

TABLE 6-4

Benefits available to early career doctorates, by position type, employment setting, and doctoral degree characteristics: 2017

(Percent)

Selected characteristic	Number of early career doctorates	Health insurance	Dental insurance	Vision insurance	Retirement plan or pension	Life insurance	Paid sick days	Paid vacation days	Paternity or maternity leave	Tuition reimbursement	Childcare subsidy	None of these
All early career doctorates	186,700	93.0	89.8	85.6	84.3	82.1	64.6	53.8	57.2	46.7	15.9	2.8
Position type ^a												
Faculty	125,600	91.8	90.2	86.4	89.7	85.3	57.1	40.9	58.8	51.3	16.1	3.6
Tenured faculty	27,300	99.5	97.9	93.5	98.6	92.4	62.6	45.1	71.4	60.9	16.3	D
Tenure-track faculty	58,500	99.0	98.0	93.9	97.4	93.2	59.8	41.7	68.2	52.0	18.3	D
Non-tenure track faculty with rank	13,000	97.8	96.2	90.6	95.5	91.9	74.3	64.7	51.4	62.7	21.2	S
Other faculty, no rank or tenure	26,800	65.1	62.7	60.6	61.0	57.7	37.4	23.4	28.9	34.6	8.6	16.2
Postdoctoral scholar	36,400	96.6	87.1	80.7	60.5	67.0	75.7	76.3	44.1	19.9	13.6	0.8
Research scientist or nonfaculty researcher	10,900	91.8	88.6	85.5	89.3	82.8	86.4	88.8	64.3	45.5	19.7	2.9
Other positions	13,800	95.1	94.1	92.3	94.2	92.4	86.1	84.7	71.7	76.9	17.6	D
Employment setting												
Academic institution ^b	178,900	92.7	89.5	85.3	84.2	81.9	63.4	51.9	56.6	47.2	15.9	2.9
Very high research activity university	83,000	94.4	89.7	85.0	79.5	79.1	67.2	60.8	56.3	37.5	18.1	2.0
High research activity university	27,500	92.4	90.1	85.0	89.4	84.7	63.8	44.7	56.2	58.1	13.7	3.8
Other college or university	68,500	90.8	89.0	85.9	87.7	84.3	58.6	44.1	57.0	54.5	14.0	3.6
FFRDC	7,800	98.3	97.2	93.0	87.8	87.3	92.5	97.4	71.2	36.4	17.8	D
Doctoral degree type												
Professional degree or doctoral equivalent ^c	15,700	79.3	77.7	74.7	79.4	76.6	63.2	58.5	47.6	58.2	13.1	7.2
Research degree	171,100	94.2	90.9	86.6	84.8	82.6	64.7	53.4	58.1	45.7	16.2	2.4
Years since doctoral degree												
1 year or less	36,900	92.7	87.2	83.1	71.5	74.7	64.2	55.9	47.6	39.4	14.1	2.6
2–5 years	82,800	92.8	89.5	85.3	84.2	81.4	65.2	54.4	56.9	45.7	15.8	3.1
6–10 years	67,000	93.3	91.6	87.5	91.6	87.2	64.1	52.0	62.8	52.0	17.0	2.4
Origin of doctoral degree												
U.S. degree	161,800	93.0	90.6	86.6	86.6	84.0	63.5	51.6	58.4	49.9	16.0	2.9
Non-U.S. degree	24,900	92.9	84.8	79.6	69.5	69.8	71.8	68.2	49.2	25.8	15.4	2.0
Field of doctoral degree												
Science and engineering	112,600	94.8	90.6	86.0	82.4	81.2	68.8	59.9	56.7	40.6	16.0	1.9

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Biological, agricultural, and environmental life sciences	28,900	95.8	90.0	84.5	76.4	77.8	77.8	71.9	53.7	33.8	14.6	1.7
Agricultural and environmental life sciences	3,900	93.6	88.0	81.7	73.3	77.6	79.7	67.6	55.0	34.2	12.5	D
Biological and biomedical sciences	24,900	96.1	90.3	85.0	76.9	77.8	77.5	72.6	53.5	33.7	15.0	1.2
Engineering	17,200	96.0	89.9	86.9	85.8	82.5	71.7	63.0	57.5	45.3	19.3	1.1
Mathematics and computer sciences	12,100	95.0	91.8	86.4	87.7	82.2	62.9	49.6	54.2	46.9	15.9	S
Computer and information sciences	5,900	92.1	89.1	84.9	87.1	79.1	69.0	56.6	55.1	49.6	16.9	S
Mathematics and statistics	6,200	97.8	94.3	87.8	88.2	85.2	57.1	42.9	53.4	44.4	15.0	D
Multidisciplinary fields and science and engineering related fields	2,600	86.0	82.8	79.2	82.8	75.6	69.6	62.9	61.6	41.5	12.3	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	20,600	96.3	91.5	85.7	75.8	78.7	73.1	69.5	52.6	30.5	14.1	S
Psychology and social sciences	31,200	92.9	91.1	87.3	88.2	85.3	58.4	44.4	62.4	48.6	16.8	3.3
Psychology	8,700	90.9	88.9	85.3	86.7	82.8	64.9	53.6	62.7	49.5	20.5	3.8
Social sciences	22,400	93.7	92.0	88.1	88.8	86.2	55.8	40.8	62.3	48.3	15.4	3.0
Health	13,400	92.2	89.9	86.7	88.4	85.3	65.4	55.8	58.0	54.5	18.9	4.2
Non-science and engineering	60,700	89.8	88.3	84.8	87.0	83.2	56.7	42.2	57.9	56.3	15.2	4.0
Education	21,100	82.2	81.3	78.3	81.2	77.2	60.5	49.7	52.5	58.3	14.8	7.0
Humanities	15,700	94.4	92.7	88.5	90.1	84.8	54.3	37.0	59.0	54.1	15.4	3.0
Other non-science and engineering	23,900	93.4	91.6	88.1	90.1	87.5	54.8	39.0	61.9	55.9	15.5	2.0
Position tenure												
1 year or less	25,700	84.8	81.2	77.8	73.1	73.6	55.0	44.5	46.2	41.4	14.6	6.7
More than 1 year but less than 5 years	108,600	93.7	89.9	85.6	82.5	81.3	66.8	58.4	55.3	41.9	16.1	2.4
5 years or more	52,400	95.4	93.9	89.6	93.7	88.1	64.8	48.9	66.4	59.3	16.3	1.5

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

FFRDC = federally funded research and development center.

^a Other faculty, no rank or tenure, positions includes all other faculty positions such as instructors, lecturers, and adjuncts. Postdoctoral scholar positions are temporary positions in academe, industry, government, or a nonprofit organization primarily for gaining additional education and training in research. Other positions are diverse but are typically university administrators and staff.

^b Academic institutions include U.S. academic institutions in the Survey of Graduate Students and Postdoctorates in Science and Engineering that grant master's and doctorate degrees in science, engineering, and health-related fields.

^c Includes medical and related degrees, such as Medical Doctors (MD), Doctor of Pharmacy (PharmD), and other professional degrees such as Doctor of Education (EdD).

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.