

Scan/US®

Scan/US Business 2024

A comprehensive geographic summary of
U.S. business and employee counts



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Scan/US Business 2024

A comprehensive geographic summary database of U.S. business and employee counts

Scan/US Business 2024

Scan/US Business 2024 presents geographic summaries of data from a comprehensive, industry-standard business list of over thirteen million establishments covering one hundred and fifty eight million employees. Establishment and employment data are classified by standard industry categories (SIC and NAICS), establishment size, a custom business type with focus on land-use, and employee occupation. Summaries are available for all standard levels of geography, including US, states, MSAs, places, counties, county subdivisions, Zip codes, census tracts, block groups and Scan/US microgrids. Users of the Scan/US application can easily obtain custom summaries for user-defined polygonal areas, ring and drive time areas and any arbitrary groupings of standard geography. The data are current as of January 2024.

Data sources and methodology

Primary source for the summary database is the InfoGroup (formerly InfoUSA) business-list data base. This list is compiled from multiple sources such as business white pages and Yellow Pages, annual and 10K SEC filings, and government and USPS data, and continuously maintained through annual telephone verification of data for each business in the database. Data for each business establishment include its physical location, actual reported (or in some cases estimated) number of employees, and multiple codes detailing its industrial, franchising and administrative/subsidiary classification. Branch locations of multiple-location firms are distinguished from their headquarters, both national and regional.

Using the Scan/US Geocoder, virtually all source database records with physical addresses were geocoded at the address level and these records then participate in summaries on all levels. About 5.3% of the establishments are addressed to post office boxes in multi-coded city Zip codes; these could be geolocated down to the Zip and county levels only.

Scan/US estimated the distribution of employees by occupation for each summary area. The occupation categories correspond to the occupation breakdown reported in the 2020 Census. Employees of individual establishments were assigned to the several occupation categories using a localized industry-to-occupation matrix. For each of 20 summary industries, the matrix used presents the proportion of total employment accounted for by each of 24 occupation categories. To account for regional differences, individual matrices were developed for each of the 179 Bureau of Economic Analysis economic areas, county aggregates of economically-related counties. A national matrix was derived from the 2019 5-year American Community Survey public use microdata sample and, for each economic area, recalibrated to match 2019 1-year American Community Survey occupation distribution and current business database industry counts.

Summary data available

Data available on all levels of geography include (number of items indicated in parentheses):

- Totals Counts of establishments and employees (2)
Counts of administrative establishments and employees (2)
- Employeesize Establishments by number of employees (9)
Establishments with 20+employees by industry (SIC and NAICS) (74, 104)
- Industry Establishments by SIC industry (74)
Employment by SIC industry (74)
Establishments by NAICS industry (104)
Employment by NAICS industry (104)
- Occupation Employment by occupation (24)
- Business type Establishments by business type (38)
Employment by business type (38)
- Retail Establishments by retail category (68)
Employment by retail category (68)

Establishment size by number of employees

Employee size of establishments is recorded in the source database as an actual count of employees and as an assignment to an employee size range category (e.g., 5 to 10 employees). In a substantial number of cases the “actual” number of employees was obtained as a result of the annual telephone follow-up. In remaining cases the number was modeled using detailed industry-specific average employment size rates reported in the US Census County Business Patterns, adjusted to agree with major industry averages at the county level.

The establishment employee size estimates do not distinguish between full-time and part-time employment. Underreported in the database are agricultural and public sector establishments and employment, largely reflecting the obtainable sources for the businesslist and its focus on private sector businesses. Often the employment for an entire jurisdiction is reported at the location of the public agency headquarters. Establishments with over 10000employees were screened and their employment counts in some cases revised after comparison against independent sources.

Counts by employee size are reported in 9 categories:

- 1–4employees
- 5–9employees
- 10 – 19 employees
- 20 – 49 employees
- 50 – 99 employees
- 100 – 249 employees
- 250 – 499 employees
- 500 – 999 employees
- 1000+employees

Establishments with twenty or more employees are additionally summarized for each SIC and NAICS industry.

Industry

Establishments and employment are summarized both by the 2022 NAICS code and by SIC code. The NAICS (North American Industrial Classification System) coding scheme became in 1997 the national standard for identifying a firm's primary business activity, replacing the SIC (Standard Industrial Classification) coding system used over several decades for reporting economic statistics. NAICS was designed to more accurately reflect the changing industrial composition of US economy: the shift from manufacturing to a service-based economy, emergence of information and hi-tech industries and of large-scale retailing.

