

U.S. Census Bureau

1997 NAICS Definitions

541 Professional, Scientific, and Technical Services

541 Professional, Scientific, and Technical Services

Industries in the Professional, Scientific, and Technical Services subsector group establishments engaged in processes where human capital is the major input. These establishments make available the knowledge and skills of their employees, often on an assignment basis, where an individual or team is responsible for the delivery of services to the client. The individual industries of this subsector are defined on the basis of the particular expertise and training of the services provider.

The distinguishing feature of the Professional, Scientific, and Technical Services subsector is the fact that most of the industries grouped in it have production processes that are almost wholly dependent on worker skills. In most of these industries, equipment and materials are not of major importance, unlike health care, for example, where "high tech" machines and materials are important collaborating inputs to labor skills in the production of health care. Thus, the establishments classified in this subsector sell expertise. Much of the expertise requires degrees, though not in every case.

5411 Legal Services

54111 Offices of Lawyers

541110 Offices of Lawyers

This industry comprises offices of legal practitioners known as lawyers or attorneys (i.e., counselors-at-law) primarily engaged in the practice of law. Establishments in this industry may provide expertise in a range or in specific areas of law, such as criminal law, corporate law, family and estate law, patent law, real estate law, or tax law.

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NAICS	SIC	Corresponding Index Entries
541110	8111	Attorneys' offices
541110	8111	Attorneys' private practices
541110	8111	Barristers' offices
541110	8111	Barristers' private practices
541110	8111	Corporate law offices
541110	8111	Counselors' at law offices
541110	8111	Counselors' at law private practices
541110	8111	Criminal law offices
541110	8111	Estate law offices
541110	8111	Family law offices

541110	8111	Law firms
541110	8111	Law offices
541110	8111	Law practices
541110	8111	Lawyers' offices
541110	8111	Lawyers' private practices
541110	8111	Legal aid services
541110	8111	Patent attorneys' offices
541110	8111	Patent attorneys' private practices
541110	8111	Real estate law offices
541110	8111	Solicitors' offices
541110	8111	Solicitors' private practices
541110	8111	Tax law attorneys' offices
541110	8111	Tax law attorneys' private practices

54112 Offices of Notaries

541120 Offices of Notaries

This industry comprises establishments (except offices of lawyers and attorneys) primarily engaged in drafting, approving, and executing legal documents, such as real estate transactions, wills, and contracts; and in receiving, indexing, and storing such documents.

54119 Other Legal Services

This industry comprises establishments of legal practitioners (except lawyers and attorneys) primarily engaged in providing specialized legal or paralegal services.

541191 Title Abstract and Settlement Offices

This U.S. industry comprises establishments (except offices of lawyers and attorneys) primarily engaged in one or more of the following activities: (1) researching public land records to gather information relating to real estate titles; (2) preparing documents necessary for the transfer of the title, financing, and settlement; (3) conducting final real estate settlements and closings; and (4) filing legal and other documents relating to the sale of real estate. Real estate settlement offices, title abstract companies, and title search companies are included in this industry.

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NAICS	SIC	Corresponding Index Entries
541191	6541	Settlement offices, real estate
541191	6541	Title abstract companies, real estate
541191	6541	Title companies, real estate
541191	6541	Title search companies, real estate

541199 All Other Legal Services

This U.S. industry comprises establishments of legal practitioners (except offices of lawyers and attorneys, settlement offices, and title abstract offices). These establishments are primarily engaged in providing specialized legal or paralegal services.

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NAICS	SIC	Corresponding Index Entries
541199	7389	Notary public services
541199	7389	Notary publics' private practices
541199	7389	Paralegal services
541199	7389	Patent agent services (i.e., patent filing and searching services)
541199	7389	Process server services
541199	7389	Process serving services

5412 Accounting, Tax Preparation, Bookkeeping, and Payroll Services**54121 Accounting, Tax Preparation, Bookkeeping, and Payroll Services**

This industry comprises establishments primarily engaged in providing services, such as auditing of accounting records, designing accounting systems, preparing financial statements, developing budgets, preparing tax returns, processing payrolls, bookkeeping, and billing.

541211 Offices of Certified Public Accountants

This U.S. industry comprises establishments of accountants that are certified to audit the accounting records of public and private organizations and to attest to compliance with generally accepted accounting practices. Offices of certified public accountants (CPAs) may provide one or more of the following accounting services: (1) auditing financial statements; (2) designing accounting systems; (3) preparing financial statements; (4) developing budgets; and (5) providing advice on matters related to accounting. These establishments may also provide related services, such as bookkeeping, tax return preparation, and payroll processing.

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NAICS	SIC	Corresponding Index Entries
541211	8721	Accountants' (i.e., CPAs) offices, certified public
541211	8721	Accountants' (i.e., CPAs) private practices, certified public
541211	8721	Accounting (i.e., CPAs) services, certified public
541211	8721	Auditing accountants' (i.e., CPAs) offices
541211	8721	Auditing accountants' (i.e., CPAs) private practices
541211	8721	Auditing services (i.e., CPA services), accounts
541211	8721	Auditors' (i.e., CPAs) offices, accounts

541211	8721	Auditors' (i.e., CPAs) private practices, accounts
541211	8721	Certified accountants' offices
541211	8721	Certified public accountants' (CPAs) offices
541211	8721	CPAs' (certified public accountants) offices
541211	8721	Public accountants' (CPAs) offices, certified
541211	8721	Public accountants' (CPAs) private practices, certified

541213 Tax Preparation Services

This U.S. industry comprises establishments (except offices of CPAs) engaged in providing tax return preparation services without also providing accounting, bookkeeping, billing, or payroll processing services. Basic knowledge of tax law and filing requirements is required.

