

Publications by US Federal Personnel (Jan 2019 - July 1 2025)

Immediate Consequences of US Administration Policies on Scientific Productivity by Federal Agencies

PNAS Brief Reports describe observations of immediate impact that may hold potential to initiate new avenues of research, provide compelling new data on controversies of broad interest and long-standing questions, or present a concise conceptual advance.

All Brief Reports are published immediate open access.

- Brief Reports are limited to 3 pages, which is approximately 1,600 words (including the manuscript text, title page, abstract, and figure legends), and 15 references.
- Supporting information (SI) is limited to extended methods, essential supporting datasets, and videos (no additional tables or figures).
- All Brief Reports follow the Direct Submission mode of review and are not eligible as member-contributed submissions

I searched SCOPUS for all indexed articles, reviews, letters, notes, book chapters, data papers, and editorial material published between 2019-2025 that included at least one author with a United States federal government affiliation as their primary address. The search was conducted using Scopus' Affiliation Codes, the list of codes included both the primary codes for government agencies (i.e., US Department of Defense: 60012471; US Department of Commerce: 60000947) and for individual units within administered by those departments (Naval Dental Center: 60032984, National Oceanic and Atmospheric Administration: 60027716).

Note: Some USGS scientists are based at US universities via the Cooperative Fish and Wildlife Research Units Program. While these publications are returned by SCOPUS searches of the USGS code, the affiliation given for the USGS authors is that of the host university (e.g., USGS Scientists at the Florida Cooperative Fish and Wildlife Research Unit is "University of Florida"). To correct this I downloaded metadata from USGS [Publications Warehouse](#) for the N = 17,445 articles published between 2019-2025 and used it to identify all USGS authors and correct their affiliation in the SCOPUS records.

Summary: Total Publications, Total Authors, and Publications Per Year

Search (SCOPUS API)

- **No. of Federal Affil SCOPUS IDs searched:** N = 5,360.
- **No. of Federal Affil SCOPUS IDs returned:** N = 6,422

Results

- **Total No. of Publications:** N = 470,070
- **Total No. of Authors:** N = 4,598,183.
- **Total No. of Unique Authors:** N = 1,200,171.

Unique authors with federal affiliation (Primary): N = 206,807

Unique non-federal authors: N = 1,058,269

- **Author Position**

Articles with Federal Author in 1st Author Position: 35%

Articles with Federal Author in Last Author position: 34%

- **Authors per Publication:**

Authors Per Publication: Mean = 9.8 (\pm 14 SD)

Federal Authors per Publication: Mean = 2.5 (\pm 3.4 SD)

Non-Federal Authors per Publication Mean = 7.3 (\pm 13 SD)

Papers per year (2019-2024)