Previous editions of the business database were limited to industry summary by SIC only. Legacy SIC codes continue to be used for various purposes by agencies in some states and by business. In the source business list itself, the native industry coding employs multiple 6-digit SIC codes to describe the various facets of a firm's business.

NAICS classification

Establishments and employment counts are reported for 104 NAICS industries. These consolidate the 1057 individual industry codes at varying levels of detail. Retail trade is summarized here at the 3-digit sub sector level; an expanded list of 68 retail trade and service categories is presented separately, see below. The industries are grouped into 20 NAICS sectors in the list following (codes defining the industry categories appear with each title in parentheses).

Establishments SIC-coded "Agricultural Services (07)" have been reclassified in the source database into various NAICS industries, resulting in an empty NAICS "Agricultural Services (115)" category in the present edition.

Agriculture/forestry/fishing

- 1 Agriculture/forestry/fishing (11 exc 115)
- 2 Agricultural services (115)

Mining

- 3 Oil and gas extraction (211)
- 4 Coal/ore mining (21 exc 211)

Utilities

- 5 Utilities (22)

Construction

- 6 General construction (23 exc 237)
- 7 Heavy construction (237)

Manufacturing

- 8 Food mfg (311)
- 9 Beverage, tobacco products (312)
- 10 Textile mills (313)
- 11 Textile products (314)
- 12 Apparel mfg (315)
- 13 Leather mfg (316)
- 14 Wood products (321)
- 15 Paper mfg (322)
- 16 Printing (323)
- 17 Petroleum, coal products (324)
- 18 Chemicals (325)
- 19 Plastics/rubber products (326)
- 20 Nonmetallic mineral products (327)
- 21 Primary metal mfg (331)
- 22 Fabricated metals (332)
- 23 Machinery mfg (333)
- 24 Computer, electronic products (334)
- 25 Electrical equipment, appliances (335)
- 26 Transportation equipment (336)
- 27 Furniture mfg (337)
- 28 Miscellaneous manufacturing (33 nec)

Wholesale trade

- 29 Durable goods (423)
- 30 Nondurable goods (424)
- 31 Electronic markets and brokers (425)

Retail trade

- 32 Motor vehicle and parts dealers (441)
- 33 Furniture and home furnishings (442)
- 34 Electronics and appliances (443)
- 35 Building materials and garden supplies (444)
- 36 Food and beverage stores (445)
- 37 Health and personal care stores (446)
- 38 Gasoline stations (447)
- 39 Clothing and clothing accessories (448)
- 40 Sporting goods, hobby, book, music stores (451)
- 41 General merchandise stores (452)
- 42 Miscellaneous store retailers (453)
- 43 Nonstore retailers (454)

Transportation and warehousing

- 44 Transportation (48)
- 45 Warehousing/storage, postal/courier service Information

Information

- 46 Publishing (511 nec)
- 47 Software publishers (5112)
- 48 Motion pictures and video (512 nec)
- 49 Movie theaters (512131)
- 50 Broadcasting (except Internet) (515)
- 51 Telecommunications (517)
- 52 Data processing, hosting (518)
- 53 Other Information Services (519)

Finance and insurance

- 54 Banking and related (52 nec)
- 55 Insurance carriers and related (524)

Real estate, rental and leasing

- 56 Real estate (531)
- 57 Rental and leasing (53 nec)

Professional, scientific, technical services

- 58 Legal services (5411)
- 59 Accounting and related (5412)
- 60 Architectural, engineering and related (5413)
- 61 Specialized design (5414)

62 Computer systems design and related (5415)
 63 Management, scientific, technical consulting (5416)
 64 Scientific research and development (5417)
 65 Advertising, public relations, and related (5418)
 66 Other prof/scientific/tech services (5419)

Management of companies and enterprises

67 Management of companies and enterprises (55)

Administrative and waste management services

68 Administrative and support (561)
 69 Waste management and remediation (562)

Educational services

70 Elementary and Secondary Schools (6111)
 71 Colleges, universities (6112-3)
 72 Business schools, computer and mgmt training (6114)
 73 Technical and trade schools (6115)
 74 Educational services (611 nec)

