

**Table 48****Median basic annual salary for doctorate recipients with definite postgraduation plans in the United States, by field of study, type of postgraduation plans, and sex: 2020**

(Dollars)

Field of study	Total <sup>a</sup>		Employment			Postdoctoral study		
	Male	Female	Total	Male	Female	Total	Male	Female
All fields	70,000	60,000	85,000	100,000	75,000	51,000	52,000	50,004
Science and engineering	71,000	60,000	97,000	105,000	85,000	51,000	52,000	50,004
Life sciences	55,000	55,000	85,000	89,000	83,000	50,004	50,004	50,004
Agricultural sciences and natural resources	60,000	55,000	75,990	80,000	71,000	50,000	50,000	50,000
Biological and biomedical sciences	52,704	52,704	86,000	90,000	83,500	50,004	50,004	50,004
Health sciences	68,000	70,000	88,000	90,000	87,000	51,000	50,004	51,500
Physical sciences and earth sciences	63,000	62,000	100,000	105,000	85,000	54,000	54,000	53,000
Chemistry	55,000	62,000	92,000	98,000	90,000	50,004	50,003	50,004
Geosciences, atmospheric sciences, and ocean sciences	62,000	60,000	80,000	97,000	70,000	56,000	57,000	55,000
Physics and astronomy	70,000	68,000	115,000	115,000	111,690	60,000	60,000	60,000
Mathematics and computer sciences	105,000	95,000	125,000	130,000	120,000	61,200	61,900	60,000
Psychology and social sciences	63,900	55,000	72,000	80,000	70,000	50,000	50,004	50,000
Psychology	52,000	51,000	68,000	72,000	67,000	50,000	50,000	50,000
Economics	108,000	110,000	120,000	120,000	120,000	67,500	68,750	67,500
Social sciences <sup>b</sup>	62,000	60,000	67,250	70,000	65,000	53,460	55,000	53,000
Engineering	90,000	85,000	110,000	112,000	105,000	52,701	53,000	52,000
Non-science and engineering	65,000	64,000	68,000	70,000	67,000	50,002	50,000	50,760
Education	71,000	65,000	70,000	75,000	70,000	50,760	50,004	50,760
Humanities and arts	52,000	53,750	55,000	54,500	55,000	50,000	50,000	50,000
Business management and administration	130,000	130,000	130,000	130,000	131,000	68,500	67,500	68,500
Other non-S&E fields <sup>c</sup>	67,000	66,275	70,000	72,000	70,000	52,000	55,000	52,000

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.