TABLE 16

U.S. residing employed doctoral scientists and engineers, by employer location and broad field of doctorate: 2021

(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	Number	SE
All locations	872,100	2,425	647,300	2,000	226,850	1,275	33,600	425	36,600	575	137,050	1,025	113,500	825	99,700	1,000	183,100	1,325	41,650	525
New England	81,350	1,750	62,900	1,425	25,350	850	2,550	275	3,550	300	13,400	550	9,300	600	8,750	475	14,650	750	3,850	325
Connecticut	12,650	625	9,450	550	3,500	350	250	125	600	125	2,000	250	1,750	200	1,350	200	2,500	275	750	150
Maine	3,350	350	2,950	350	700	150	50	25	150	50	500	125	1,050	250	500	125	250	100	D	D
Massachusetts	55,450	1,375	42,350	1,150	18,550	725	2,100	250	2,450	250	9,450	500	4,700	400	5,150	350	10,500	600	2,650	275
New Hampshire	3,800	350	3,150	350	1,200	225	S	S	150	75	550	150	600	150	600	150	550	125	150	75
Rhode Island	3,650	375	3,050	325	900	175	S	S	200	75	500	150	750	200	650	125	500	150	100	50
Vermont	2,450	275	1,950	250	500	125	D	D	100	50	400	125	500	150	500	150	350	100	100	50
Middle Atlantic	117,150	1,750	91,650	1,500	29,600	1,025	4,350	375	6,550	425	18,350	650	16,900	575	15,950	600	19,850	775	5,600	450
New Jersey	22,250	775	16,850	675	5,800	400	650	125	1,350	200	4,650	425	2,650	250	1,750	225	4,250	400	1,100	150
New York	59,150	1,400	48,400	1,250	14,550	750	2,700	325	3,400	350	8,550	575	9,800	525	9,450	525	8,650	525	2,100	225
Pennsylvania	35,750	1,000	26,400	800	9,250	525	950	150	1,800	250	5,200	350	4,450	325	4,750	450	6,950	475	2,400	300
East North Central	101,700	1,550	75,200	1,425	26,900	850	2,850	300	4,450	375	16,350	750	13,550	550	11,150	500	20,700	875	5,750	350
Illinois	29,200	1,025	21,750	875	6,950	500	900	150	1,350	225	4,900	375	3,850	350	3,800	325	5,950	525	1,500	225
Indiana	13,100	675	9,750	600	4,150	375	500	125	550	125	1,750	225	1,500	225	1,250	175	2,600	350	800	175
Michigan	22,450	875	15,550	700	5,150	400	700	200	750	150	3,250	350	3,300	325	2,400	250	5,850	475	1,050	150
Ohio	24,800	850	18,650	800	6,850	475	350	100	1,250	225	4,650	375	3,300	275	2,250	200	4,550	400	1,600	200
Wisconsin	12,100	600	9,500	525	3,800	325	350	125	500	100	1,800	250	1,550	225	1,450	200	1,850	250	800	150
West North Central	48,800	1,175	37,500	1,075	15,400	725	1,300	225	2,050	175	6,150	425	6,900	450	5,700	425	8,250	450	3,050	300
Iowa	6,900	500	5,350	425	2,400	300	S	S	550	100	700	175	750	150	700	175	1,100	225	450	125
Kansas	5,350	400	4,500	350	1,700	275	200	100	300	75	600	175	900	150	850	175	550	125	300	75
Minnesota	16,950	700	12,150	650	4,200	375	500	175	550	125	2,600	275	2,550	300	1,800	250	3,600	325	1,150	200
Missouri	12,600	575	9,950	500	4,400	325	350	125	450	100	1,500	200	1,550	250	1,700	250	2,050	300	650	150
Nebraska	4,100	325	3,200	275	1,650	200	S	S	150	50	400	125	650	125	300	75	600	125	300	75
North Dakota	1,200	175	850	150	400	100	D	D	D	D	150	75	150	75	150	50	200	100	100	50
South Dakota	1,750	250	1,500	250	650	150	D	D	100	50	S	S	300	100	200	75	150	75	S	S
South Atlantic	167,250	1,950	128,250	1,575	44,100	975	5,150	350	6,500	350	25,400	850	22,600	800	24,450	825	29,500	900	9,550	400
Delaware	3,800	350	2,750	275	750	150	D	D	100	50	1,150	200	450	125	250	75	900	200	150	50
District of Columbia	18,500	750	15,550	700	3,150	325	300	75	500	125	2,350	300	1,950	225	7,300	475	2,250	300	700	125
Florida	24,950	750	18,050	600	5,550	425	850	150	900	150	2,900	300	5,000	375	2,900	300	5,200	400	1,700	225
Georgia	19,200	725	14,450	575	5,000	350	650	125	850	150	2,300	300	3,000	300	2,650	300	3,650	325	1,150	150
Maryland	38,000	1,125	29,200	925	12,550	600	1,250	200	1,350	175	7,200	500	3,550	350	3,300	300	6,500	425	2,300	275
North Carolina	27,800	900	21,500	725	8,800	450	750	175	1,200	200	3,600	325	4,050	350	3,100	325	4,350	400	1,950	225

