

Table PBS-1

S&E articles in all fields for 15 largest producing regions, countries, or economies: 2010 and 2020

(Number and percent)

Rank	Region, country, or economy	2010	2020	2020 world total (%)	2020 cumulative total (%)
na	World	1,938,121	2,940,807	na	na
1	China	308,769	669,744	22.77	22.77
2	United States	409,512	455,856	15.50	38.28
3	India	60,555	149,213	5.07	43.35
4	Germany	97,255	109,379	3.72	47.07
5	United Kingdom	94,081	105,564	3.59	50.66
6	Japan	108,534	101,014	3.43	54.09
7	Russia	33,855	89,967	3.06	57.15
8	Italy	58,252	85,419	2.90	60.06
9	South Korea	50,224	72,490	2.46	62.52
10	Brazil	41,501	70,292	2.39	64.91
11	France	68,300	66,479	2.26	67.17
12	Canada	56,445	65,822	2.24	69.41
13	Spain	49,031	65,638	2.23	71.64
14	Australia	41,661	60,891	2.07	73.71
15	Iran	24,694	57,755	1.96	75.68

na = not applicable.

Note(s):

The countries or economies are ranked based on the 2020 total. Article counts refer to publications from conference proceedings and peer-reviewed journal articles in S&E and indexed in Scopus (see Technical Appendix for more details). 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 or economies, each country or economy receives fractional credit on the basis of the proportion of its participating authors). Detail may not add to total because of countries or economies that are not shown. Proportions are based on the world total excluding unclassified addresses (data not presented). Details and other countries are available in Table SPBS-2.

Source(s):

National Center for Science and Engineering Statistics; Science-Metrix; Elsevier, Scopus abstract and citation database, accessed May 2021.

Science and Engineering Indicators