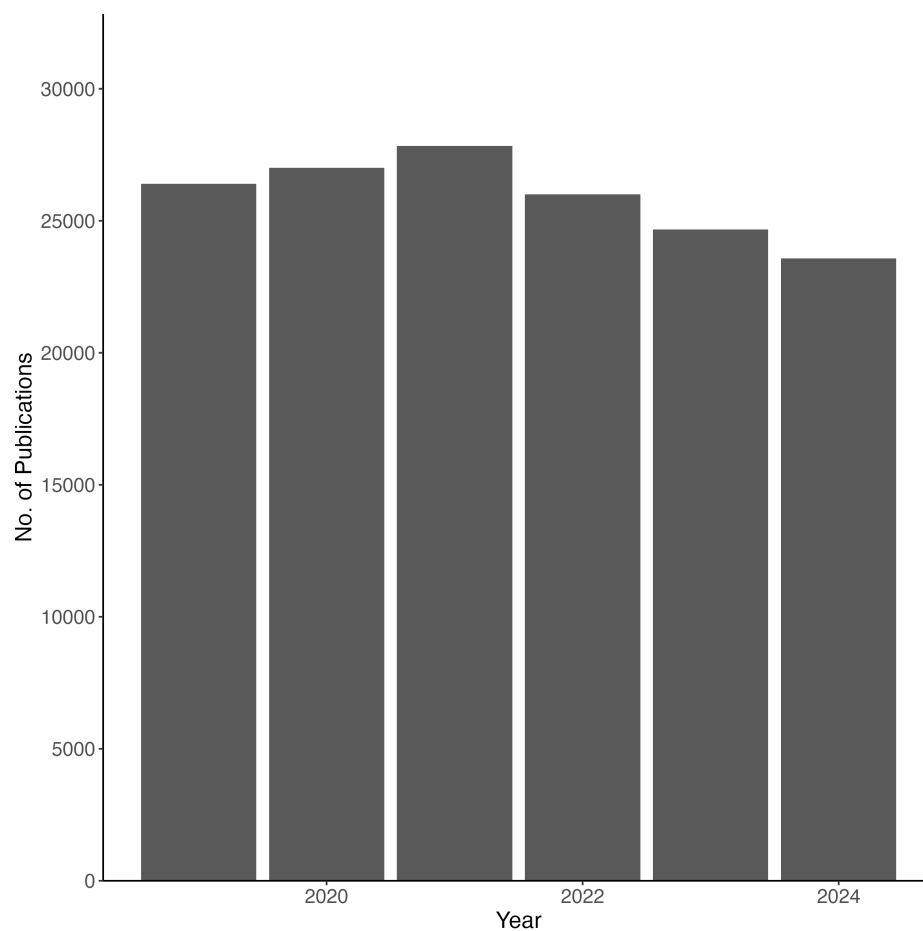


Figure 1: Publications per year (2019-2024)

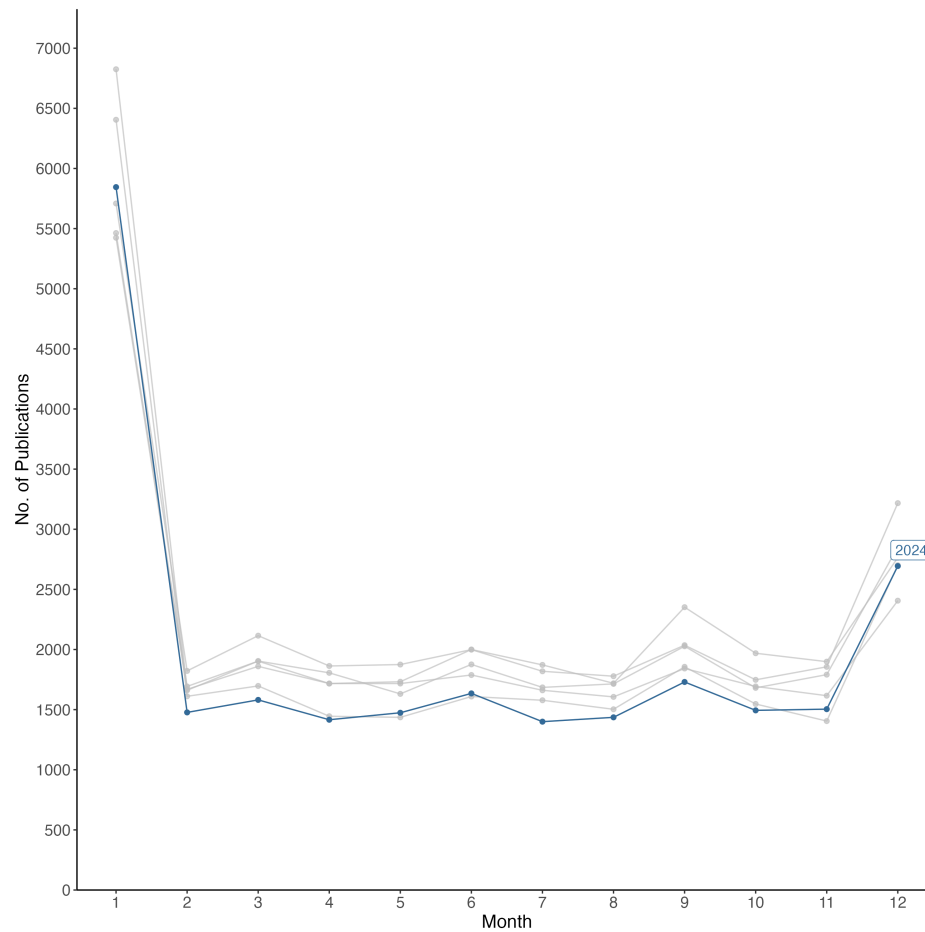
Articles indexed Monthly/Quarterly (2019-2024)

Figure 2: Articles per month (2019-2024). Note: the the January-December peaks are likely due to journals publishing fewer than 12 issues per year. Smoothed out somewhat by converting to publications per quarter (see below).

