TABLE 46

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

(Number and SE)

Employer location	All employed		Science occupations														Engineering occupations		S&E-related occupations		Non-S&E occupations	
			Total		Biological, agricultural, and other life scientists		Computer and information scientists		Mathematical scientists		Physical scientists		Psychologists		Social scientists							
	Number	SE	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	502,250	2,725	160,850	1,700	65,450	1,025	43,950	875	85,100	1,375	78,400	1,025	68,450	1,150	122,800	1,575	100,450	1,525	146,600	1,825
New England	81,350	1,750	47,900	1,275	18,650	775	6,300	425	4,000	300	6,250	375	6,750	525	5,950	475	8,950	600	9,950	500	14,550	700
Connecticut	12,650	625	7,200	500	2,450	325	600	175	550	150	1,300	175	1,200	175	1,050	200	1,850	275	1,500	225	2,100	250
Maine	3,350	350	2,300	300	550	125	50	50	150	50	350	100	850	250	300	75	250	100	250	125	550	125
Massachusetts	55,450	1,375	32,500	975	14,100	650	5,300	425	2,950	250	3,750	300	3,300	350	3,150	325	5,800	475	7,150	475	10,050	575
New Hampshire	3,800	350	1,950	225	600	150	50	50	150	75	300	100	350	100	450	100	500	125	350	100	1,000	225
Rhode Island	3,650	375	2,400	300	550	150	150	50	200	75	350	125	650	200	500	125	350	125	500	125	400	100
Vermont	2,450	275	1,600	225	400	100	150	75	50	50	150	75	400	125	450	150	250	100	100	50	450	100
Middle Atlantic	117,150	1,750	70,800	1,350	20,900	850	8,200	450	8,350	500	10,350	500	12,300	550	10,700	550	11,800	625	13,000	700	21,550	800
New Jersey	22,250	775	13,200	600	4,250	400	1,750	275	1,800	250	2,450	275	1,700	225	1,250	200	2,600	300	2,100	275	4,350	350
New York	59,150	1,400	36,250	1,150	9,300	575	4,550	350	4,200	425	4,450	375	7,500	475	6,300	425	5,000	400	6,500	500	11,400	625
Pennsylvania	35,750	1,000	21,350	725	7,300	475	1,950	200	2,400	300	3,450	350	3,100	300	3,150	325	4,200	375	4,400	425	5,800	400
East North Central	101,700	1,550	57,350	1,225	17,750	750	5,500	400	5,500	400	11,300	550	9,350	450	7,900	400	14,650	725	12,900	675	16,800	650
Illinois	29,200	1,025	16,850	675	4,550	400	1,900	225	1,750	250	3,350	300	2,600	300	2,750	275	3,450	400	3,200	325	5,700	375
Indiana	13,100	675	7,550	525	3,050	325	750	175	650	150	1,350	200	950	175	800	150	1,800	275	1,450	225	2,250	275
Michigan	22,450	875	12,200	550	3,550	350	1,400	225	950	175	2,350	275	2,300	275	1,700	225	4,450	400	2,800	325	3,000	275
Ohio	24,800	850	13,550	700	4,050	350	700	125	1,500	250	3,150	325	2,650	300	1,550	175	3,700	400	3,750	375	3,750	350
Wisconsin	12,100	600	7,150	450	2,600	275	750	150	650	125	1,200	175	900	200	1,100	175	1,200	200	1,650	250	2,050	250
West North Central	48,800	1,175	29,650	950	11,700	575	2,200	250	2,350	275	4,750	375	4,650	400	4,000	375	6,050	450	5,400	350	7,700	500
Iowa	6,900	500	4,250	375	1,900	275	300	100	650	150	500	125	450	100	500	100	850	200	800	150	950	150
Kansas	5,350	400	3,800	325	1,250	175	200	75	300	100	700	200	650	125	700	150	350	100	300	100	900	150
Minnesota	16,950	700	9,750	550	3,400	300	900	175	650	175	1,800	225	1,700	250	1,300	200	2,650	300	1,800	225	2,700	325
Missouri	12,600	575	7,550	450	3,100	275	650	150	500	100	1,100	175	1,200	225	1,000	200	1,500	250	1,450	200	2,100	275
Nebraska	4,100	325	2,500	250	1,200	175	150	75	100	50	400	125	400	100	250	75	400	100	550	125	650	150
North Dakota	1,200	175	750	125	300	100	D	D	D	D	150	75	100	75	100	50	200	75	150	75	150	75
South Dakota	1,750	250	1,100	200	550	175	D	D	S	S	100	50	150	75	150	75	100	50	300	100	250	75
South Atlantic	167,250	1,950	98,300	1,650	32,050	950	8,850	475	8,500	450	17,200	675	14,950	725	16,750	650	19,250	800	19,300	700	30,450	875
Delaware	3,800	350	2,200	250	800	150	100	50	150	75	750	150	300	125	S	S	600	150	350	125	700	150
District of Columbia	18,500	750	11,400	600	2,150	275	400	100	750	150	1,650	250	1,100	200	5,350	375	1,200	225	1,250	175	4,600	350
Florida	24,950	750	13,150	500	3,750	275	1,300	200	1,350	225	1,900	225	3,200	300	1,600	175	3,350	350	3,650	350	4,850	400
Georgia	19,200	725	11,300	525	3,800	300	1,200	200	950	150	1,750	250	1,950	250	1,750	200	2,100	275	2,500	250	3,300	350
Maryland	38,000	1,125	23,550	850	10,250	550	2,000	250	1,700	200	4,850	375	2,400	325	2,350	275	4,400	375	4,450	375	5,600	425

