

TABLE S5A-17

**S&E research portfolios of selected region, country, or economy, by field: 2018**

(Fractional count, percent)

Field	World	United States	EU	China	Japan	India
All articles (n)	2,555,959	422,808	622,125	528,263	98,793	135,788
Agricultural sciences	2.16	1.20	1.89	2.38	1.03	2.42
Astronomy and astrophysics	0.54	0.85	0.86	0.20	0.56	0.30
Biological and biomedical sciences	11.97	14.03	12.05	9.85	12.15	10.37
Chemistry	6.20	3.56	5.33	9.61	7.36	8.46
Computer and information sciences	10.70	7.66	9.60	13.24	9.36	18.41
Engineering	16.96	12.84	14.43	25.47	15.13	17.56
Geosciences, atmospheric, and ocean sciences	3.07	3.54	3.17	2.93	2.32	1.50
Health sciences	23.64	33.91	27.05	13.10	30.41	14.04
Materials science	4.19	1.30	2.56	6.48	3.18	9.32
Mathematics and statistics	2.39	2.03	2.53	2.08	1.66	3.45
Natural resources and conservation	2.42	1.47	2.44	3.18	1.44	1.82
Physics	9.12	6.46	8.39	10.07	12.87	10.59
Psychology	1.91	3.81	2.84	0.38	1.08	0.29
Social sciences	4.74	7.34	6.86	1.04	1.45	1.48

EU = European Union.

**Note(s)**

Articles refer to publications from a selection of peer-reviewed journals and conference proceedings in science and engineering fields from Scopus. Articles are classified by their year of publication and are assigned to a region, country, or economy on the basis of the institutional address(es) of the author(s) listed in the article. Articles are credited on a fractional-count basis (i.e., for articles from multiple countries, each country receives fractional credit on the basis of the proportion of its participating authors). Percentages may not add to 100% because of rounding. Data are not directly comparable to *Science and Engineering Indicators 2018*; see Technical Appendix section on data filters. See Table S5a-2 through Table S5a-16 for source data. See Table S5a-1 for regions, countries, and economies included in the EU.

**Source(s)**

National Center for Science and Engineering Statistics, National Science Foundation; Science-Metrix; Elsevier, Scopus abstract and citation database, accessed June 2019.

*Science and Engineering Indicators*