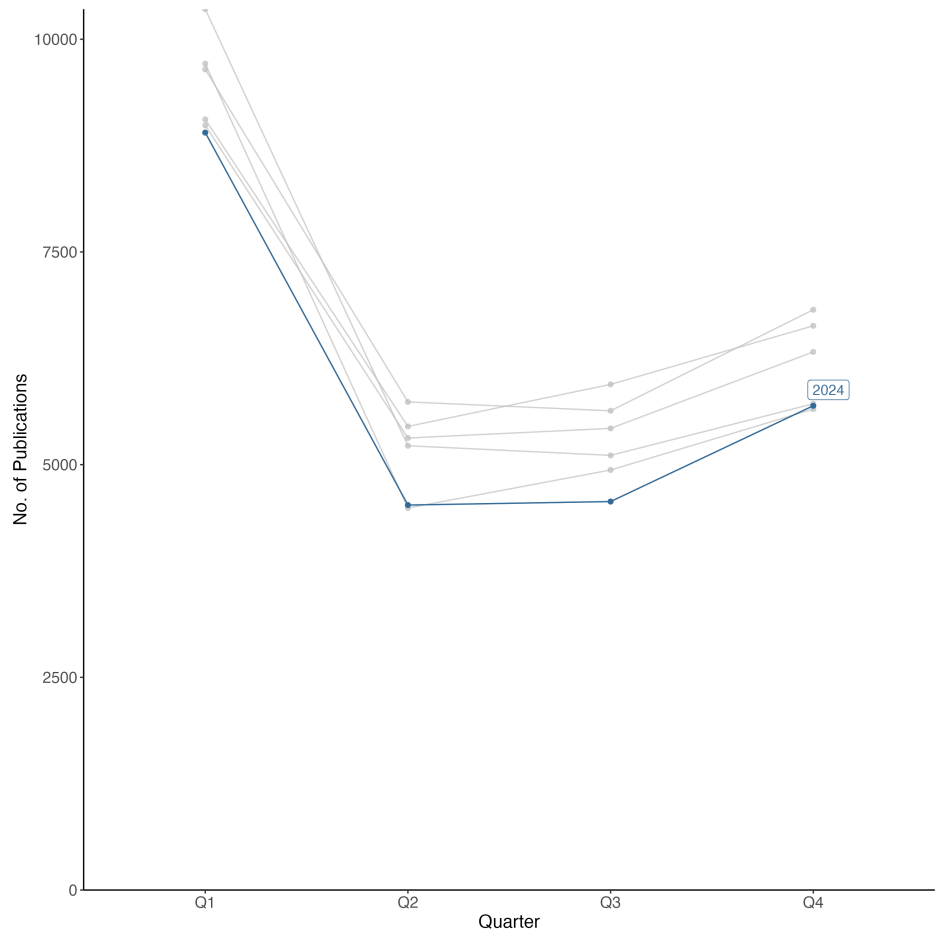


Figure 3: Articles per Quarter (2019-2024).

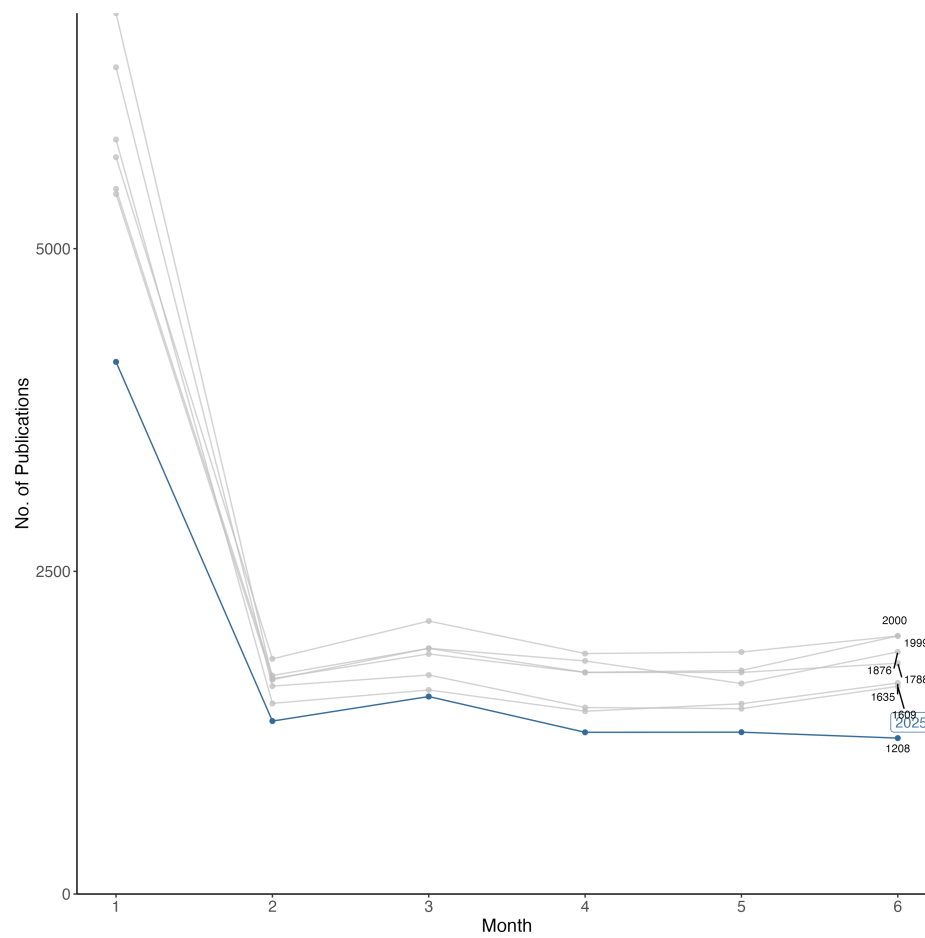
Publications Indexed Monthly January 1 - July 31 (2019-2025)