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(Number and SE)

Employer location	All employed		Science occupations																	
			Total		Biological, agricultural, and other life scientists		Computer and information scientists		Mathematical scientists		Physical scientists		Psychologists		Social scientists		Engineering occupations		S&E-related occupations		Non-S&E occupations	
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
North Carolina	27,800	900	16,700	600	6,000	425	1,550	250	1,600	200	2,300	275	2,850	325	2,350	250	2,700	275	3,300	300	5,100	400
South Carolina	6,600	450	4,000	325	1,050	175	200	75	300	100	1,150	200	700	150	600	125	950	175	850	175	850	125
Virginia	26,200	875	14,850	675	3,750	325	2,100	250	1,600	200	2,750	250	2,350	350	2,350	225	3,600	325	2,550	275	5,200	400
West Virginia	2,200	225	1,150	175	500	100	D	D	100	50	150	50	S	S	300	100	400	150	350	100	350	100
East South Central	30,000	900	18,200	750	6,400	450	1,200	225	1,500	200	3,700	350	3,300	325	2,150	200	3,750	325	3,950	300	4,100	325
Alabama	8,750	475	5,150	375	1,700	250	450	150	400	100	850	150	1,100	200	600	125	1,350	225	1,050	125	1,200	200
Kentucky	6,000	425	3,750	350	1,250	200	100	50	350	100	800	175	800	175	500	100	500	125	800	150	900	175
Mississippi	3,550	300	2,100	250	950	200	50	50	100	50	400	125	200	75	350	100	450	125	650	125	350	75
Tennessee	11,700	625	7,150	475	2,500	325	550	150	650	125	1,600	225	1,250	200	650	125	1,450	200	1,450	225	1,650	200
West South Central	66,900	1,325	36,000	1,075	11,400	600	3,550	325	3,500	350	6,900	400	5,900	425	4,800	400	11,950	625	7,850	500	11,050	500
Arkansas	4,300	400	2,750	300	1,050	200	250	100	250	100	300	100	450	125	450	125	300	100	600	150	600	125
Louisiana	6,050	400	3,650	350	1,300	200	50	25	250	75	850	175	600	150	600	175	800	150	550	125	1,050	200
Oklahoma	5,150	375	2,950	275	1,250	200	S	S	150	50	500	100	550	125	400	125	750	175	650	125	850	150
Texas	51,350	1,275	26,700	975	7,800	525	3,150	325	2,850	325	5,250	350	4,300	425	3,350	325	10,100	525	6,050	450	8,550	425
Mountain	59,300	1,150	33,300	850	9,500	500	3,050	300	2,600	275	8,150	450	5,300	450	4,650	375	10,300	550	6,650	475	9,050	500
Arizona	12,650	550	6,150	375	1,600	225	550	125	650	150	1,250	150	850	150	1,250	200	2,800	325	1,300	175	2,400	300
Colorado	18,550	650	11,150	550	3,100	300	1,050	150	700	150	2,750	225	2,050	300	1,500	200	2,250	250	2,500	325	2,650	250
Idaho	3,250	325	1,600	200	600	125	50	50	100	50	450	125	150	75	200	75	800	150	400	125	450	125
Montana	2,900	300	1,850	250	900	150	D	D	S	S	350	125	200	75	250	75	250	100	350	75	450	125
Nevada	3,150	325	2,000	250	600	150	150	75	100	50	450	125	400	125	350	100	250	75	400	125	500	125
New Mexico	8,800	500	4,500	325	950	175	450	150	350	100	1,800	200	600	150	350	150	2,600	300	800	200	900	150
Utah	9,000	525	5,200	375	1,600	250	700	175	450	125	900	150	850	150	700	175	1,300	250	900	150	1,550	225
Wyoming	1,000	200	800	175	150	50	D	D	D	D	300	125	200	100	150	75	D	D	50	25	150	75
Pacific	193,000	2,200	107,300	1,825	31,500	875	26,250	800	7,450	475	15,950	700	15,250	675	10,900	525	34,950	1,075	21,000	875	29,700	1,000
Alaska	1,500	225	1,000	175	400	100	D	D	S	S	250	75	S	S	100	50	150	75	150	75	150	75
California	145,600	1,875	79,850	1,525	23,200	800	20,150	700	5,250	375	12,250	600	11,100	600	7,900	475	26,400	1,000	16,050	725	23,250	875
Hawaii	3,050	325	2,050	250	500	100	S	S	100	50	350	75	400	150	550	125	400	150	200	50	450	125
Oregon	15,300	550	7,500	450	2,500	275	1,350	200	500	150	1,000	175	1,250	200	900	125	4,450	325	1,500	225	1,850	225
Washington	27,550	1,025	16,950	725	4,950	375	4,600	400	1,450	225	2,100	275	2,400	300	1,450	200	3,550	350	3,050	350	4,000	350
Puerto Rico	2,700	275	1,600	200	500	100	S	S	50	25	250	75	500	125	150	75	400	125	100	50	600	150
U.S. territories and other areas	3,950	325	1,800	225	550	125	200	75	150	75	300	100	150	75	450	150	650	175	400	150	1,100	225

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering; 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, 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.