

TABLE 17. Employed doctoral scientists and engineers, by employer location and broad field of doctorate: 2003

Employer location	Science									
	Total	All sciences	Biological, agricultural, and environmental life sciences	Computer and information sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Health
All locations	593,300	468,570	145,760	11,960	28,330	112,670	91,410	78,450	101,500	23,230
New England	49,670	39,820	12,970	850	2,360	9,400	7,860	6,370	7,850	2,000
Connecticut	9,800	8,070	2,440	90	270	2,140	2,040	1,100	1,370	360
Maine	2,110	1,870	580	S	100	390	450	340	180	60
Massachusetts	30,180	24,260	8,810	540	1,540	5,570	4,170	3,630	4,700	1,220
New Hampshire	2,640	1,790	320	100	250	500	310	310	740	110
Rhode Island	3,170	2,480	360	120	200	620	580	600	560	140
Vermont	1,770	1,360	450	S	S	180	310	410	290	120
Middle Atlantic	93,580	76,330	20,360	2,310	5,190	18,880	16,610	12,970	13,540	3,720
New Jersey	20,980	16,650	4,320	760	1,340	5,540	2,460	2,240	3,500	830
New York	44,730	37,410	9,640	1,170	2,550	7,490	9,690	6,850	5,720	1,610
Pennsylvania	27,880	22,270	6,410	380	1,300	5,850	4,450	3,880	4,320	1,290
East North Central	78,370	60,330	17,640	1,200	3,860	14,060	12,580	10,970	14,950	3,100
Illinois	22,400	17,910	5,140	530	1,010	4,190	3,260	3,780	3,640	840
Indiana	9,590	7,580	2,000	100	670	1,650	1,680	1,480	1,490	530
Michigan	17,110	12,330	3,360	220	1,040	2,940	2,820	1,960	4,320	460
Ohio	20,870	15,620	4,770	270	750	3,900	3,410	2,520	4,260	990
Wisconsin	8,390	6,890	2,380	90	390	1,380	1,420	1,230	1,230	280
West North Central	33,880	27,850	11,320	400	1,370	4,670	5,390	4,700	4,360	1,670
Iowa	4,660	3,980	1,530	110	390	560	490	880	470	210
Kansas	4,030	3,200	1,120	80	110	410	850	630	650	190
Minnesota	11,160	8,900	3,440	70	260	1,870	1,980	1,280	1,460	800
Missouri	9,060	7,520	3,260	110	410	1,250	1,380	1,110	1,250	290
Nebraska	1,130	910	530	S	S	150	120	90	160	60
North Dakota	2,820	2,480	1,080	S	100	360	420	520	280	60
South Dakota	1,020	860	360	S	80	80	150	180	90	60
South Atlantic	113,590	92,760	29,620	1,760	6,120	20,060	16,190	19,000	15,590	5,240
Delaware	3,000	2,100	770	S	80	830	220	170	740	160
District of Columbia	13,770	12,060	1,940	120	580	1,750	1,320	6,340	1,220	490
Florida	15,970	12,400	3,890	320	750	2,070	3,150	2,220	2,780	790
Georgia	12,190	10,030	3,260	150	530	2,220	1,890	1,980	1,420	730
Maryland	25,280	20,690	8,900	380	1,380	4,790	2,810	2,440	3,230	1,360
North Carolina	17,420	14,510	5,880	180	920	3,140	2,730	1,670	2,000	900
South Carolina	5,180	4,220	1,230	50	280	1,020	790	840	730	240
Virginia	18,800	15,210	3,270	540	1,540	3,830	3,050	2,980	3,130	460
West Virginia	1,980	1,540	480	S	60	400	240	350	330	110
East South Central	22,450	17,310	6,220	290	1,190	3,690	3,310	2,610	3,910	1,240
Alabama	5,750	3,990	1,590	120	340	810	650	480	1,250	510
Kentucky	4,730	4,070	1,470	50	450	400	910	790	420	240
Mississippi	3,120	2,360	1,090	70	80	500	240	380	610	150
Tennessee	8,860	6,890	2,080	60	320	1,980	1,500	950	1,630	340
West South Central	46,020	34,440	11,490	1,050	1,940	8,620	6,270	5,070	9,380	2,200
Arkansas	2,760	2,310	970	S	S	480	320	460	280	160
Louisiana	5,420	4,400	1,700	100	290	800	850	670	640	380
Oklahoma	4,660	3,650	1,050	150	60	820	960	620	780	230
Texas	33,180	24,070	7,760	780	1,550	6,530	4,140	3,330	7,680	1,420
Mountain	39,140	30,140	8,730	670	1,600	9,030	5,550	4,560	7,780	1,220
Arizona	7,590	5,780	1,540	80	220	1,500	1,320	1,130	1,560	240
Colorado	12,200	9,880	2,690	240	520	3,080	1,970	1,370	1,910	410

