	0.7	2.3	1.5	1.2
Nevada	0.4	0.4	0.3	0.2	0.6	0.6	0.4	0.4	0.3	0.3	0.4
Utah	0.7	0.6	0.7	0.5	0.5	0.5	0.6	0.9	0.7	0.8	1.0
Wyoming	0.1	0.1	0.2	S	0.3	0.1	S	0.2	S	S	0.1
Pacific	19.2	18.2	18.4	25.8	13.2	18.7	18.1	14.1	23.9	18.6	19.5
Alaska	0.2	0.2	0.3	0.3	S	0.2	S	0.2	0.1	0.2	0.2
California	14.6	13.6	12.7	19.9	9.6	15.0	14.4	9.9	19.4	13.7	14.9
Hawaii	0.5	0.6	0.6	0.4	S	0.6	0.4	0.9	0.3	0.6	0.4
Oregon	1.3	1.2	1.6	1.6	1.1	0.9	0.9	1.0	1.7	1.2	1.4
Washington	2.6	2.6	3.1	3.7	2.3	2.1	2.4	2.1	2.4	3.0	2.5
Puerto Rico	0.3	0.3	0.4	S	0.3	0.3	0.5	0.2	0.2	0.2	0.3
Other U.S. territories and other areas	0.2	0.1	0.2	S	S	S	0.1	S	0.1	0.2	0.4

S = suppressed due to too few cases (fewer than 50 weighted cases).

NOTES: Because survey sample design does not include geography, reliability of estimates in some states may be poor due to small sample size. Numbers are rounded to nearest 10. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 2003 Survey of Doctorate Recipients.