

TABLE 16

U.S. residing employed doctoral scientists and engineers, by employer location and broad field of doctorate: 2023

(Number and SE)

Employer location	All employed		Science																Engineering		Health	
			Total		Biological, agricultural, and environmental life sciences		Computer and information sciences		Mathematics and statistics		Physical sciences		Psychology		Social sciences							
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE				
All locations	908,700	2,300	667,950	2,050	235,050	1,175	36,350	550	38,500	600	141,800	1,125	112,100	900	104,100	875	196,750	1,300	44,000	600		
New England	86,300	1,450	65,850	1,150	26,900	725	2,650	250	3,700	300	14,500	600	8,650	500	9,450	425	16,450	775	3,950	350		
Connecticut	14,250	675	10,450	575	3,650	350	300	100	600	150	2,300	250	1,950	250	1,650	225	3,050	325	750	150		
Maine	2,800	250	2,450	250	600	125	D	D	150	50	500	125	650	175	500	100	250	125	50	50		
Massachusetts	59,700	1,425	45,150	1,100	20,200	675	2,050	225	2,500	300	10,400	575	4,450	375	5,550	400	11,700	725	2,850	300		
New Hampshire	3,800	350	3,050	325	1,150	175	150	75	100	50	500	125	700	175	500	125	550	100	150	50		
Rhode Island	3,550	325	2,900	275	750	150	100	50	200	100	550	125	550	125	750	150	500	125	100	50		
Vermont	2,200	275	1,800	250	550	100	D	D	100	50	350	100	350	100	450	150	400	125	S	S		
Middle Atlantic	122,250	1,925	94,700	1,525	30,300	950	5,000	400	6,700	425	19,300	800	17,500	600	15,950	700	22,150	875	5,400	350		
New Jersey	23,350	850	16,950	750	6,100	475	700	150	1,400	225	4,450	400	2,350	250	1,900	250	4,900	400	1,500	200		
New York	61,750	1,375	50,400	1,225	14,700	675	3,100	325	3,450	300	9,200	550	10,200	525	9,800	575	9,400	575	1,950	200		
Pennsylvania	37,150	1,000	27,400	825	9,500	525	1,200	200	1,850	275	5,700	400	4,950	350	4,200	325	7,850	500	1,900	200		
East North Central	103,650	1,725	75,900	1,400	26,300	875	3,300	325	5,050	375	16,350	650	13,100	625	11,750	525	21,850	775	5,850	375		
Illinois	30,150	875	22,600	775	6,650	425	1,300	225	1,550	225	5,150	350	4,200	375	3,700	325	6,000	425	1,550	200		
Indiana	13,550	675	9,850	500	3,450	250	600	150	850	150	2,050	250	1,200	175	1,700	250	2,900	300	800	175		
Michigan	22,000	850	14,900	700	5,100	400	700	150	750	125	2,850	300	2,950	300	2,500	250	6,000	475	1,100	175		
Ohio	25,350	950	18,550	750	6,900	475	550	150	1,250	225	4,400	375	3,300	350	2,150	250	5,150	400	1,600	200		
Wisconsin	12,600	525	10,000	450	4,200	325	150	50	600	125	1,900	250	1,450	175	1,700	225	1,850	250	800	125		
West North Central	48,650	1,000	37,450	900	15,150	625	950	175	2,000	250	6,250	450	7,250	450	5,800	400	8,400	450	2,850	250		
Iowa	6,600	450	4,950	400	2,200	275	250	125	350	100	950	200	600	125	700	125	1,300	250	350	100		
Kansas	5,000	375	4,250	350	1,450	225	150	75	300	75	450	125	1,000	150	850	175	500	125	300	75		
Minnesota	16,750	600	12,050	525	4,000	300	300	100	650	150	2,600	300	2,650	300	1,800	200	3,750	300	950	150		
Missouri	12,950	650	10,400	550	4,650	350	200	75	400	100	1,600	225	1,800	275	1,800	225	1,850	250	650	150		
Nebraska	4,100	325	3,200	275	1,700	225	50	25	150	50	250	75	650	125	400	125	500	125	350	100		
North Dakota	1,450	200	1,100	175	600	150	D	D	D	D	200	75	200	75	100	50	200	100	150	75		
South Dakota	1,850	250	1,450	225	650	175	D	D	100	50	150	75	350	125	200	75	300	100	100	50		
South Atlantic	173,350	2,050	133,100	1,950	48,150	950	5,850	425	7,300	425	25,450	875	20,550	675	25,800	725	29,800	875	10,400	475		
Delaware	4,050	325	3,250	300	1,000	200	D	D	200	75	1,150	175	500	125	350	100	600	125	200	75		
District of Columbia	19,500	625	16,100	575	3,300	325	300	75	550	125	2,600	275	1,750	225	7,650	450	2,400	250	1,000	200		
Florida	24,200	800	17,700	700	6,000	375	950	150	850	150	2,550	300	4,600	375	2,700	225	4,800	400	1,700	200		
Georgia	20,500	750	15,500	575	5,650	375	750	175	1,150	150	2,150	250	3,150	325	2,650	250	3,550	375	1,450	225		
Maryland	39,450	1,150	31,150	1,025	14,400	700	1,200	225	1,450	225	7,100	425	3,050	275	3,900	325	6,050	400	2,300	225		
North Carolina	27,700	875	21,000	775	8,950	475	950	200	1,450	175	3,450	300	3,400	350	2,850	250	4,600	350	2,050	275		
South Carolina	7,300	450	5,350	425	1,650	200	150	75	400	125	1,350	250	1,000	200	800	150	1,500	200	450	125		

