

TABLE A-3

**Crosswalk for the Survey of Federal Funds for Research and Development: Volume 70 and volume 71**

(Notes)

Volume 70 (field of science and engineering)	Change	Volume 71 (field of R&D)
Computer sciences and mathematics; Computer sciences	Separated	Computer and information sciences
Mathematics; Other computer sciences and mathematics	Separated	Mathematics and statistics
Environmental sciences	New wording	Geosciences, atmospheric sciences, and ocean sciences
Atmospheric sciences	New wording	Atmospheric science and meteorology
Geological sciences	New wording	Geological and earth sciences
Oceanography	New wording	Ocean sciences and marine sciences
Other environmental sciences	New wording	Other geosciences, atmospheric sciences, and ocean sciences
Life sciences		Life sciences
Agricultural sciences		Agricultural sciences
Biological sciences (excluding environmental) Environmental biology	Combined	Biological and biomedical sciences
Medical sciences	New wording	Health sciences
	New item	Natural resources and conservation
Other life sciences		Other life sciences
Physical sciences		Physical sciences
Astronomy	New wording	Astronomy and astrophysics
Chemistry		Chemistry
	New item	Materials science
Physics		Physics
Other physical sciences		Other physical sciences
Psychology		Psychology
Biological aspects		Biological aspects
Social aspects		Social aspects
Other psychological sciences		Other psychological sciences
Social sciences		Social sciences
Anthropology		Anthropology
Economics		Economics
Political science	New wording	Political science and government
Sociology	New wording	Sociology, demography, and population studies
Other social sciences		Other social sciences (Education research and Law moved to Other fields)
Engineering		Engineering
Aeronautical engineering; Astronautical engineering	Combined	Aerospace, aeronautical, and astronautical engineering
	New item	Bioengineering and biomedical engineering
Chemical engineering		Chemical engineering
Civil engineering		Civil engineering
Electrical engineering	New wording	Electrical, electronics, and communications engineering
	New item	Industrial and manufacturing engineering
Mechanical engineering		Mechanical engineering
Metallurgy and materials engineering	New wording	Metallurgical and materials engineering
Other engineering		Other engineering
	- New section	Other fields

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(Notes)

Volume 70 (field of science and engineering)	Change	Volume 71 (field of R&D)
-		Business management and business administration
-		Communication and communications technologies
-	Separated	Education research (separated from Other social sciences)
-		Humanities, including History
-	Separated	Law (separated from Other social sciences)
-		Social work
-		Visual and performing arts
-		All other fields

**Note(s):**

This table summarizes changes in the taxonomy from volume 70 (FYs 2020–21; fields of science and engineering) to volume 71 (FYs 2021–22; fields of research and development).

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development.