

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: 2023**

(Number and SE)

Primary work activity	All employed		4-year educational institution <sup>a</sup>		Other educational institution <sup>b</sup>		Private, for profit <sup>c</sup>		Private, nonprofit		Federal government		State or local government		Self-employed <sup>d</sup>		Other <sup>e</sup>	
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
Doctorate recipients	908,700	2,300	341,350	2,475	26,750	875	362,800	2,800	64,400	1,175	58,600	1,250	18,700	725	33,600	1,000	2,450	275
Any R&D	355,450	2,700	140,000	1,700	1,200	200	144,650	1,925	27,500	825	27,450	800	5,850	375	7,700	500	1,150	175
Basic research	91,150	1,400	70,700	1,350	250	75	5,550	425	7,750	450	5,300	375	850	175	600	125	150	75
Applied research	187,350	2,350	64,600	1,325	750	200	75,750	1,500	17,000	675	19,300	650	4,300	325	4,850	400	800	150
Experimental development	76,950	1,400	4,650	375	250	75	63,350	1,300	2,750	250	2,850	300	700	150	2,200	275	200	100
Computer applications	53,200	1,225	3,600	275	100	50	43,250	1,175	2,150	250	2,000	225	950	175	1,150	225	D	D
Design	28,350	1,000	1,650	225	100	25	22,200	900	1,650	250	1,350	200	600	200	850	200	D	D
Management, sales, or administration <sup>f</sup>	185,550	1,975	47,400	975	3,700	300	90,750	1,525	16,050	625	16,250	625	6,550	425	4,200	350	650	150
Professional services	90,900	1,650	11,400	575	2,000	250	41,850	1,175	11,800	600	6,000	450	2,650	350	14,950	675	300	100
Teaching	153,800	1,875	127,900	1,725	18,600	725	3,050	300	1,600	225	650	200	300	75	1,650	225	D	D
Other work activities <sup>g</sup>	41,400	1,025	9,400	525	1,050	175	17,100	675	3,650	350	4,950	325	1,850	225	3,150	325	250	125

D = suppressed to avoid disclosure of confidential information.

SE = standard error.

<sup>a</sup> Four-year educational institution includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes.

<sup>b</sup> Other educational institution includes 2-year colleges, community colleges, technical institutes, precollege institutions, and other educational institutions.

<sup>c</sup> Private, for profit includes those self-employed in an incorporated business.

<sup>d</sup> Self-employed or business owner in a nonincorporated business.

<sup>e</sup> Other sector includes employers not broken out separately.

<sup>f</sup> Administration includes accounting, finance, contracts, and human resources.

<sup>g</sup> Other work activities include 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 2023.

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