Figure PBS-16

U.S. domestic relative citation index across fields: 2022

Note(s):
Article counts for computing the index refer to publications from a selection of conference proceedings and peer-reviewed journals in S&E 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 whole count basis (i.e., each collaborating region, country, or economy is credited with one count). Regions, countries, or economies that have contributed to less than 1% of all internationally coauthored articles in 2022 are omitted. The domestic relative citation index is calculated as follows: $IC_{xy} = (C_{xy} / C_x) / (C_y / C_w)$, where $IC_{xy}$ is the index of collaboration between country $x$ and country $y$, $C_{xy}$ is the number of publications coauthored between country $x$ and country $y$, $C_x$ is the total number of international coauthorships by country $x$, $C_y$ is the total number of international coauthorships by country $y$, and $C_w$ is the total number of international coauthorships in the database.

Source(s):

Science and Engineering Indicators