Figure 4: Monthly publications from January 1 to May 31 (2019-2025).

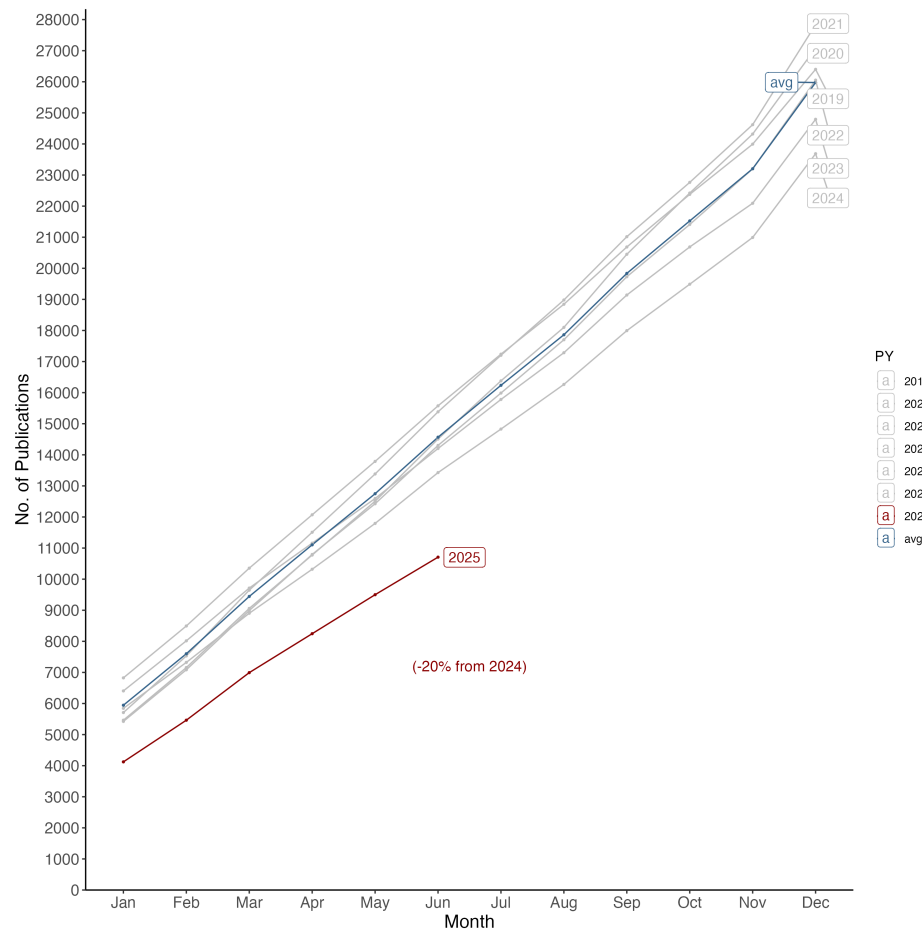
Cumulative Total Publications January 1 - June 30 (2019-2025)

Figure 5: Cumulative number of articles published by researchers at federal agencies between January 1-May 31, 2019-2025 and the percent change in 2025 productivity relative to the same time period in 2024 (red).