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NAICS	SIC	Corresponding Index Entries
541213	7291	Income tax compilation services
541213	7291	Income tax return preparation services
541213	7291	Tax return preparation services

541214 Payroll Services

This U.S. industry comprises establishments (except offices of CPAs) engaged in the following without also providing accounting, bookkeeping, or billing services: (1) collecting information on hours worked, pay rates, deductions, and other payroll-related data from their clients and (2) using that information to generate paychecks, payroll reports, and tax filings. These establishments may use data processing and tabulating techniques as part of providing their services.

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NAICS	SIC	Corresponding Index Entries
541214	8721	Payroll processing services
541214	7819	Talent payment services

541219 Other Accounting Services

This U.S. industry comprises establishments (except offices of CPAs) engaged in providing accounting services (except tax return preparation services only or payroll services only). These establishments may also provide tax return preparation or payroll services. Accountant (except CPA) offices, bookkeeper offices, and billing offices are included in this industry.

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NAICS	SIC	Corresponding Index Entries
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541219	8721	Accountants' (except CPAs) offices
541219	8721	Accountants' (except CPAs) private practices
541219	8721	Accounting services (except CPAs)
541219	8721	Billing services
541219	8721	Bookkeepers' offices
541219	8721	Bookkeepers' private practices
541219	8721	Bookkeeping services
541219	8721	Public accountants' (except CPAs) offices
541219	8721	Public accountants' (except CPAs) private practices

5413 Architectural, Engineering, and Related Services

54131 Architectural Services

541310 Architectural Services

This industry comprises establishments primarily engaged in planning and designing residential, institutional, leisure, commercial, and industrial buildings and structures by applying knowledge of design, construction procedures, zoning regulations, building codes, and building materials.

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NAICS	SIC	Corresponding Index Entries
541310	8712	Architects' (except landscape) offices
541310	8712	Architects' (except landscape) private practices
541310	8712	Architectural (except landscape) consultants' offices
541310	8712	Architectural (except landscape) design services
541310	8712	Architectural (except landscape) services
541310	8712	Building architectural design services

54132 Landscape Architectural Services

541320 Landscape Architectural Services

This industry comprises establishments primarily engaged in planning and designing the development of land areas for projects, such as parks and other recreational areas; airports; highways; hospitals; schools; land subdivisions; and commercial, industrial, and residential areas, by applying knowledge of land characteristics, location of buildings and structures, use of land areas, and design of landscape projects.

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NAICS	SIC	Corresponding Index Entries

541320	0781	Architects' offices, landscape
541320	0781	Architects' private practices, landscape
541320	0781	Architectural services, landscape
541320	8748	City planning services
541320	0781	Garden planning services
541320	8748	Golf course design services
541320	8748	Industrial land use planning services
541320	8748	Land use design services
541320	8748	Land use planning services
541320	0781	Landscape architects' offices
541320	0781	Landscape architects' private practices
541320	0781	Landscape architectural services
541320	0781	Landscape consulting services
541320	0781	Landscape design services
541320	0781	Landscape planning services
541320	8748	Ski area design services
541320	8748	Ski area planning services
541320	8748	Town planners' offices
541320	8748	Town planning services
541320	8748	Urban planners' offices
541320	8748	Urban planning services

54133 Engineering Services

541330 Engineering Services

This industry comprises establishments primarily engaged in applying physical laws and principles of engineering in the design, development, and utilization of machines, materials, instruments, structures, processes, and systems. The assignments undertaken by these establishments may involve any of the following activities: provision of advice, preparation of feasibility studies, preparation of preliminary and final plans and designs, provision of technical services during the construction or installation phase, inspection and evaluation of engineering projects, and related services.

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NAICS	SIC	Corresponding Index Entries
541330	8711	Acoustical engineering consulting services
541330	8711	Acoustical system engineering design services
541330	8711	Boat engineering design services
541330	8711	Chemical engineering services
541330	8711	Civil engineering services

541330	8711	Combustion engineering consulting services
541330	8711	Construction engineering services
541330	8711	Consulting engineers' offices
541330	8711	Consulting engineers' private practices
541330	8711	Electrical engineering services
541330	8711	Engineering consulting services
541330	8711	Engineering design services
541330	8711	Engineering services
541330	8711	Engineers' offices
541330	8711	Engineers' private practices
541330	8711	Environmental engineering services
541330	8711	Erosion control engineering services
541330	8711	Geological engineering services
541330	8711	Geophysical engineering services
541330	8711	Heating engineering consulting services
541330	8711	Industrial engineering services
541330	8711	Logging engineering services
541330	8711	Marine engineering services
541330	8711	Mechanical engineering services
541330	8711	Mining engineering services
541330	8711	Petroleum engineering services
541330	8748	Traffic engineering consulting services

54134 Drafting Services

541340 Drafting Services

This industry comprises establishments primarily engaged in drawing detailed layouts, plans, and illustrations of buildings, structures, systems, or components from engineering and architectural specifications.

