TABLE 26-2

U.S. residing employed doctoral scientists and engineers, by selected demographic and employment-related characteristics, primary work activity, and sector of employment: 2021

(Number and SE)

Primary work activity	All employed		4-year educational institution[a]		Other educational institution[b]		Private, for profit[c]		Private, nonprofit		Federal government		State or local government		Self-employed[d]		Other[e]	
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
Doctorate recipients	872,100	2,425	340,950	2,450	27,800	825	320,850	2,625	60,200	1,300	52,700	1,250	19,650	750	42,650	1,075	7,300	425
Any R&D	333,250	2,225	136,300	1,475	1,350	225	127,700	1,800	26,250	775	23,200	800	6,950	425	8,100	500	3,350	300
Basic research	92,050	1,500	71,850	1,375	300	100	4,950	350	7,300	400	5,550	475	1,050	200	700	175	400	125
Applied research	174,150	2,025	60,800	1,050	800	150	67,900	1,450	16,650	650	15,750	600	4,950	375	5,250	400	1,950	250
Experimental development	67,050	1,250	3,650	350	250	125	54,850	1,150	2,300	225	1,900	225	950	225	2,150	250	1,000	200
Computer applications	44,800	1,150	3,250	275	150	75	35,350	1,025	1,750	225	1,550	225	850	150	1,400	250	500	150
Design	24,850	900	1,450	200	100	50	19,550	825	1,250	175	950	150	450	125	700	150	400	100
Management, sales, or administration[f]	171,700	2,175	43,700	975	3,000	300	81,650	1,575	14,800	650	15,400	625	6,400	450	5,200	425	1,600	200
Professional services	98,900	1,575	13,300	625	2,500	250	39,100	1,225	11,550	575	6,050	400	3,150	350	22,400	800	900	150
Teaching	159,750	1,825	133,900	1,725	19,600	700	2,600	275	1,100	200	550	175	150	50	1,800	250	S	S
Other work activities[g]	38,850	1,150	9,050	525	1,150	200	14,900	700	3,450	325	5,000	375	1,800	225	3,050	375	500	125

S = suppressed for reliability; coefficient of variation exceeds publication standards.

SE = standard error.

[a] Includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes.
[b] Includes 2-year colleges, community colleges, or technical institutes, and other precollege institutions.
[c] Includes those self-employed in an incorporated business.
[d] Self-employed or business owner in a nonincorporated business.
[e] Includes employers not broken out separately.
[f] Administration includes accounting, finance, contracts, and human resources.
[g] Includes production, operations, maintenance, and other activities not broken out separately.

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. 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.