

Table A-7. Research doctorate recipients, by employment sector and field of degree: 2023

(Percent)

Directorate	Field of degree	Educational institution ^a	Government ^b	Business or industry ^c
Biological Sciences (BIO)	Total	44	11	45
	Agricultural sciences and natural resources	45	16	38
	Bioinformatics, biostatistics, and computational biology	33	8	59
	Biochemistry	40	8	52
	Neurosciences and neurobiology	50	8	42
	Cell molecular biology	40	9	51
	Microbiology	42	14	45
	Other biological sciences	46	11	43
Computer and Information Science and Engineering (CISE)	Total	37	3	60
	Computer engineering	31	3	66
	Computer science	37	2	61
	Computer and information sciences	39	4	57
	Information science and systems	49	5	46
STEM Education (EDU)	Educational psychology	61	6	34
Engineering (ENG)	Total	30	8	62
	Electrical engineering	27	5	68
	Mechanical engineering	34	7	59
	Bioengineering and biomedical engineering	34	6	60
	Civil engineering	39	15	46
	Materials science engineering	21	7	72
	Chemical engineering	21	7	73
	Other engineering	38	9	53
Geosciences (GEO)	Total	48	19	33
	Earth sciences	50	15	35
	Atmospheric sciences	47	21	31
	Environmental science	43	23	34
	Ocean sciences	46	24	30
Mathematical and Physical Sciences (MPS)	Total	40	8	53
	Chemistry	35	7	58
	Mathematics and statistics	58	4	38
	Physics and astronomy	41	11	48
	Materials sciences	28	9	64
Social, Behavioral and Economic Sciences (SBE)	Total	54	9	36
	Psychology	42	9	49
	Economics	57	13	30
	Political science	67	10	24
	Sociology	75	5	20
	Other social sciences	69	8	23

^a Educational institution includes 4-year colleges or universities, medical schools (including university-affiliated hospital or medical centers), university-affiliated research institutes, 2-year colleges, community colleges, technical institutes, precollege institutions, and other educational institutions.

^b Government includes U.S. federal, state, and local governments, as well as non-U.S. governments.

^c Business or industry includes private for profit, private not for profit, self-employed or business owners in incorporated or nonincorporated business, and employers not broken out separately.

Note(s):

Educational psychology is the only detailed education field of degree available in the Survey of Doctorate Recipients. Detail may not add to 100% because of rounding.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2023.