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NAICS	SIC	Corresponding Index Entries
541340	7389	Blueprint drafting services
541340	7389	Drafting services
541340	7389	Draftsmen's offices

54135 Building Inspection Services

541350 Building Inspection Services

This industry comprises establishments primarily engaged in providing building inspection services. These establishments typically evaluate all aspects of the building structure and component systems and prepare a report on the physical condition of the property, generally for buyers or others involved in real estate transactions. Building inspection bureaus and establishments providing home inspection services are included in this industry.

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NAICS	SIC	Corresponding Index Entries
541350	7389	Building inspection bureaus
541350	7389	Building inspection services
541350	7389	Home inspection services
541350	7389	Inspection bureaus, building
541350	7389	Inspection services, building or home
541350	7389	Prepurchase home inspection services

54136 Geophysical Surveying and Mapping Services**541360 Geophysical Surveying and Mapping Services**

This industry comprises establishments primarily engaged in gathering, interpreting, and mapping geophysical data. Establishments in this industry often specialize in locating and measuring the extent of subsurface resources, such as oil, gas, and minerals, but they may also conduct surveys for engineering purposes. Establishments in this industry use a variety of surveying techniques depending on the purpose of the survey, including magnetic surveys, gravity surveys, seismic surveys, or electrical and electromagnetic surveys.

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NAICS	SIC	Corresponding Index Entries
541360	M	Aerial geophysical surveying services
541360	M	Electrical geophysical surveying services
541360	M	Electromagnetic geophysical surveying services
541360	M	Geological surveying services
541360	M	Geophysical mapping services
541360	M	Geophysical surveying services
541360	M	Gravity geophysical surveying services
541360	M	Magnetic geophysical surveying services
541360	M	Mapping services, geophysical
541360	M	Radioactive geophysical surveying services
541360	M	Remote sensing geophysical surveying services

541360	M	Seismic geophysical surveying services
541360	M	Surveying services, geophysical

54137 Surveying and Mapping (except Geophysical) Services

541370 Surveying and Mapping (except Geophysical) Services

This industry comprises establishments primarily engaged in performing surveying and mapping services of the surface of the earth, including the sea floor. These services may include surveying and mapping of areas above or below the surface of the earth, such as the creation of view easements or segregating rights in parcels of land by creating underground utility easements.

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NAICS	SIC	Corresponding Index Entries
541370	8713	Aerial surveying (except geophysical) services
541370	8713	Cadastral surveying services
541370	8713	Cartographic surveying services
541370	8713	Geodetic surveying services
541370	8713	Geographic information system (GIS) base mapping services
541370	8713	Geospatial mapping services
541370	8713	Hydrographic mapping services
541370	8713	Hydrographic surveying services
541370	8713	Land surveying services
541370	8713	Mapping (except geophysical) services
541370	7389	Photogrammetric mapping services
541370	8713	Surveying and mapping services (except geophysical)
541370	7389	Topographic mapping services
541370	7389	Topographic surveying services

54138 Testing Laboratories

541380 Testing Laboratories

This industry comprises establishments primarily engaged in performing physical, chemical, and other analytical testing services, such as acoustics or vibration testing, assaying, biological testing (except medical and veterinary), calibration testing, electrical and electronic testing, geotechnical testing, mechanical testing, nondestructive testing, or thermal testing. The testing may occur in a laboratory or on-site.

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NAICS	SIC	Corresponding Index Entries
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541380	8734	Acoustics testing laboratories or services
541380	8734	Assaying services
541380	8734	Automobile proving and testing grounds
541380	8734	Biological (except medical, veterinary) testing laboratories or services
541380	8734	Calibration and certification testing laboratories or services
541380	8734	Electrical testing laboratories or services
541380	8734	Electronic testing laboratories or services
541380	8734	Environmental testing laboratories or services
541380	8734	Film badge testing (i.e., radiation testing) laboratories or services
541380	8734	Fire insurance underwriters' laboratories
541380	8734	Food testing laboratories or services
541380	8734	Forensic (except medical) laboratories or services
541380	8734	Geotechnical testing laboratories or services
541380	8734	Hydrostatic testing laboratories or services
541380	8734	Industrial testing laboratories or services
541380	8734	Laboratory testing (except medical, veterinary) services
541380	8734	Mechanical testing laboratories or services
541380	8734	Metallurgical testing laboratories or services
541380	8734	Non-destructive testing laboratories or services
541380	8734	Pollution testing (except automotive emissions testing) services
541380	8734	Product testing laboratories or services
541380	8734	Radiation dosimetry (i.e., radiation testing) laboratories or services
541380	8734	Radiation testing laboratories or services
541380	8734	Radiographic testing laboratories or services
541380	8734	Radiographing welded joints on pipes and fittings
541380	8734	Radiography inspection services
541380	8734	Radon testing laboratories or services
541380	8734	Seed testing laboratories or services
541380	8734	Soil testing laboratories or services
541380	8734	Testing laboratories (except medical, veterinary)
541380	8734	Thermal testing laboratories or services
541380	8734	Vibration testing laboratories or services
541380	8734	X-ray inspection services

5414 Specialized Design Services

This industry group comprises establishments providing specialized design services (except architectural, engineering, and computer systems design).

