

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: 2020**

(Dollars)

Field of study	Total ^a	Academe	Industry or business ^b	Government	Nonprofit organization	Other or unknown ^c
All fields	85,000	65,550	115,000	88,000	80,000	74,088
Science and engineering	97,000	69,700	117,000	90,000	90,000	67,000
Life sciences	85,000	70,000	102,000	80,000	90,000	53,500
Agricultural sciences and natural resources	75,990	65,000	93,500	75,000	60,000	52,000
Biological and biomedical sciences	86,000	58,000	103,000	73,015	73,000	44,000
Health sciences	88,000	78,000	110,000	97,500	105,000	58,000
Physical sciences and earth sciences	100,000	56,000	110,000	80,000	89,000	68,000
Chemistry	92,000	52,000	100,000	76,000	55,000	70,000
Geosciences, atmospheric sciences, and ocean sciences	80,000	58,000	120,000	73,000	90,700	50,000
Physics and astronomy	115,000	60,616	117,700	98,500	127,500	110,000
Mathematics and computer sciences	125,000	79,000	144,000	105,010	122,000	74,000
Psychology and social sciences	72,000	64,000	100,000	85,000	75,000	66,115
Psychology	68,000	60,000	87,500	70,000	70,000	63,000
Economics	120,000	91,000	132,500	112,450	120,000	110,000
Social sciences ^d	67,250	62,000	93,000	81,000	75,000	70,000
Engineering	110,000	85,000	116,050	98,500	110,000	100,000
Non-science and engineering	68,000	64,000	90,000	81,300	70,000	75,000
Education	70,000	65,000	84,000	75,000	82,250	80,000
Humanities and arts	55,000	53,000	60,250	75,000	60,000	56,848
Business management and administration	130,000	130,000	145,000	130,000	110,000	100,000
Other non-S&E fields ^e	70,000	65,000	90,000	90,000	88,000	75,000

S&E = science and engineering.

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