

**Table TRN-3. U.S. federal agency activity in granted patents, S&E articles, and articles cited by patents, by inventor's or author's affiliated agency: 2013–24**

(Number)

Agency	Patents granted to U.S. federal agencies	S&E articles with authors from U.S. federal agencies	S&E articles with authors at federal agencies cited by granted U.S. patents
DHS	203	1,766	608
DOC	309	53,359	16,914
DOD	6,468	119,617	61,843
DOE	5,345	233,739	130,094
DOI	31	33,826	1,621
DOT	16	2,661	331
EPA	62	9,845	1,607
HHS	2,008	166,439	180,861
NASA	1,315	80,000	17,650
USDA	586	78,946	25,036
VA	689	140,910	77,774

DHS = Department of Homeland Security; DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; DOI = Department of the Interior; DOT = Department of Transportation; EPA = Environmental Protection Agency; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; USDA = Department of Agriculture; VA = Department of Veterans Affairs.

**Note(s):**

Patents are classified by their grant year and articles are classified by their year of publication. An article or patent is linked to federal agencies through author and ownership information on the publication record in Scopus and PatentsView. Citation counts are based on an 11-year window with a 5-year lag (e.g., citations for 2022 are references in Patent and Trademark Office (USPTO) patents issued in calendar year 2022 to articles published in 2007–17). Articles and patents are credited on a whole-count basis (i.e., each participating federal agency receives one count).

**Source(s):**

National Center for Science and Engineering Statistics; Science-Metrix (Elsevier); PatentsView, USPTO, accessed March 2025; Scopus abstract and citation database, accessed August 2025.

*Science and Engineering Indicators*