Health care and social assistance

75 Offices of physicians (6211)
 76 Offices of dentists (6212)
 77 Other health practitioners (6213)
 78 Outpatient care (6214)
 79 Medical and diagnostic laboratories (6215)
 80 Home health care services (6216)
 81 Ambulatory health care services (621 nec)
 82 General medical and surgical hospitals (6221)
 83 Psychiatric, substance abuse hospitals (6222)
 84 Other hospitals (622 nec)

85 Nursing and residential care (623)
 86 Individual and family services (6241)
 87 Community relief services (6242)
 88 Vocational rehabilitation (6243)
 89 Child day care services (6244)

Arts, entertainment, and recreation

90 Performing arts (7111)
 91 Spectator sports (7112)
 92 Promoters of performing arts, sports (7113)
 93 Agents and Managers (7114)
 94 Independent artists, writers, performers (7115)
 95 Museums, zoos, historical sites (712)
 96 Amusement, gambling, and recreation (713 nec)
 97 Fitness Centers (71394)

Accommodation and food services

98 Accommodation (721)
 99 Food services and drinking places (722)

Other services

100 Repair and maintenance services (811)
 101 Personal care services (812 nec)
 102 Death care services (8122)
 103 Religious, civic, professional orgs (813)

Public administration

104 Public administration

SIC classification

Establishments are classified into 74 categories by SIC code. These are summary categories mostly at the 2-digit major industry level, although some further detail is broken out in retail and retail services.

Establishments that could not be classified are relatively few, involving about 2% of the total and a negligible amount of employment.

The following lists the SIC categories used (codes making up the categories are in parentheses):

Agriculture/forestry/fishing

1 Agriculture, forestry, fishing (01-2,08-9)
 2 Agricultural services (07)

Mining

3 Mining (10,12,14)
 4 Oil/gas extraction (13)

Contract construction

5 General construction (15)
 6 Heavy construction (16-7)

Manufacturing

7 Food mfg (20)
 8 Tobacco mfg (21)
 9 Textile mills (22)
 10 Apparel & other textile mfg (23)
 11 Lumber & wood products (24)
 12 Furniture & fixture mfg (25)
 13 Paper mfg (26)
 14 Printing & publishing (27)
 15 Chemicals & allied products (28)
 16 Petroleum refining (29)
 17 Rubber & plastics (30)
 18 Leather & leather products (31)
 19 Stone, clay, glass, concrete (32)
 20 Primary & fabricated metal (33-4)
 21 Machinery & equipment mfg (35-9)

Transportation/communications/utilities

22 Transportation (40-6)
 23 Travel services (4724-5)
 24 Transportation services (47 nec)
 25 Communications (48)
 26 Utilities (49)

Wholesale trade

27 Wholesale, durables (50)
 28 Wholesale, nondurables (51)

Retail trade

29 Bldg mat, hdwe, garden supply dlrs (52)
 30 General merchandise stores (53)
 31 Food markets (5411 nec)
 32 Convenience stores (541103)
 33 Other food stores (54 nec)
 34 Automotive dealers & gas stations (55)
 35 Apparel & accessory stores (56)
 36 Furniture stores (5712)
 37 Home furnishings stores (5713-4,5719,5722)
 38 Home electronics & computer stores (5731,5734)
 39 Music stores (5735-6)
 40 Restaurants (581208)
 41 Other food service (5812 nec)
 42 Bars & cocktail lounges (5813)
 43 Drug stores (5912)
 44 Liquor stores (5921)

45 Specialty retail stores (594,599)
 46 Mail order, direct sales, fuel dlr (596,598)

Finance/insurance/real estate

47 Banking & finance (60-2)
 48 Insurance carriers (63)
 49 Insurance brokers/agents (64)
 50 Real estate (65)

Services

51 Hotels & other lodging (70)
 52 Dry cleaners & laundry (72)
 53 Beauty & barber shops (7231,7241)
 54 Other personal services (7221,7251,7261,7291,7299)
 55 Advertising (731)
 56 Computer-related services (737)
 57 Other business services (73 nec)
 58 Automotive repair services (75)
 59 Misc repair services (76)
 60 Motion pictures & theaters (78,7922)
 61 Amusement & entertainment services (79)

62 Medical & health services (801-4)
 63 Hospitals & other health facilities (805-9)
 64 Legal services (81)
 65 Elementary & secondary schools (8211)
 66 Colleges & universities (822)
 67 Other education & libraries (82 nec)
 68 Social services (83 nec)
 69 Child care services (8351)
 70 Museums & zoos (84)
 71 Membership organizations (86)
 72 Professional services (87,89)

Government

73 Government

Nonclassifiable establishments

74 Nonclassifiable e establishments

Occupation

Occupational breakdown of an area's employment is summarized in 24 categories. This classification corresponds to the standard way the Census Bureau reports occupation, for example in the American Community Survey table C24010. It supersedes the categories used in previous editions of the database which focused on the now obsolete distinction between white and blue collar occupations: these are no longer included.

