

TABLE 9

Estimated demographic composition of job importance classes: 2017

(Percent)

Characteristic	Proportions										
	Class 1		Class 2		Class 3		Class 4		Class 5		Population
Gender											
Male	0.613		0.661	a	0.684	b	0.724		0.680	ab	0.663
Female	0.387		0.339	a	0.316	b	0.276		0.320	ab	0.337
Physical disability											
No	0.916	a	0.910	a	0.888	b	0.890	b	0.859		0.899
Yes	0.084	a	0.090	a	0.112	b	0.110	b	0.141		0.101
Race or ethnicity											
Asian	0.275	a	0.220		0.266	a	0.358		0.133		0.256
Black	0.059		0.017	a	0.038		0.013	a	0.020	a	0.034
Hispanic	0.068		0.041		0.050		0.031	a	0.026	a	0.048
White	0.582	a	0.707		0.631		0.586	a	0.809		0.647
Other	0.016	a	0.015	a	0.016	a	0.011	a	0.012	a	0.015
Age											
< 30	0.008	ab	0.006	ac	0.011	bd	0.009	ad	0.003	c	0.008
30–39	0.232	a	0.201	b	0.249	a	0.224	ab	0.053		0.212
40–49	0.259	a	0.215		0.273	a	0.246	a	0.094		0.235
50–59	0.232	a	0.236	a	0.232	a	0.242	a	0.152		0.227
60–69	0.202	a	0.231		0.172	b	0.179	ab	0.362		0.213
≥ 70	0.067	a	0.111	b	0.062	a	0.099	b	0.336		0.104
Years since first PhD											
< 7 (2010 or later)	0.212	a	0.170		0.229	a	0.215	a	0.050		0.192
8–17 (2000–09)	0.301	a	0.257	b	0.321	a	0.273	b	0.118		0.275
18–27 (1990–99)	0.247	ab	0.253	b	0.228	a	0.251	ab	0.198		0.240
28–37 (1980–89)	0.155	a	0.181		0.139	a	0.149	a	0.265		0.166
38–47 (1970–79)	0.080	a	0.127		0.078	a	0.102		0.334		0.116
> 47 (prior to 1970)	0.006	a	0.012	b	0.006	a	0.010	ab	0.035		0.010
Degree focus											
Science	0.749	a	0.762	a	0.747	a	0.740	a	0.797		0.755
Engineering	0.190	a	0.201	ab	0.211	bc	0.232	c	0.163		0.201
Health	0.061		0.037	ab	0.043	a	0.029	b	0.040	ab	0.044
Living in the United States											
No	0.110	a	0.150	b	0.100	a	0.164	b	0.097	a	0.123
Yes	0.890	a	0.850	b	0.900	a	0.836	b	0.903	a	0.877
Workforce status											
Employed	0.921		0.854		0.884		0.815		0.567		0.851
Unemployed	0.011	a	0.012	a	0.015	a	0.024		0.048		0.017
Not in the workforce	0.067		0.134		0.101		0.161		0.385		0.132
Employment sector											
Education	0.397	a	0.405	a	0.405	a	0.397	a	0.419	a	0.457
Government	0.082	a	0.091	a	0.085	a	0.076	ab	0.064	b	0.094
Business or industry	0.522	a	0.504	a	0.510	a	0.527	a	0.516	a	0.449

Note(s):

Class proportions in a row that do not share a letter are statistically different at the 0.005 level. Population proportions are provided for reference only. Class 1: Everything Is Very Important, Class 2: Challenge Is More Important than Salary, Class 3: Benefits Are More Important than Responsibility, Class 4: Everything Is Somewhat Important, Class 5: Advancement Is Unimportant.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2017.