

TABLE 6-7

Scholarly productivity of early career doctorates, by position type, employment setting, and position characteristics: 2017

(Percent)

Selected characteristic	Number of early career doctorates	Published papers in conference proceedings	Authored or co-authored conference papers	Submitted articles for publication in a peer-reviewed journal	Published books or book chapters	Mentored or supervised students	Taught courses	Named as an inventor on a patent application	Provided service to department, institution, or professional society
Percentage of early career doctorates in first position	89,500	53.5	79.6	84.3	34.9	86.4	79.0	6.4	87.7
Not the first position	97,300	58.5	85.3	90.3	43.0	91.8	85.8	8.7	92.6
Position related to doctoral degree									
Closely	146,800	57.6	85.0	89.2	41.9	90.2	84.9	7.3	92.1
Somewhat	36,200	52.2	75.1	82.2	30.0	86.8	74.6	9.2	84.5
Not at all	3,700	37.7	60.2	65.9	20.3	72.9	67.6	7.3	73.4
Hours worked per week									
Less than 35 hours	16,300	41.9	65.4	66.2	32.7	84.2	94.5	2.5	80.3
35–44 hours	59,600	56.0	81.5	86.6	34.4	84.3	76.2	7.8	88.3
45–54 hours	62,400	56.1	84.9	89.9	40.2	91.8	82.5	7.1	91.9
55 hours or more	48,500	61.1	86.7	92.3	45.8	93.7	86.4	9.9	93.9

FFRDC = federally funded research and development center.

^a Other faculty, no rank or tenure, positions includes all other faculty positions such as instructors, lecturers, and adjuncts. Postdoctoral scholar positions are temporary positions in academe, industry, government, or a nonprofit organization primarily for gaining additional education and training in research. Other positions are diverse but are typically university administrators and staff.

^b Academic institutions include U.S. academic institutions in the Survey of Graduate Students and Postdoctorates in Science and Engineering that grant master's and doctorate degrees in science, engineering, and health-related fields.

Note(s):

Counts are rounded to the nearest 100. Percentages are calculated from unrounded counts and rounded to the nearest 10th of a percent. Details may not add to totals because of rounding.

Source(s):

National Center for Science and Engineering Statistics, Early Career Doctorates Survey, 2017.