

TABLE 48

**Median expected basic annual salary for doctorate recipients with definite postgraduation plans in the United States, by field of study, type of postgraduation plans, and sex: 2018**

(Dollars)

Field of study	Total <sup>a</sup>		Employment			Postdoctoral study		
	Male	Female	Total	Male	Female	Total	Male	Female
All fields	65,000	58,000	80,000	90,000	70,000	48,500	50,000	48,000
Science and engineering	66,605	55,500	90,000	98,000	78,000	48,435	50,000	48,000
Life sciences	50,000	50,000	78,000	80,000	75,000	48,000	48,000	48,000
Agricultural sciences and natural resources	52,000	50,000	70,000	75,000	65,000	48,000	48,000	47,500
Biological and biomedical sciences	50,000	50,000	78,000	85,000	72,000	48,000	48,000	48,000
Health sciences	60,000	66,000	80,000	82,000	80,000	48,000	48,000	49,000
Physical sciences and earth sciences	60,000	59,080	90,000	97,000	80,000	50,000	50,000	50,000
Chemistry	50,000	56,000	85,000	90,000	80,000	48,000	48,000	48,000
Geosciences, atmospheric sciences, and ocean sciences	55,000	56,000	70,000	80,000	66,000	52,000	50,273	53,000
Physics and astronomy	67,800	64,000	103,820	102,350	105,000	55,000	54,000	56,000
Mathematics and computer sciences	90,000	82,500	113,000	115,000	102,500	60,000	60,000	60,000
Psychology and social sciences	62,500	53,000	70,000	75,000	66,500	47,700	48,000	47,500
Psychology	50,000	48,000	66,000	68,000	65,000	47,400	47,484	47,000
Economics	105,500	92,000	110,000	114,500	100,000	65,000	65,000	65,000
Social sciences <sup>b</sup>	60,000	60,000	64,500	65,000	63,000	50,000	50,000	50,000
Engineering	88,200	80,000	100,000	102,000	98,000	50,000	50,000	50,000
Non-science and engineering	63,000	60,000	65,000	66,500	64,000	50,000	50,000	49,000
Education	70,000	65,000	68,000	70,000	66,500	50,000	50,000	50,000
Humanities and arts	50,000	50,252	53,000	52,750	53,000	47,000	47,000	47,000
Business management and administration	125,000	120,000	125,000	125,000	122,488	65,000	65,000	65,000
Other non-S&E fields <sup>c</sup>	64,000	63,000	65,000	65,000	65,000	50,000	50,000	50,000

S&amp;E = science and engineering.

<sup>a</sup> Includes doctorate recipients who did not report type of postgraduation plan.<sup>b</sup> Excludes economics, which is usually included within social sciences.<sup>c</sup> Excludes business management and administration, which is usually included within other non-S&E fields.**Note(s)**

Basic annual salary is based on the job or postdoctoral study expected to hold in the next year. Median salaries in this table are the exact salary values of respondents at the 50th percentile of their frequency distribution; salary values are rounded to the nearest dollar. See table A-6 in the technical notes for a listing of major fields and their constituent subfields.

**Source(s)**

National Center for Science and Engineering Statistics, Survey of Earned Doctorates.