54141 Interior Design Services**541410 Interior Design Services**

This industry comprises establishments primarily engaged in planning, designing, and administering projects in interior spaces to meet the physical and aesthetic needs of people using them, taking into consideration building codes, health and safety regulations, traffic patterns and floor planning, mechanical and electrical needs, and interior fittings and furniture. Interior designers and interior design consultants work in areas, such as hospitality design, health care design, institutional design, commercial and corporate design, and residential design. This industry also includes interior decorating consultants engaged exclusively in providing aesthetic services associated with interior spaces.

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NAICS	SIC	Corresponding Index Entries
541410	7389	Decorating consulting services, interior
541410	7389	Interior decorating consultant services
541410	7389	Interior decorating consulting services
541410	7389	Interior design consulting services
541410	7389	Interior design services
541410	7389	Interior designer services

54142 Industrial Design Services**541420 Industrial Design Services**

This industry comprises establishments primarily engaged in creating and developing designs and specifications that optimize the use, value, and appearance of their products. These services can include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human characteristics and needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance. Establishments providing automobile or furniture industrial design services or industrial design consulting services are included in this industry.

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NAICS	SIC	Corresponding Index Entries
541420	7389	Automobile industrial design services
541420	7389	Furniture design services
541420	7389	Handtool industrial design services
541420	7389	Industrial design consulting services
541420	7389	Industrial design services
541420	7389	Packaging industrial design services
541420	7389	Tool industrial design services

54143 Graphic Design Services**541430 Graphic Design Services**

This industry comprises establishments primarily engaged in planning, designing, and managing the production of visual communication in order to convey specific messages or concepts, clarify complex information, or project visual identities. These services can include the design of printed materials, packaging, advertising, signage systems, and corporate identification (logos). This industry also includes commercial artists engaged exclusively in generating drawings and illustrations requiring technical accuracy or interpretative skills.

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NAICS	SIC	Corresponding Index Entries
541430	7336	Art services, commercial
541430	7336	Art services, graphic
541430	7336	Art studios, commercial
541430	7336	Artists, independent commercial
541430	7336	Artists, independent graphic
541430	8099	Artists, independent medical
541430	7336	Commercial art services
541430	7336	Commercial artists, independent
541430	7336	Commercial illustration services
541430	7336	Commercial illustrators, independent
541430	7336	Communication design services, visual
541430	7336	Corporate identification (i.e., logo) design services
541430	7336	Graphic art and related design services
541430	7336	Graphic artists, independent
541430	7336	Graphic design services
541430	7336	Illustrators, independent commercial
541430	8099	Medical art services
541430	8099	Medical artists, independent
541430	8099	Medical illustration services
541430	8099	Medical illustrators, independent
541430	7336	Silk screen design services
541430	7336	Studios, commercial art

54149 Other Specialized Design Services**541490 Other Specialized Design Services**

This industry comprises establishments primarily engaged in providing professional design services

(except architectural, landscape architecture, engineering, interior, industrial, graphic, and computer system design).

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NAICS	SIC	Corresponding Index Entries
541490	7389	Clothing design services
541490	7389	Costume design services (except independent theatrical costume designers)
541490	7389	Fashion design services
541490	7389	Fashion designer services
541490	7389	Float design services
541490	7389	Fur design services
541490	7389	Jewelry design services
541490	7389	Shoe design services
541490	7389	Textile design services

5415 Computer Systems Design and Related Services

54151 Computer Systems Design and Related Services

This industry comprises establishments primarily engaged in providing expertise in the field of information technologies through one or more of the following activities: (1) writing, modifying, testing, and supporting software to meet the needs of a particular customer; (2) planning and designing computer systems that integrate computer hardware, software, and communication technologies; (3) on-site management and operation of clients' computer systems and/or data processing facilities; and (4) other professional and technical computer-related advice and services.

541511 Custom Computer Programming Services

This U.S. industry comprises establishments primarily engaged in writing, modifying, testing, and supporting software to meet the needs of a particular customer.

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NAICS	SIC	Corresponding Index Entries
541511	7371	Applications software programming services, custom computer
541511	7371	Computer program or software development, custom
541511	7371	Computer programming services, custom
541511	7371	Computer software analysis and design services, custom
541511	7371	Computer software programming services, custom
541511	7371	Computer software support services, custom
541511	7371	Programming services, custom computer
541511	7371	Software analysis and design services, custom computer

541511	7371	Software programming services, custom computer
541511	7371	WEB (i.e., internet) page design services, custom

541512 Computer Systems Design Services

This U.S. industry comprises establishments primarily engaged in planning and designing computer systems that integrate computer hardware, software, and communication technologies. The hardware and software components of the system may be provided by this establishment or company as part of integrated services or may be provided by third parties or vendors. These establishments often install the system and train and support users of the system.