TABLE 16

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Employer location	All employed		Science														Engineering		Health	
			Total		Biological, agricultural, and environmental life sciences		Computer and information sciences		Mathematics and statistics		Physical sciences		Psychology		Social sciences					
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE		
Virginia	28,300	875	21,200	725	6,300	400	1,500	225	1,300	150	4,750	350	2,850	275	4,450	300	5,950	525	1,150	175
West Virginia	2,350	275	1,850	250	900	175	D	D	D	D	300	100	250	125	350	100	350	125	150	75
East South Central	29,150	825	21,550	650	8,050	450	850	175	1,200	150	4,100	300	4,150	325	3,200	275	5,700	450	1,900	200
Alabama	8,250	450	5,900	425	2,250	200	200	75	500	125	1,050	175	1,100	200	800	150	1,800	250	500	100
Kentucky	6,000	500	4,650	400	1,950	300	150	75	250	75	700	125	800	175	750	125	900	200	450	100
Mississippi	3,150	250	2,350	200	1,050	150	S	S	50	25	350	100	400	100	500	100	550	125	250	75
Tennessee	11,750	550	8,650	450	2,750	250	450	150	450	100	2,000	225	1,800	225	1,200	150	2,400	275	700	125
West South Central	70,500	1,600	49,500	1,300	16,700	600	1,900	200	2,750	275	10,550	575	9,950	550	7,600	450	17,050	775	3,950	300
Arkansas	4,400	375	3,650	350	1,500	225	50	25	150	75	600	200	600	125	800	150	400	100	350	100
Louisiana	6,150	400	5,050	325	1,750	225	100	75	350	100	950	150	800	150	1,050	150	850	150	250	75
Oklahoma	5,350	425	4,100	350	1,650	225	50	50	150	50	950	200	750	175	550	100	950	175	300	75
Texas	54,600	1,450	36,700	1,125	11,800	575	1,650	175	2,150	250	8,100	525	7,750	500	5,200	400	14,900	750	3,050	275
Mountain	60,950	1,225	44,100	950	13,950	600	1,450	225	2,150	225	11,400	475	8,500	425	6,550	400	14,300	675	2,550	225
Arizona	13,650	625	9,400	525	2,500	250	350	100	400	75	2,300	225	2,000	250	1,850	250	3,800	450	400	100
Colorado	20,100	800	14,850	650	4,700	375	500	125	650	125	4,250	275	2,700	300	2,050	225	4,300	375	950	150
Idaho	3,400	300	2,500	225	1,200	200	D	D	100	50	500	100	450	125	200	75	850	175	D	D
Montana	2,600	225	2,250	225	1,100	150	D	D	100	50	450	100	250	75	300	75	250	100	100	50
Nevada	2,950	275	2,250	225	700	150	D	D	100	50	600	150	500	125	300	100	550	150	100	50
New Mexico	8,450	450	5,250	350	1,150	175	150	75	300	100	2,100	250	900	200	600	125	2,950	275	250	75
Utah	8,700	500	6,500	400	2,150	225	400	100	450	100	1,150	175	1,400	225	1,050	200	1,500	225	700	125
Wyoming	1,100	200	1,000	175	300	100	D	D	D	D	150	50	300	125	200	100	S	S	D	D
Pacific	207,350	2,025	140,600	1,900	47,950	1,050	14,150	625	7,350	400	32,800	1,000	21,250	725	17,100	650	59,850	1,100	6,900	425
Alaska	1,600	200	1,450	200	650	150	D	D	D	D	350	75	200	75	150	75	150	75	S	S
California	156,900	1,825	104,700	1,750	36,300	1,050	10,650	600	5,450	375	24,850	875	15,250	600	12,200	600	47,100	975	5,100	400
Hawaii	3,200	325	2,750	275	900	175	D	D	S	S	600	100	650	150	450	100	400	150	50	50
Oregon	16,250	700	10,500	525	3,450	325	400	100	350	100	2,800	300	1,850	200	1,650	225	5,200	450	550	100
Washington	29,400	875	21,200	725	6,700	350	2,950	325	1,400	200	4,200	400	3,300	375	2,650	275	7,000	475	1,200	200
Puerto Rico	2,800	250	2,250	225	550	100	*	*	50	25	500	100	900	175	250	75	450	150	S	S
U.S. territories and other areas	3,750	400	2,900	300	1,050	200	150	75	250	100	450	150	350	125	700	150	700	225	100	50

* = suppressed when population estimate < 25. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

SE = standard error.

Note(s):

Numbers are rounded to the nearest 50. Standard errors are rounded up to the nearest 25. Detail may not add to total because of rounding. Because survey sample design does not include geography, the reliability of estimates in some states may be poor due to small sample size. Residence location is based on reported living location on 1 February 2023.

Source(s):
National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2023.