

TABLE A-6

**Share of research doctorates with definite non-postdoctoral employment commitments, by sector: 2002, 2012, and 2022**

(Percent)

Directorate	Year	Educational institution <sup>a</sup>	Government <sup>b</sup>	Business and industry <sup>c</sup>
Biological Sciences (BIO)	2002	46	12	42
	2012	41	13	47
	2022	22	7	71
Computer and Information Science and Engineering (CISE)	2002	43	4	53
	2012	24	4	72
	2022	18	3	79
STEM Education (EDU)	2002	85	5	11
	2012	85	3	12
	2022	78	4	17
Engineering (ENG)	2002	21	9	70
	2012	17	8	75
	2022	13	6	81
Geosciences (GEO)	2002	36	19	45
	2012	40	18	42
	2022	27	22	50
Mathematical and Physical Sciences (MPS)	2002	38	5	57
	2012	39	6	55
	2022	18	4	78
Social, Behavioral and Economic Sciences (SBE)	2002	63	9	28
	2012	65	9	26
	2022	48	11	41

<sup>a</sup> Educational institution includes U.S. 4-year colleges or universities, U.S. medical schools, U.S. university-affiliated research institutes, U.S. community or 2-year colleges, U.S. elementary or secondary schools, and foreign (i.e., non-U.S.) educational institutions.

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

<sup>c</sup> Business or industry includes for-profit industries or businesses, not-for-profit organizations, those who are self-employed, foreign (i.e., non-U.S.) governments, and other.

**Note(s):**

Excludes respondents who did not report employer type.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2022.