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NAICS	SIC	Corresponding Index Entries
541512	7373	CAD (computer-aided design) systems integration design services
541512	7373	CAE (computer-aided engineering) systems integration design services
541512	7373	CAM (computer-aided manufacturing) systems integration design services
541512	7373	Computer systems integration analysis and design services
541512	7379	Computer systems integration design consulting services
541512	7373	Computer systems integrator services
541512	7373	Computer-aided design (CAD) systems integration design services
541512	7373	Computer-aided engineering (CAE) systems integration design services
541512	7373	Computer-aided manufacturing (CAM) systems integration design services
541512	7373	Information management computer systems integration design services
541512	7373	Local area network (LAN) computer systems integration design services
541512	7373	Network systems integration design services, computer
541512	7373	Office automation computer systems integration design services
541512	7373	Systems integration design consulting services, computer
541512	7373	Systems integration design services, computer

541513 Computer Facilities Management Services

This U.S. industry comprises establishments primarily engaged in providing on-site management and operation of clients' computer systems and/or data processing facilities. Establishments providing computer systems or data processing facilities support services are included in this industry.

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NAICS	SIC	Corresponding Index Entries
541513	7376	Computer systems facilities (i.e., clients' facilities) management and operation services
541513	7376	Data processing facilities (i.e., clients' facilities) management and operation services
		Facilities (i.e., clients' facilities) management and operation services, computer systems

541513	7376	or da
541513	7376	Facilities (i.e., clients' facilities) support services, computer systems or data processing

541519 Other Computer Related Services

This U.S. industry comprises establishments primarily engaged in providing computer related services (except custom programming, systems integration design, and facilities management services). Establishments providing computer disaster recovery services or software installation services are included in this industry.

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NAICS	SIC	Corresponding Index Entries
541519	7379	Computer disaster recovery services
541519	7379	Software installation services, computer

5416 Management, Scientific, and Technical Consulting Services

54161 Management Consulting Services

This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on management issues, such as strategic and organizational planning; financial planning and budgeting; marketing objectives and policies; human resource policies, practices, and planning; production scheduling; and control planning.

541611 Administrative Management and General Management Consulting Services

This U.S. industry comprises establishments primarily engaged in providing operating advice and assistance to businesses and other organizations on administrative management issues, such as financial planning and budgeting, equity and asset management, records management, office planning, strategic and organizational planning, site selection, new business startup, and business process improvement. This industry also includes establishments of general management consultants that provide a full range of administrative; human resource; marketing; process, physical distribution, and logistics; or other management consulting services to clients.

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NAICS	SIC	Corresponding Index Entries
541611	8742	Administrative management consulting services
541611	8742	Business management consulting services
541611	8742	Business start-up consulting services
541611	8742	Financial management consulting (except investment advice) services
541611	8742	General management consulting services
541611	8742	Records management consulting services

541611	8742	Reorganizational consulting services
541611	8742	Site location consulting services
541611	8742	Site selection consulting services
541611	8742	Strategic planning consulting services

541612 Human Resources and Executive Search Consulting Services

This U.S. industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations in one or more of the following areas: (1) human resource and personnel policies, practices, and procedures; (2) employee benefits planning, communication, and administration; (3) compensation systems planning; (4) wage and salary administration; and (5) executive search and recruitment.

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NAICS	SIC	Corresponding Index Entries
541612	8999	Actuarial consulting services
541612	8742	Benefit consulting services
541612	8742	Compensation consulting services
541612	8742	Compensation planning services
541612	8742	Employee assessment consulting services
541612	8742	Employee benefit consulting services
541612	8742	Employee compensation consulting services
541612	7361	Executive placement consulting services
541612	7361	Executive search consulting services
541612	8742	Human resource consulting services
541612	8742	Labor relations consulting services
541612	8742	Organization development consulting services
541612	8742	Personnel management consulting services

541613 Marketing Consulting Services

This U.S. industry comprises establishments primarily engaged in providing operating advice and assistance to businesses and other organizations on marketing issues, such as developing marketing objectives and policies, sales forecasting, new product developing and pricing, licensing and franchise planning, and marketing planning and strategy.

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NAICS	SIC	Corresponding Index Entries
541613	8742	Customer service management consulting services
541613	8742	Marketing consulting services

541613	8742	Marketing management consulting services
541613	8742	New product development consulting services
541613	8742	Sales management consulting services

541614 Process, Physical Distribution, and Logistics Consulting Services

This U.S. industry comprises establishments primarily engaged in providing operating advice and assistance to businesses and other organizations in areas, such as: (1) manufacturing operations improvement; (2) productivity improvement; (3) production planning and control; (4) quality assurance and quality control; (5) inventory management; (6) distribution networks; (7) warehouse use, operations, and utilization; (8) transportation and shipment of goods and materials; and (9) materials management and handling.

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NAICS	SIC	Corresponding Index Entries
541614	4731	Customs consulting services
541614	8742	Efficiency management (i.e., efficiency expert) consulting services
541614	4731	Freight rate auditor services
541614	4731	Freight rate consulting services
541614	4731	Freight traffic consulting services
541614	8742	Inventory planning and control management consulting services
541614	8742	Logistics management consulting services
541614	8742	Manufacturing management consulting services
541614	8742	Manufacturing operations improvement consulting services
541614	8742	Materials management consulting services
541614	8742	Operations research consulting services
541614	8742	Physical distribution consulting services
541614	8742	Production planning and control consulting services
541614	8742	Productivity improvement consulting services
541614	4731	Tariff rate consulting services
541614	4731	Tariff rate information services
541614	8742	Transportation management consulting services

541618 Other Management Consulting Services

This U.S. industry comprises establishments primarily engaged in providing management consulting services (except administrative and general management consulting; human resources consulting; marketing consulting; or process, physical distribution, and logistics consulting). Establishments providing telecommunications or utilities management consulting services are included in this industry.