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		All sciences	Biological, agricultural, and environmental life sciences	Computer and information sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Health	
Idaho	2,450	1,920	820	S	90	430	370	180	440	100	
Montana	1,800	1,580	580	S	220	270	330	160	160	60	
New Mexico	8,140	5,480	1,080	120	260	2,710	600	710	2,440	220	
Nevada	2,070	1,640	630	50	130	340	320	170	380	S	
Utah	4,240	3,270	1,150	80	120	530	620	770	820	140	
Wyoming	650	580	240	S	60	160	S	80	60	S	
Pacific	113,980	87,440	26,570	3,410	4,590	23,940	17,140	11,790	23,800	2,740	
Alaska	1,140	1,030	380	S	S	320	70	220	100	S	
California	86,570	65,300	18,560	2,740	3,640	18,760	13,440	8,150	19,390	1,880	
Hawaii	3,040	2,740	1,050	S	110	600	320	630	210	100	
Oregon	7,780	6,070	2,260	270	270	1,390	1,000	880	1,450	250	
Washington	15,450	12,300	4,320	330	580	2,870	2,300	1,900	2,650	500	
Puerto Rico	1,810	1,560	610	S	70	240	440	200	210	S	
Other U.S. territories and other areas	790	600	230	S	S	70	70	210	140	50	
					Percent						
All locations	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
New England	8.4	8.5	8.9	7.1	8.3	8.3	8.6	8.1	7.7	8.6	
Connecticut	1.7	1.7	1.7	0.7	0.9	1.9	2.2	1.4	1.4	1.5	
Maine	0.4	0.4	0.4	S	0.4	0.4	0.5	0.4	0.2	0.2	
Massachusetts	5.1	5.2	6.0	4.5	5.4	4.9	4.6	4.6	4.6	5.2	
New Hampshire	0.4	0.4	0.2	0.9	0.9	0.4	0.3	0.4	0.7	0.5	
Rhode Island	0.5	0.5	0.2	1.0	0.7	0.6	0.6	0.8	0.6	0.6	
Vermont	0.3	0.3	0.3	S	S	0.2	0.3	0.5	0.3	0.5	
Middle Atlantic	15.8	16.3	14.0	19.3	18.3	16.8	18.2	16.5	13.3	16.0	
New Jersey	3.5	3.6	3.0	6.3	4.7	4.9	2.7	2.9	3.4	3.6	
New York	7.5	8.0	6.6	9.8	9.0	6.7	10.6	8.7	5.6	6.9	
Pennsylvania	4.7	4.8	4.4	3.2	4.6	5.2	4.9	4.9	4.3	5.5	
East North Central	13.2	12.9	12.1	10.1	13.6	12.5	13.8	14.0	14.7	13.3	
Illinois	3.8	3.8	3.5	4.4	3.6	3.7	3.6	4.8	3.6	3.6	
Indiana	1.6	1.6	1.4	0.8	2.4	1.5	1.8	1.9	1.5	2.3	
Michigan	2.9	2.6	2.3	1.8	3.7	2.6	3.1	2.5	4.3	2.0	
Ohio	3.5	3.3	3.3	2.3	2.6	3.5	3.7	3.2	4.2	4.3	
Wisconsin	1.4	1.5	1.6	0.8	1.4	1.2	1.6	1.6	1.2	1.2	
West North Central	5.7	5.9	7.8	3.3	4.8	4.1	5.9	6.0	4.3	7.2	
Iowa	0.8	0.8	1.1	1.0	1.4	0.5	0.5	1.1	0.5	0.9	
Kansas	0.7	0.7	0.8	0.7	0.4	0.4	0.9	0.8	0.6	0.8	
Minnesota	1.9	1.9	2.4	0.6	0.9	1.7	2.2	1.6	1.4	3.4	
Missouri	1.5	1.6	2.2	0.9	1.4	1.1	1.5	1.4	1.2	1.3	
Nebraska	0.2	0.2	0.4	S	S	0.1	0.1	0.1	0.2	0.3	
North Dakota	0.5	0.5	0.7	S	0.4	0.3	0.5	0.7	0.3	0.3	
South Dakota	0.2	0.2	0.2	S	0.3	0.1	0.2	0.2	0.1	0.3	
South Atlantic	19.1	19.8	20.3	14.7	21.6	17.8	17.7	24.2	15.4	22.6	
Delaware	0.5	0.4	0.5	S	0.3	0.7	0.2	0.2	0.7	0.7	
District of Columbia	2.3	2.6	1.3	1.0	2.0	1.6	1.4	8.1	1.2	2.1	
Florida	2.7	2.6	2.7	2.7	2.6	1.8	3.4	2.8	2.7	3.4	
Georgia	2.1	2.1	2.2	1.2	1.9	2.0	2.1	2.5	1.4	3.2	
Maryland	4.3	4.4	6.1	3.2	4.9	4.3	3.1	3.1	3.2	5.9	
North Carolina	2.9	3.1	4.0	1.5	3.2	2.8	3.0	2.1	2.0	3.9	
South Carolina	0.9	0.9	0.8	0.5	1.0	0.9	0.9	1.1	0.7	1.0	