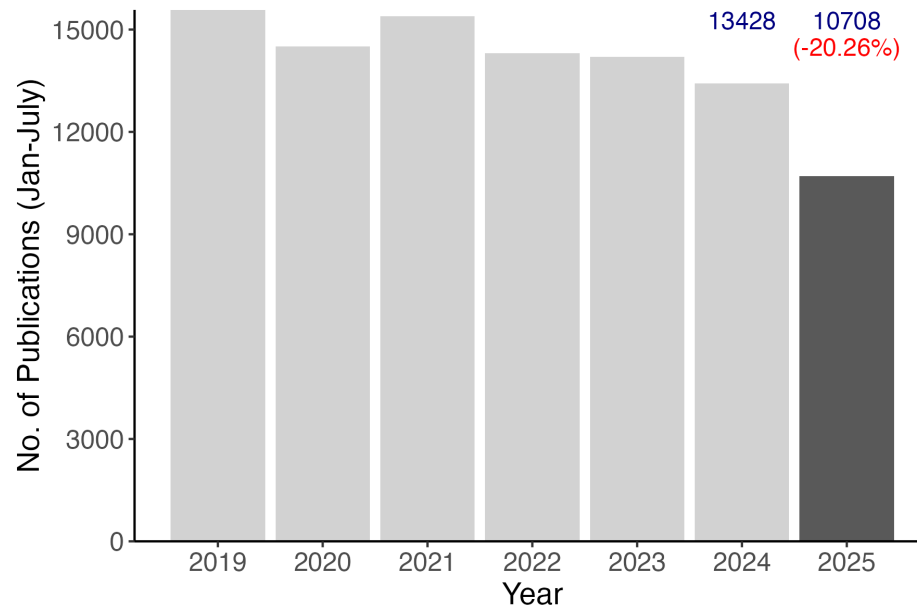
Total Publications January 1 - June 30 (2019-2025)

Figure 6: Articles published by researchers at federal agencies between January 1-May 31, 2019-2025 and the percent change in 2025 productivity relative to the same time period in 2024 (red). Numbers in blue are the number of articles published in 2024 and 2025.

20 Agencies producing the most Publications from 1 January 2019 to 31 May 2025.

Agency	N
DOE	94131
NIH	57551
DOD	50089
USDA	36771
VA	36090
NASA	21398
CDC	17069
Interior	16937
Smithsonian	13420
NOAA	11638
FDA	9961
NIST	8182
NSF	7832
EPA	4890
HHS	2887
FRS	2684
USAID	1349
Commerce	679
State	565
DOT	431

* other agencies are
listed in the text

Table 1: N = 20 agencies producing the most publications

Other agencies:

ahrq,doj,dhs,nasem,multiagency,treasury,nrc,congress,ftc,faa labor,fema,cpsc,dea,hud,gsa,irs,eop,fhfa,usphs
dha,gao,cbo,tva,cia,education,ssa,cfpb,nea,woodrow wilson international center for scholars
nsc,sec,opm,other,us global change research program,us holocaust memorial museum,judiciary,usgs,commodity
futures trading commission,federal maritime commission usaid funded,americorps,john f kennedy
center for the performing arts,fcc,hrsa,odni,susquehanna river basin commission,us arctic research
commission,us institute of peace,amtrak appalachian regional commission,equal employment
opportunity commission,financial industry regulatory authority,fmc,government publishing
office,imls,interagency,interagency grizzly bear study team,interamerican foundation,morris k udall
and stewart l udall foundation national center for missing & exploited children,ncua,nphs,ntsb,public
company accounting oversight board,sba,social security advisory board,usps,usuhs

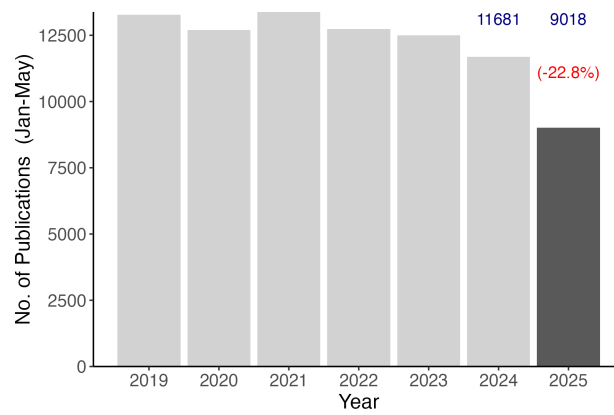
Total Publications January - May (Agencies with more than 10,000 articles only)

Figure 7: Percent change in publications (Jan-May) relative to same period previous year. Only agencies producing over 10,000 articles between 2019-2024.

