TABLE 30

U.S. residing doctoral scientists and engineers, by broad occupation, employment status, and sex: 2021

(Number and SE)

Occupation and employment status	Total		Male		Female	
	Number	SE	Number	SE	Number	SE
All occupations	1,021,950	1,950	639,450	1,975	382,500	1,050
Full time	779,600	2,425	496,950	2,175	282,650	1,275
Part time	92,500	1,375	46,650	1,025	45,850	950
Unemployed[a]	16,600	750	10,300	600	6,350	425
Retired	114,750	1,525	79,200	1,350	35,550	825
Not employed or not seeking work[b]	18,500	700	6,450	450	12,100	550
Science occupations	585,800	2,750	355,250	2,300	230,550	1,600
Full time	447,950	2,700	275,800	2,200	172,100	1,525
Part time	54,300	1,025	25,900	850	28,400	800
Unemployed[a]	8,150	550	5,100	450	3,050	325
Retired	63,650	1,200	44,700	1,075	18,950	600
Not employed or not seeking work[b]	11,750	600	3,800	350	7,950	500
Biological, agricultural, and other life scientists	186,900	1,825	106,500	1,475	80,400	1,050
Full time	149,850	1,700	84,700	1,350	65,150	1,000
Part time	11,000	575	5,850	400	5,150	375
Unemployed[a]	2,550	275	1,450	200	1,100	200
Retired	19,300	700	13,300	600	6,000	350
Not employed or not seeking work[b]	4,200	350	1,200	200	2,950	300
Computer and information scientists	74,150	1,025	60,150	1,025	14,000	450
Full time	62,000	1,000	50,650	1,050	11,350	425
Part time	3,450	300	2,600	275	850	150
Unemployed[a]	1,250	275	1,050	250	200	50
Retired	6,150	425	5,200	425	950	125
Not employed or not seeking work[b]	1,300	250	650	175	650	150
Mathematical scientists	49,750	950	35,300	850	14,450	500
Full time	41,000	850	29,400	775	11,650	425
Part time	2,950	300	2,000	250	950	150
Unemployed[a]	600	125	400	100	200	75
Retired	4,250	375	3,100	300	1,150	175
Not employed or not seeking work[b]	900	200	400	150	500	125
Physical scientists	101,300	1,425	75,150	1,275	26,150	650
Full time	78,300	1,350	57,350	1,200	20,950	650
Part time	6,800	400	4,800	350	2,000	225
Unemployed[a]	1,450	225	1,050	200	450	100
Retired	13,050	525	11,250	525	1,800	200
Not employed or not seeking work[b]	1,650	200	700	150	950	150
Psychologists	92,550	950	34,000	775	58,550	850
Full time	56,000	1,025	20,750	775	35,300	800
Part time	22,400	750	6,800	475	15,600	650
Unemployed[a]	900	150	400	100	500	125
Retired	10,850	550	5,600	425	5,200	375
Not employed or not seeking work[b]	2,400	325	450	150	1,950	300
Social scientists	81,200	1,225	44,200	975	37,000	800
Full time	60,750	1,000	33,000	850	27,750	650
Part time	7,700	475	3,900	375	3,850	275
Unemployed[a]	1,400	225	800	200	600	150
Retired	10,050	550	6,150	425	3,850	325
Not employed or not seeking work[b]	1,300	225	400	125	950	200

TABLE 30

U.S. residing doctoral scientists and engineers, by broad occupation, employment status, and sex: 2021

(Number and SE)

Occupation and employment status	Total		Male		Female	
	Number	SE	Number	SE	Number	SE
Engineering occupations	138,100	1,575	115,050	1,525	23,050	650
Full time	116,050	1,525	96,100	1,500	19,950	625
Part time	6,750	475	5,600	450	1,150	125
Unemployed[a]	2,150	275	1,700	250	450	125
Retired	11,850	600	11,000	575	850	150
Not employed or not seeking work[b]	1,250	200	650	150	650	125
S&E-related occupations	119,200	1,700	66,750	1,350	52,450	1,100
Full time	91,200	1,425	52,900	1,100	38,300	975
Part time	9,300	600	3,950	400	5,300	400
Unemployed[a]	2,000	225	1,050	200	950	150
Retired	14,650	675	7,950	475	6,750	425
Not employed or not seeking work[b]	2,050	300	900	200	1,150	200
Non-S&E occupations	178,900	1,950	102,450	1,550	76,450	1,075
Full time	124,450	1,825	72,100	1,525	52,300	900
Part time	22,200	750	11,200	550	10,950	550
Unemployed[a]	4,300	400	2,450	275	1,850	250
Retired	24,600	850	15,550	700	9,000	425
Not employed or not seeking work[b]	3,450	275	1,100	150	2,300	250

S&E = science and engineering; SE = standard error.

[a] Unemployed includes individuals who were not working during the survey reference week but had been seeking work in the prior 4 weeks or who were on layoff from their job.

[b] Not employed or not seeking work includes individuals who were not working during the survey reference week and had not been seeking work in the prior 4 weeks because of family responsibilities, chronic illness, or other reasons.

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. If respondent was not employed during survey reference period, occupation when last employed was reported. Excludes individuals who reported never having worked so could not be classified by occupation. Designation of full-time and part-time employment status is based on principal job only, not on all jobs held in labor force. For example, an individual could work part time in his or her principal job but full time in the labor force. Full time is based on working 35 or more hours per week. 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.