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		All sciences	Biological, agricultural, and environmental life sciences	Computer and information sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Health
Virginia	3.2	3.2	2.2	4.5	5.4	3.4	3.3	3.8	3.1	2.0
West Virginia	0.3	0.3	0.3	S	0.2	0.4	0.3	0.4	0.3	0.5
East South Central	3.8	3.7	4.3	2.5	4.2	3.3	3.6	3.3	3.8	5.3
Alabama	1.0	0.9	1.1	1.0	1.2	0.7	0.7	0.6	1.2	2.2
Kentucky	0.8	0.9	1.0	0.4	1.6	0.4	1.0	1.0	0.4	1.0
Mississippi	0.5	0.5	0.7	0.5	0.3	0.4	0.3	0.5	0.6	0.6
Tennessee	1.5	1.5	1.4	0.5	1.1	1.8	1.6	1.2	1.6	1.5
West South Central	7.8	7.3	7.9	8.8	6.8	7.7	6.9	6.5	9.2	9.5
Arkansas	0.5	0.5	0.7	S	S	0.4	0.4	0.6	0.3	0.7
Louisiana	0.9	0.9	1.2	0.8	1.0	0.7	0.9	0.9	0.6	1.6
Oklahoma	0.8	0.8	0.7	1.2	0.2	0.7	1.1	0.8	0.8	1.0
Texas	5.6	5.1	5.3	6.5	5.5	5.8	4.5	4.2	7.6	6.1
Mountain	6.6	6.4	6.0	5.6	5.7	8.0	6.1	5.8	7.7	5.3
Arizona	1.3	1.2	1.1	0.7	0.8	1.3	1.4	1.4	1.5	1.0
Colorado	2.1	2.1	1.8	2.0	1.9	2.7	2.2	1.7	1.9	1.8
Idaho	0.4	0.4	0.6	S	0.3	0.4	0.4	0.2	0.4	0.4
Montana	0.3	0.3	0.4	S	0.8	0.2	0.4	0.2	0.2	0.2
New Mexico	1.4	1.2	0.7	1.0	0.9	2.4	0.7	0.9	2.4	1.0
Nevada	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.4	S
Utah	0.7	0.7	0.8	0.7	0.4	0.5	0.7	1.0	0.8	0.6
Wyoming	0.1	0.1	0.2	S	0.2	0.1	S	0.1	0.1	S
Pacific	19.2	18.7	18.2	28.5	16.2	21.2	18.8	15.0	23.5	11.8
Alaska	0.2	0.2	0.3	S	S	0.3	0.1	0.3	0.1	S
California	14.6	13.9	12.7	22.9	12.9	16.7	14.7	10.4	19.1	8.1
Hawaii	0.5	0.6	0.7	S	0.4	0.5	0.4	0.8	0.2	0.4
Oregon	1.3	1.3	1.6	2.3	1.0	1.2	1.1	1.1	1.4	1.1
Washington	2.6	2.6	3.0	2.8	2.0	2.5	2.5	2.4	2.6	2.2
Puerto Rico	0.3	0.3	0.4	S	0.3	0.2	0.5	0.3	0.2	S
Other U.S. territories and other areas	0.1	0.1	0.2	S	S	0.1	0.1	0.3	0.1	0.2

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

NOTES: Because survey sample design does not include geography, the 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.