

Table A-5. Aggregated fields and their constituent fine fields: 2016

Aggregated field name and constituent fields
Agricultural sciences and natural resources
Agronomy, horticulture science, plant breeding, plant pathology, plant sciences-other
Agricultural and horticultural plant breeding
Agronomy and crop science
Horticulture science*
Plant pathology and phytopathology, agricultural
Plant sciences, other*
Animal nutrition, poultry science
Animal nutrition*
Animal science, poultry or avian*
Food science, food technology-other*
Food science
Food science and technology, other
Forest biology, forest management, wood science, forestry sciences-other*
Forest management, forest resources management*
Forest sciences and biology*
Wood science, pulp and paper technology*
Forestry, other*
Natural resources and conservation, wildlife range management
Natural resources and conservation
Wildlife, range management*
Soil chemistry, soil sciences-other
Soil chemistry, microbiology*
Soil sciences, other*
Agricultural sciences, aggregated
Natural resources and environmental economics (agricultural sciences)*
Agricultural sciences and natural resources, general
Agricultural sciences and natural resources, other*
Biological and biomedical sciences
Anatomy, developmental biology
Anatomy*
Developmental biology and embryology
Bacteriology, parasitology
Bacteriology*
Parasitology*
Botany, plant pathology, plant physiology
Botany and plant biology
Plant pathology and phytopathology (biological sciences)*
Plant physiology*
Endocrinology, human/animal pathology
Endocrinology*
Pathology, human and animal
Biotechnology, biology/biomedical sciences-other
Biotechnology*

Table A-5. Aggregated fields and their constituent fine fields: 2016

Aggregated field name and constituent fields
Biological and biomedical sciences, other
Environmental toxicology, toxicology
Environmental toxicology
Toxicology
Genetics-human/animal, plant genetics
Genetics, genomics, human and animal
Plant genetics
Molecular biology, medicine
Molecular biology
Molecular medicine *
Health sciences
Environmental health, public health
Environmental health
Public health
Health sciences, aggregated
Gerontology (health sciences)
Oral biology, oral pathology *
Veterinary sciences
Health sciences, general
Health sciences, other
Atmospheric science and meteorology
Atmospheric physics, meteorology
Atmospheric physics and dynamics
Meteorology *
Atmospheric chemistry, atmospheric sciences-general, atmospheric sciences-other
Atmospheric chemistry and climatology
Atmospheric science and meteorology, general
Atmospheric science and meteorology, other *
Geological sciences
Geochemistry, mineralogy
Geochemistry
Mineralogy and petrology *
Geomorphology, geological sciences-general, geological sciences-other
Geomorphology, glacial geology *
Geological sciences, general
Geological sciences, other
Paleontology, stratigraphy
Paleontology *
Stratigraphy and sedimentation *
Ocean/marine sciences, aggregated
Hydrology and water resources
Marine sciences
Ocean and marine sciences, other *
Physics
Acoustics, optics/photonics

Table A-5. Aggregated fields and their constituent fine fields: 2016

Aggregated field name and constituent fields
Acoustics*
Optics, photonics
Atomic physics, polymer physics
Atomic, molecular, chemical physics
Polymer physics*
Mathematics and statistics
Applied mathematics, computing theory
Applied mathematics
Computing theory and practice*
Logic, topology/foundations
Logic*
Topology and foundations
Operations research, mathematics/statistics-general, mathematics/statistics-other
Operations research (mathematics)*
Mathematics and statistics, general
Mathematics and statistics, other
Psychology
Family psychology, human development and family studies
Family psychology*
Human development and family studies
Psychology, aggregated
Personality psychology*
Psychometrics and quantitative psychology
Psychology, other
Social sciences
Area, ethnic, cultural, and gender studies
Area, ethnic, cultural studies
Gender and women's studies
Econometrics, economics
Econometrics*
Other economics
Demography, gerontology, statistics, urban affairs, social sciences-general, social sciences-other
Demography and population studies
Gerontology (social sciences)*
Statistics (social sciences)*
Urban studies, affairs
Social sciences, general
Social sciences, other
Other engineering, aggregated
Agricultural engineering
Communications engineering*
Engineering management, administration*
Engineering mechanics*
Engineering physics*

Table A-5. Aggregated fields and their constituent fine fields: 2016

Aggregated field name and constituent fields
Engineering science*
Geotechnical and geoenvironmental engineering
Metallurgical engineering*
Ocean engineering*
Operations research (engineering)
Petroleum engineering*
Polymer, plastics engineering*
Transportation and highway engineering
Engineering, general
Engineering, other
Education
Educational/instructional technology, media design
Educational and instructional media design*
Educational and instructional technology
Other education, aggregated
Workforce education and development
Education, other
Teacher education, aggregated
Adult and continuing teacher education
Elementary teacher education
Pre-elementary, early childhood teacher education
Secondary teacher education
Teaching fields, aggregated
Agricultural education
Art education
Bilingual and multilingual education
English education
Family, consumer, and human sciences*
Foreign languages education*
Nursing education
Social science education*
Teacher education and professional development, other
Foreign languages and literature
French, Italian
French language and literature
Italian language and literature*
Other aggregated languages
Arabic language and literature*
Chinese language and literature*
Japanese language and literature*
Russian language and literature*
Foreign languages and literatures, other
History, aggregated
African history*

Table A-5. Aggregated fields and their constituent fine fields: 2016

Aggregated field name and constituent fields
History, other
Letters, aggregated
Creative writing
Letters, general*
Letters, other*
Other humanities and arts
Dance, drama
Dance*
Drama, theater arts
Philosophy, ethics
Ethics
Philosophy
Religion/religious studies, Jewish/Judaic studies
Jewish, Judaic Studies*
Religion, religious studies
Other humanities, aggregated
Bible, biblical studies
Music, other*
Humanities, general
Humanities, other
Business management and administration
Human resources, organizational behavior
Human resources development*
Organizational behavior
Other aggregated business fields
Business, managerial economics*
Hospitality, food service, and tourism management
International business, trade, commerce*
Operations research (business)
Business management and administration, general
Business management and administration, other
Communication, aggregated
Communication theory
Film, radio, TV and digital communication*
Communication, other
Fields not elsewhere classified, aggregated
Law
Library science
Other fields not elsewhere classified*

* = indicates fine fields of degree with counts of U.S. citizen or permanent resident doctorate recipients below minimum count threshold ($n = 25$) in 2016.

NOTE: Aggregated fields appear in tables 16 and 22 only.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2016.