Table 2. Probability of the primary work activity being the same as a specific work activity, given that the individual is performing the specific activity

(Percent)

Work activity	Conditional probability for primary working activity		
	Reported	Imputed	
		Existing approach	Proposed approach
01: Accounting, finance, contracts	4.19	3.00	8.02
02: Basic research	26.06	23.71	24.74
03: Applied research	34.19	39.18	32.16
04: Development	18.30	16.33	20.83
05: Design of equipment, processes, structures, models	8.54	5.73	9.35
06: Computer programming, systems/applications, development	17.78	14.36	17.40
07: Employee relations (recruiting, personnel development, training)	3.08	2.92	6.13
08: Managing or supervising people or projects	24.11	39.68	26.32
09: Production, operations, maintenance (e.g., truck driver)	9.21	3.78	16.58
10: Professional services	42.29	27.09	42.57
11: Sales, purchasing, marketing	11.39	7.24	15.20
12: Quality or productivity management	5.77	3.80	7.53
13: Teaching	42.31	44.54	44.45
14: Other work activity	24.08	14.34	27.57

Note(s):
Survey respondents mark Yes or No for each work activity. Among the reported work activities, one is reported as the primary work activity. When an individual is engaged in a particular work activity (reported or imputed), the probability of the primary work activities being imputed to that same activity can be estimated and presented in the table as the conditional probability.

Source(s):
National Center for Science and Engineering Statistics, Survey of Doctorate Recipients: Longitudinal Data: 2015–19.