

TABLE 5-25 

Shares of U.S. sector publications coauthored with other U.S. sectors and foreign institutions: 2006 and 2016

(Percent)

Year	U.S. sector					
	Academic	Federal government	Industry	FFRDCs	Private nonprofit	State and local government
2006						
All publications (number)	355,041	43,086	57,340	19,414	46,395	3,954
Total coauthored	71.4	84.9	75.8	77.1	87.9	90.0
Total coauthored with another U.S. sector or foreign institution	41.4	74.9	64.5	71.7	75.9	81.2
Coauthored with another U.S. sector	21.1	65.3	51.6	57.6	64.7	77.4
Coauthored with academic sector	na	54.4	42.4	49.5	57.1	63.8
Coauthored with nonacademic sector	21.1	25.8	20.2	19.7	20.8	37.4
Coauthored with foreign institutions	24.9	24.0	22.5	33.3	24.1	14.0
2016						
All publications (number)	437,682	45,214	50,889	20,650	50,146	4,298
Total coauthored	76.0	88.6	81.5	86.6	89.2	91.7
Total coauthored with another U.S. sector or foreign institution	51.0	81.9	73.2	82.5	81.3	87.2
Coauthored with another U.S. sector	20.4	71.0	55.7	66.2	70.6	83.6
Coauthored with academic sector	na	63.5	49.1	60.8	66.7	74.0
Coauthored with nonacademic sector	20.4	25.8	19.4	18.8	18.5	37.2
Coauthored with foreign institutions	37.2	33.5	34.9	45.6	32.9	19.1



na = not applicable.

FFRDC = federally funded research and development center.

Note(s)

Article counts are from a selection of journals, books, and conference proceedings in S&E from Scopus. Articles are classified by their year of publication and are assigned to a sector on the basis of the institutional address(es) listed in the article. Articles are credited on a whole-count basis (i.e., each collaborating institution type is credited one count in each qualifying group). The sum of articles coauthored with various sectors could exceed the total number of articles coauthored with another sector or foreign sector because of articles coauthored by multiple sectors. Counts of publications coauthored with another U.S. sector are limited to copublications involving the U.S. sector at stake and another different sector. For instance, the number of coauthored publications with the nonacademic sectors for FFRDCs does not include publications coauthored by two FFRDCs. Articles from unknown U.S. sectors are not shown. See Appendix Table 5-45.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics; SRI International; Science-Metrix; Elsevier, Scopus abstract and citation database, accessed July 2017.

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