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NAICS	SIC	Corresponding Index Entries
541618	8748	Telecommunications management consulting services
541618	8748	Utilities management consulting services

54162 Environmental Consulting Services**541620 Environmental Consulting Services**

This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on environmental issues, such as the control of environmental contamination from pollutants, toxic substances, and hazardous materials. These establishments identify problems (e.g., inspect buildings for hazardous materials), measure and evaluate risks, and recommend solutions. They employ a multidisciplinary staff of scientists, engineers, and other technicians with expertise in areas, such as air and water quality, asbestos contamination, remediation, and environmental law. Establishments providing sanitation or site remediation consulting services are included in this industry.

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NAICS	SIC	Corresponding Index Entries
541620	8748	Environmental consulting services
541620	8999	Sanitation consulting services
541620	8748	Site remediation consulting services

54169 Other Scientific and Technical Consulting Services**541690 Other Scientific and Technical Consulting Services**

This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on scientific and technical issues (except environmental).

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NAICS	SIC	Corresponding Index Entries
541690	8748	Agricultural consulting services
541690	8748	Agrology consulting services
541690	8748	Agronomy consulting services
541690	8748	Biological consulting services
541690	8999	Chemical consulting services
541690	8748	Dairy herd consulting services
541690	8748	Economic consulting services
541690	8748	Energy consulting services

541690	8999	Entomology consulting services
541690	8999	Geochemical consulting services
541690	0781	Horticultural consulting services
541690	8748	Hydrology consulting services
541690	8748	Livestock breeding consulting services
541690	8748	Motion picture consulting services
541690	8999	Nuclear energy consulting services
541690	8999	Physics consulting services
541690	8748	Radio consulting services
541690	8748	Safety consulting services
541690	8748	Security consulting services

5417 Scientific Research and Development Services

This industry group comprises establishments engaged in conducting original investigation undertaken on a systematic basis to gain new knowledge (research) and/or the application of research findings or other scientific knowledge for the creation of new or significantly improved products or processes (experimental development). The industries within this industry group are defined on the basis of the domain of research; that is, on the scientific expertise of the establishment.

54171 Research and Development in the Physical, Engineering, and Life Sciences

541710 Research and Development in the Physical, Engineering, and Life Sciences

This industry comprises establishments primarily engaged in conducting research and experimental development in the physical, engineering, or life sciences, such as agriculture, electronics, environmental, biology, botany, biotechnology, computers, chemistry, food, fisheries, forests, geology, health, mathematics, medicine, oceanography, pharmacy, physics, veterinary, and other allied subjects.

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NAICS	SIC	Corresponding Index Entries
541710	8733	Agriculture research and development laboratories or services
541710	8733	Bacteriological research and development laboratories or services
541710	8733	Biology research and development laboratories or services
541710	8733	Biotechnology research and development laboratories or services
541710	8733	Botany research and development laboratories or services
541710	8733	Cancer research laboratories or services
541710	8733	Cerebral palsy research laboratories or services
541710	8733	Chemical research and development laboratories or services
541710	8733	Computer and related hardware research and development laboratories or services
541710	8733	Dental research and development laboratories or services

541710	8733	Electronic research and development laboratories or services
541710	8733	Engineering research and development laboratories or services
541710	8733	Entomological research and development laboratories or services
541710	8733	Environmental research and development laboratories or services
541710	8733	Experimental farms
541710	8733	Fisheries research and development laboratories or services
541710	8733	Food research and development laboratories or services
541710	8733	Forestry research and development laboratories or services
541710	8733	Genetics research and development laboratories or services
541710	8733	Geological research and development laboratories or services
541710	3764	Guided missile and space vehicle engine research and development
541710	3769	Guided missile and space vehicle parts (except engines) research and development
541710	8733	Health research and development laboratories or services
541710	8733	Industrial research and development laboratories or services
541710	8733	Life sciences research and development laboratories or services
541710	8733	Mathematics research and development laboratories or services
541710	8733	Medical research and development laboratories or services
541710	8733	Oceanographic research and development laboratories or services
541710	8733	Physical science research and development laboratories or services
541710	873M	Physics research and development laboratories or services
541710	8733	Veterinary research and development laboratories or services

54172 Research and Development in the Social Sciences and Humanities

541720 Research and Development in the Social Sciences and Humanities

This industry comprises establishments primarily engaged in conducting research and analyses in cognitive development, sociology, psychology, language, behavior, economic, and other social science and humanities research.

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NAICS	SIC	Corresponding Index Entries
541720	8733	Archeological research and development services
541720	8732	Behavioral research and development services
541720	8732	Business research and development services
541720	8732	Cognitive research and development services
541720	8732	Demographic research and development services
541720	8732	Economic research and development services
541720	873M	Humanities research and development services

541720	8732	Language research and development services
541720	8732	Learning disabilities research and development services
541720	8732	Psychology research and development services
541720	8732	Social science research and development services
541720	8732	Sociological research and development services
541720	8732	Sociology research and development services

5418 Advertising and Related Services

54181 Advertising Agencies

541810 Advertising Agencies

This industry comprises establishments primarily engaged in creating advertising campaigns and placing such advertising in periodicals, newspapers, radio and television, or other media. These establishments are organized to provide a full range of services (i.e., through in-house capabilities or subcontracting), including advice, creative services, account management, production of advertising material, media planning, and buying (i.e., placing advertising).