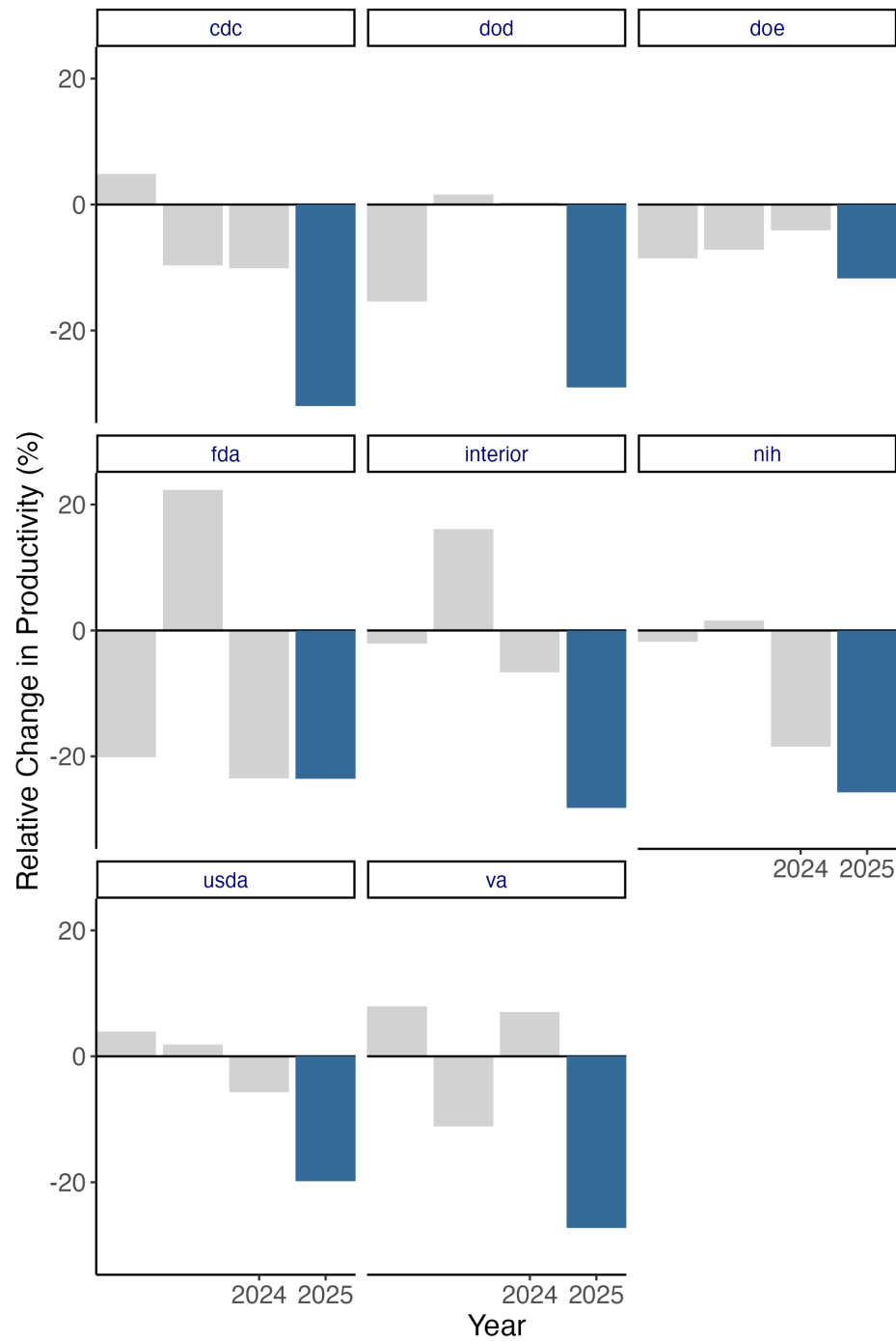


Figure 8: Percent change in articles published from previous Jan-May (2019-2024) by the 10 most productive federal agencies or institutions.