TABLE 16

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(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	Number	SE
South Carolina	6,600	450	4,950	350	1,550	200	150	75	300	100	1,200	225	900	175	850	150	1,250	200	450	125
Virginia	26,200	875	20,200	750	6,000	400	1,200	200	1,250	200	4,400	350	3,550	400	3,800	300	4,950	350	1,050	150
West Virginia	2,200	225	1,600	175	750	100	D	D	100	50	300	100	150	75	350	100	450	150	150	50
East South Central	30,000	900	22,950	825	8,650	475	850	200	1,050	150	4,600	400	4,300	350	3,450	300	5,200	325	1,900	175
Alabama	8,750	475	6,400	425	2,200	250	250	125	350	100	1,250	200	1,450	225	850	150	1,750	250	600	100
Kentucky	6,000	425	4,850	375	1,750	225	200	100	250	75	900	175	1,000	200	800	150	700	150	450	100
Mississippi	3,550	300	2,700	250	1,400	225	S	S	S	S	400	125	250	75	550	125	550	100	350	75
Tennessee	11,700	625	9,000	550	3,300	350	350	150	400	100	2,050	275	1,650	200	1,250	175	2,200	250	550	100
West South Central	66,900	1,325	47,300	1,175	16,150	675	2,050	250	2,900	300	10,150	450	8,900	500	7,150	475	16,400	725	3,200	250
Arkansas	4,300	400	3,300	325	1,350	225	100	75	200	75	400	125	650	150	600	125	500	150	500	150
Louisiana	6,050	400	4,900	400	1,700	200	100	50	250	75	950	225	900	175	1,000	200	900	175	250	100
Oklahoma	5,150	375	3,900	325	1,800	225	50	25	150	50	600	125	650	125	650	150	950	175	300	75
Texas	51,350	1,275	35,200	1,075	11,250	600	1,750	250	2,300	300	8,200	425	6,700	500	4,950	375	14,000	625	2,150	225
Mountain	59,300	1,150	43,350	950	13,450	550	1,500	225	2,450	300	11,350	475	8,250	500	6,300	425	13,500	650	2,450	250
Arizona	12,650	550	8,850	425	2,200	225	300	100	500	125	2,400	250	1,650	200	1,800	250	3,400	325	400	100
Colorado	18,550	650	14,300	575	4,600	325	550	150	750	125	3,600	275	2,800	325	2,000	250	3,450	300	850	175
Idaho	3,250	325	2,350	250	1,150	200	D	D	100	50	600	150	300	100	200	75	800	150	50	25
Montana	2,900	300	2,400	275	1,100	150	D	D	S	S	500	150	300	75	300	100	350	150	150	50
Nevada	3,150	325	2,550	300	1,000	200	S	S	50	50	550	125	550	125	350	100	500	100	100	50
New Mexico	8,800	500	5,400	400	1,200	175	100	50	350	125	2,200	225	900	200	600	175	3,100	300	300	75
Utah	9,000	525	6,500	400	2,000	250	450	125	450	150	1,200	175	1,450	225	950	200	1,850	300	600	125
Wyoming	1,000	200	950	175	250	75	D	D	D	D	300	125	300	100	150	75	*	*	S	S
Pacific	193,000	2,200	133,500	1,925	46,100	1,075	12,750	575	6,850	425	30,150	850	21,700	750	15,900	725	53,550	1,175	5,950	350
Alaska	1,500	225	1,250	200	600	125	D	D	D	D	350	75	150	75	100	50	200	75	S	S
California	145,600	1,875	99,500	1,500	34,450	925	9,350	500	5,250	350	23,150	775	15,550	700	11,750	600	42,100	1,175	4,000	275
Hawaii	3,050	325	2,650	275	700	125	S	S	100	50	550	125	750	175	400	100	350	150	50	50
Oregon	15,300	550	10,050	450	3,450	300	650	150	400	100	2,500	250	1,800	225	1,250	200	4,600	350	600	150
Washington	27,550	1,025	20,050	800	6,900	425	2,600	300	1,100	175	3,600	275	3,450	350	2,400	275	6,250	500	1,200	200
Puerto Rico	2,700	275	2,100	225	500	100	S	S	50	25	400	75	850	150	200	50	550	150	S	S
U.S. territories and other areas	3,950	325	2,650	275	750	150	200	100	150	75	650	150	250	75	650	175	1,050	225	250	100

* = 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 2021.

Source(s):
National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2021.