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NAICS	SIC	Corresponding Index Entries
541810	7311	Advertising agencies
541810	7311	Advertising agency consulting services

54182 Public Relations Agencies

541820 Public Relations Agencies

This industry comprises establishments primarily engaged in designing and implementing public relations campaigns. These campaigns are designed to promote the interests and image of their clients. Establishments providing lobbying, political consulting, or public relations consulting are included in this industry.

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NAICS	SIC	Corresponding Index Entries
541820	8743	Lobbying services
541820	8743	Lobbyists' offices
541820	8743	Political consulting services
541820	8743	Public relations agencies
541820	8743	Public relations consulting services
541820	8743	Public relations services

54183 Media Buying Agencies**541830 Media Buying Agencies**

This industry comprises establishments primarily engaged in purchasing advertising time or space from media outlets and reselling it to advertising agencies or individual companies directly.

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NAICS	SIC	Corresponding Index Entries
541830	7319	Media buying agencies
541830	7319	Media buying services

54184 Media Representatives**541840 Media Representatives**

This industry comprises establishments of independent representatives primarily engaged in selling media time or space for media owners.

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NAICS	SIC	Corresponding Index Entries
541840	7313	Advertising media representatives (i.e., independent of media owners)
541840	7313	Magazine advertising representatives (i.e., independent of media owners)
541840	7313	Media advertising representatives (i.e., independent of media owners)
541840	7313	Media representatives (i.e., independent of media owners)
541840	7313	Newspaper advertising representatives (i.e., independent of media owners)
541840	7313	Publishers' advertising representatives (i.e., independent of media owners)
541840	7313	Radio advertising representatives (i.e., independent of media owners)
541840	7313	Television advertising representatives (i.e., independent of media owners)

54185 Display Advertising**541850 Display Advertising**

This industry comprises establishments primarily engaged in creating and designing public display advertising, campaign materials, such as printed, painted, or electronic displays, and/or placing such displays on indoor or outdoor billboards and panels, or on or within transit vehicles or facilities, shopping malls, retail (in-store) displays, and other display structures or sites.

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NAICS	SIC	Corresponding Index Entries
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541850	7312	Advertising services, indoor or outdoor display
541850	7319	Advertising, aerial
541850	7312	Billboard display advertising services
541850	7312	Bus card advertising services
541850	7312	Bus display advertising services
541850	7319	Display advertising services
541850	7312	Indoor display advertising services
541850	7312	Out-of-home media (i.e., display) advertising services
541850	7312	Outdoor display advertising services
541850	7312	Store display advertising services
541850	7312	Subway card display advertising services
541850	7312	Taxicab card advertising services
541850	7312	Transit advertising services

54186 Direct Mail Advertising

541860 Direct Mail Advertising

This industry comprises establishments primarily engaged in (1) creating and designing advertising campaigns for the purpose of distributing advertising materials (e.g., coupons, flyers, samples) or specialties (e.g., key chains, magnets, pens with customized messages imprinted) by mail or other direct distribution; and/or (2) preparing advertising materials or specialties for mailing or other direct distribution. These establishments may also compile, maintain, sell, and rent mailing lists.

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NAICS	SIC	Corresponding Index Entries
541860	7331	Advertising material preparation services for mailing or other direct distribution
541860	7331	Direct mail advertising services
541860	7331	Direct mail or other direct distribution advertising campaign services

54187 Advertising Material Distribution Services

541870 Advertising Material Distribution Services

This industry comprises establishments primarily engaged in the direct distribution or delivery of advertisements (e.g., circulars, coupons, handbills) or samples. Establishments in this industry use methods, such as delivering advertisements or samples door-to-door, placing flyers or coupons on car windshields in parking lots, or handing out samples in retail stores.

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NAICS	SIC	Corresponding Index Entries
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541870	7319	Advertising material (e.g., coupons, flyers, samples) direct distribution services
541870	7319	Circular direct distribution services
541870	7319	Coupon direct distribution services
541870	7389	Directory, telephone, distribution on a contract basis
541870	7319	Door-to-door distribution of advertising materials (e.g., coupons, flyers, samples)
541870	7319	Flyer direct distribution (except direct mail) services
541870	7319	Handbill direct distribution services
541870	7319	Sample direct distribution services
541870	7319	Telephone directory distribution services, door-to-door

54189 Other Services Related to Advertising

541890 Other Services Related to Advertising

This industry comprises establishments primarily engaged in providing advertising services (except advertising agency services, public relations agency services, media buying agency services, media representative services, display advertising services, direct mail advertising services, advertising material distribution services, and marketing consulting services).

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NAICS	SIC	Corresponding Index Entries
541890	5199	Advertising specialty (e.g., keychain, magnet, pen) distribution services
541890	7319	Demonstration services, merchandise
541890	7319	Display lettering services
541890	7389	Mannequin decorating services
541890	7319	Sign lettering and painting services
541890	7389	Welcoming services (i.e., advertising services)
541890	7319	Window dressing or trimming services, store

5419 Other Professional, Scientific, and Technical Services

This industry group comprises establishments engaged in professional, scientific, and technical services (except legal services; accounting, tax preparation, bookkeeping, and related services; architectural, engineering, and related services; specialized design services; computer systems design and related services; management, scientific, and technical consulting services; scientific research and development services; and advertising and related services).

