

TABLE A-8

**Share of research doctorates, by employment sector and field of degree: 2021**

(Percent)

Directorate	Field of degree	Educational institution <sup>a</sup>	Government <sup>b</sup>	Business and industry <sup>c</sup>
Biological Sciences (BIO)	Total	47	10	43
	Agricultural sciences and natural resources	49	15	36
	Bioinformatics, biostatistics, and computational biology	36	6	57
	Biochemistry	44	8	49
	Neurosciences and neurobiology	52	7	41
	Cell molecular biology	42	9	49
	Microbiology	43	14	43
	Other biological sciences	49	10	41
Computer and Information Science and Engineering (CISE)	Total	38	4	58
	Computer engineering	34	4	61
	Computer science	37	4	59
	Computer and information sciences	49	5	46
	Information science and systems	50	7	43
STEM Education (EDU)	Educational psychology	63	5	32
Engineering (ENG)	Total	33	8	60
	Electrical engineering	29	5	66
	Mechanical engineering	34	7	59
	Bioengineering and biomedical engineering	35	6	59
	Civil engineering	40	11	48
	Materials science engineering	25	7	68
	Chemical engineering	25	9	66
	Other engineering	39	11	51
Geosciences (GEO)	Total	49	19	32
	Earth sciences	50	15	35
	Atmospheric sciences	45	25	29
	Environmental science	51	17	32
	Ocean sciences	50	25	25
Mathematical and Physical Sciences (MPS)	Total	43	7	50
	Chemistry	37	7	56
	Mathematics and statistics	63	4	33
	Physics and astronomy	43	11	46
	Materials sciences	30	8	62
Social, Behavioral and Economic Sciences (SBE)	Total	54	10	36
	Psychology	41	10	49
	Economics	58	12	30
	Political science	67	10	23
	Sociology	76	6	18
	Other social sciences	71	8	21

<sup>a</sup> 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.

<sup>b</sup> Government includes U.S. federal, state, and local governments.

<sup>c</sup> Business or industry includes private for profit, private not for profit, self-employed or business owners in incorporated or nonincorporated business, non-U.S. governments, 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.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2021.