

**Table 49****Median basic annual salary for doctorate recipients with definite postgraduation plans for employment in the United States, by field of study and employment sector: 2019**

(Dollars)

Field of study	Total <sup>a</sup>	Academe	Industry or business <sup>b</sup>	Government	Nonprofit organization	Other or unknown <sup>c</sup>
All fields	83,000	65,000	110,000	86,000	80,000	70,000
Science and engineering	92,000	67,000	110,000	87,000	88,000	65,000
Life sciences	82,000	67,000	100,000	80,000	89,000	55,500
Agricultural sciences and natural resources	75,000	65,000	89,000	70,000	77,000	35,000
Biological and biomedical sciences	85,000	60,000	100,000	70,000	75,000	55,000
Health sciences	85,000	73,500	100,000	90,000	100,000	68,000
Physical sciences and earth sciences	96,000	54,000	109,000	78,785	86,000	51,000
Chemistry	95,000	54,000	102,158	80,000	81,000	50,000
Geosciences, atmospheric sciences, and ocean sciences	70,000	52,380	100,000	68,000	68,000	66,000
Physics and astronomy	109,350	54,000	117,500	102,900	105,000	51,000
Mathematics and computer sciences	120,000	74,000	140,000	106,000	119,000	67,500
Psychology and social sciences	71,000	64,000	100,000	80,000	75,000	70,000
Psychology	68,000	60,000	85,500	70,000	75,500	70,000
Economics	115,000	95,000	130,000	108,000	120,000	115,500
Social sciences <sup>d</sup>	66,000	60,500	91,000	81,976	70,000	63,000
Engineering	102,500	83,000	110,000	97,000	108,000	85,000
Non-science and engineering	65,000	63,000	80,000	84,000	65,000	73,000
Education	70,000	65,000	80,000	83,191	80,000	76,869
Humanities and arts	53,000	52,000	52,750	72,000	55,000	54,000
Business management and administration	130,000	130,000	130,000	113,000	115,000	98,500
Other non-S&E fields <sup>e</sup>	65,500	65,000	90,050	91,480	68,500	62,500

S&amp;E = science and engineering.

<sup>a</sup> Includes doctorate recipients who did not report employment sector.<sup>b</sup> Includes doctorate recipients who indicated self-employment.<sup>c</sup> "Other" is mainly composed of elementary and secondary schools.<sup>d</sup> Excludes economics, which is usually included within social sciences.<sup>e</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 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.