54191 Marketing Research and Public Opinion Polling

541910 Marketing Research and Public Opinion Polling

This industry comprises establishments primarily engaged in systematically gathering, recording, tabulating, and presenting marketing and public opinion data.

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NAICS	SIC	Corresponding Index Entries
541910	8732	Broadcast media rating services
541910	8732	Marketing analysis services
541910	8732	Marketing research services
541910	8732	Opinion research services
541910	8732	Political opinion polling services
541910	8732	Public opinion polling services
541910	8732	Public opinion research services
541910	8732	Sampling services, statistical

54192 Photographic Services

This industry comprises establishments primarily engaged in providing still, video, or digital photography services. These establishments may specialize in a particular field of photography, such as commercial and industrial photography, portrait photography, and special events photography. Commercial or portrait photography studios are included in this industry.

541921 Photography Studios, Portrait

This U.S. industry comprises establishments known as portrait studios primarily engaged in providing still, video, or digital portrait photography services.

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NAICS	SIC	Corresponding Index Entries
541921	7221	Passport photography services
541921	7221	Photography services, portrait (e.g., still, video)
541921	7221	Photography studios, portrait
541921	7221	Portrait photography services
541921	7221	Portrait photography studios
541921	7221	School photography (i.e., portrait photography) services
541921	7221	Video photography services, portrait
541921	7221	Video taping services, special events (e.g., birthdays, weddings)
541921	7221	Wedding photography services

541922 Commercial Photography

This U.S. industry comprises establishments primarily engaged in providing commercial photography

services, generally for advertising agencies, publishers, and other business and industrial users.

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NAICS	SIC	Corresponding Index Entries
541922	7335	Commercial photography services
541922	8099	Medical photography services
541922	7335	Photographers specializing in aerial photography
541922	7335	Photography services, commercial
541922	7335	Photography studios, commercial

54193 Translation and Interpretation Services

541930 Translation and Interpretation Services

This industry comprises establishments primarily engaged in translating written material and interpreting speech from one language to another and establishments primarily engaged in providing sign language services.

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NAICS	SIC	Corresponding Index Entries
541930	7389	Interpretation services, language
541930	7389	Language interpretation services
541930	7389	Language services (e.g., interpretation, sign, translation)
541930	7389	Language translation services
541930	7389	Sign language services
541930	7389	Speech (i.e., language) interpretation services
541930	7389	Translation services, language

54194 Veterinary Services

541940 Veterinary Services

This industry comprises establishments of licensed veterinary practitioners primarily engaged in the practice of veterinary medicine, dentistry, or surgery for animals; and establishments primarily engaged in providing testing services for licensed veterinary practitioners.

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NAICS	SIC	Corresponding Index Entries
541940	0742	Animal hospitals
541940	0742	Disease testing services, veterinary

541940	0741	Hospitals, animal
541940	074*	Internists' offices, veterinary
541940	8734	Laboratory testing services, veterinary
541940	0741	Livestock inspecting and testing services, veterinary
541940	0741	Livestock veterinary services
541940	0742	Pet hospitals
541940	0742	Small animal veterinary services
541940	0742	Surgeons' offices, veterinary
541940	0741	Surgery services, veterinary
541940	0742	Testing laboratories, veterinary
541940	8734	Testing services for veterinarians
541940	0741	Vaccination services, veterinary
541940	0742	Veterinarians' offices
541940	0741	Veterinarians' practices
541940	0741	Veterinary clinics
541940	074*	Veterinary services
541940	0741	Veterinary services, livestock
541940	0742	Veterinary services, pets and other animal specialties
541940	8734	Veterinary testing laboratories

54199 All Other Professional, Scientific, and Technical Services

541990 All Other Professional, Scientific, and Technical Services

This industry comprises establishments primarily engaged in the provision of professional, scientific, or technical services (except legal services; accounting, tax preparation, bookkeeping, and related services; architectural, engineering, and related services; specialized design services; computer systems design and related services; management, scientific, and technical consulting services; scientific research and development services; advertising and related services; market research and public opinion polling; photographic services; translation and interpretation services; and veterinary services).

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NAICS	SIC	Corresponding Index Entries
541990	7389	Appraisal (except real estate) services
541990	7389	Arbitration and conciliation services (except by attorney, paralegal)
541990	7389	Commodity inspection services
541990	7389	Consumer credit counseling services
541990	7389	Credit repair (i.e., counseling) services, consumer
541990	7389	Estate assessment (i.e., appraisal) services
541990	7389	Handwriting analysis services

541990	7389	Handwriting expert services
541990	4499	Marine surveyor (i.e., ship appraiser) services
541990	8999	Meteorological services
541990	7389	Outplacement services
541990	7389	Patent broker services (i.e., patent marketing services)
541990	7389	Patrolling (i.e., visual inspection) of electric transmission or gas lines
541990	7389	Pipeline inspection (i.e., visual) services
541990	7389	Power line inspection (i.e., visual) services
541990	7389	Quantity surveyor services
541990	8999	Weather forecasting services

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