

TABLE 6-8

**Scholarly productivity of early career doctorates, by demographic 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
All early career doctorates	186,700	56.1	82.6	87.4	39.2	89.2	82.5	7.6	90.3
Sex									
Female	89,400	51.2	83.5	85.3	40.5	91.0	87.1	3.7	91.8
Male	97,300	60.6	81.7	89.3	37.9	87.6	78.3	11.3	88.9
Citizenship and sex									
U.S. citizen or permanent resident	156,100	55.1	83.1	86.2	41.7	91.3	87.2	6.5	92.5
Female	79,900	50.4	83.6	84.3	42.4	92.3	90.0	3.1	93.2
Male	76,300	60.0	82.7	88.2	40.9	90.4	84.4	10.2	91.7
Temporary visa holder	30,600	61.3	79.9	93.5	26.4	78.4	58.6	13.2	79.1
Female	9,600	57.7	83.0	93.5	25.0	80.4	63.2	8.7	80.3
Male	21,000	63.0	78.4	93.6	27.0	77.5	56.5	15.3	78.5
Ethnicity and race									
Hispanic or Latino	13,600	55.3	81.4	88.0	43.1	90.4	81.6	6.7	89.3
Not Hispanic or Latino									
Asian	37,600	65.7	83.6	93.0	29.7	81.3	68.1	15.3	82.6
Black or African American	10,100	48.1	78.7	78.0	44.9	88.5	90.1	2.0	89.3
White	120,800	53.9	82.6	86.5	41.0	91.5	86.3	6.0	92.9
Other race and ethnicity	4,700	56.5	86.6	84.7	42.6	91.3	87.1	3.8	89.7
Age quartile									
32 years and under	38,400	51.0	77.4	90.1	24.2	85.0	65.1	11.4	83.7
33–35 year	51,100	55.8	85.7	91.7	37.9	90.5	81.9	9.8	90.4
36–40 years	41,900	59.3	88.2	90.6	48.9	90.8	87.0	7.4	93.0
41 years or older	55,300	57.5	79.1	79.2	43.3	89.8	91.9	3.1	92.6
Marital status									
Never married	29,500	52.4	81.3	89.4	31.3	88.3	74.7	6.7	86.3
Married	135,400	57.3	83.4	87.8	40.2	88.8	83.7	8.1	91.0
Marriage-like relationship	11,500	48.3	80.5	87.1	41.4	94.6	83.5	6.0	89.9
Separated, divorced, widowed	10,300	60.6	77.4	76.5	45.0	92.0	88.6	5.9	92.0
Dependents									
With dependents	96,800	59.2	84.8	87.4	42.8	89.2	86.3	8.1	91.8

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Without dependents	90,000	52.8	80.2	87.4	35.3	89.3	78.6	7.1	88.6
Disability status									
With disability	51,700	54.9	81.6	84.7	39.9	90.0	86.0	5.8	91.1
Without disability	135,000	56.6	82.9	88.4	38.9	88.9	81.2	8.3	89.9

**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.