Specific occupations making up the summary categories are listed in detail in Appendix A.

The occupation categories are as follows:

Management and professions

1 Management
 2 Business and financial operations
 3 Computer and mathematical
 4 Architecture and engineering
 5 Life, physical, and social science
 6 Community and social service
 7 Legal
 8 Education, training, and library
 9 Arts, design, entertainment, sports, and media
 10 Health diagnosing and treating practitioners
 11 Health technologists and technicians

Service occupations

12 Healthcare support
 13 Protective service
 14 Food preparation and serving
 15 Building and grounds maintenance
 16 Personal care and service

Sales and office occupations

17 Sales
 18 Office and administrative support

Natural resources, construction, maintenance

19 Farming, fishing, and forestry
 20 Construction and extraction
 21 Installation, maintenance, and repair

Production, transport, material moving

22 Production
 23 Transportation
 24 Material moving

Business Type

An industry classification scheme such as NAICS groups establishments based on the similarity of production processes they use, without regard to their land use or siting preference. The business type classification uses detailed SIC codes to group establishments according to their most likely siting in an industrial, manufacturing, commercial or office setting. A crossreference table will be made available upon request.

Categories below whose titles contain terms “small firms”, “small module” or “small office” break out establishments with under 10 employees.

Business commonly sited on industrial land

- 01 Mining
- 02 Construction
- 03 Construction, small firms
- 04 Technological activities & research
- 05 Transportation
- 06 Wholesale trade –industrial
- 07 Warehousing
- 08 General industrial

Manufacturing

- 09 Heavy manufacturing
- 10 General manufacturing
- 11 Light manufacturing
- 12 Manufacturing, small module

Business commonly sited on commercial land

- 13 Retail trade
- 14 Restaurants & bars
- 15 Personal, rental, & repair services
- 16 Automotive repair services
- 17 Hotels & motels
- 18 Theaters & other retail amusements
- 19 Equipment rental
- 20 Wholesale trade –commercial
- 21 General commercial

Office–type business

- 22 Business & corporate administration
- 23 Finance, insurance, & real estate
- 24 Finance, insurance, & real estate, small office
- 25 Professional services
- 26 Business services
- 27 General office
- 28 Medical services

Other business

- 29 Schools & colleges
- 30 Libraries
- 31 Hospitals & related medical services
- 32 Museums, art galleries, & gardens
- 33 Outdoor recreation & amusements
- 34 Public administration
- 35 Churches
- 36 Other, nec

Agriculture

- 37 Agricultural production
- 38 Agriculture services

Retail

Retail stores and retail services are classified into 68 categories using detailed NAICS codes.

Due to small numbers involved, some categories were combined: e.g, “Luggage and leather goods” with “Clothing Accessories 44825”, and “Cafeterias and snack and nonalcoholic beverage bars beverage bars” with “Limited service restaurants”. Categories 67 and 68 break out subsets of full service and limited service restaurants that represent chain locations.

Motor vehicle and parts dealers

- 1 New car dealers (44111)
- 2 Used car dealers (44112)
- 3 Other motor vehicle dealers (4412)
- 4 Auto parts and accessories (44131)
- 5 Tire dealers (44132)

Furniture and home furnishings

- 6 Furniture stores (44211)
- 7 Floor covering stores (44221)
- 8 Other home furnishings (442 nec)

Electronics and appliances

- 9 Household appliances (443111)
- 10 Radio, TV, other electronics, cameras (443 nec)
- 11 Computers and software (44312)

Building materials and garden supplies

- 12 Home centers (44411)
- 13 Paint and wallpaper stores (44412)
- 14 Hardware stores (44413)
- 15 Other building materials (444 nec)
- 16 Nursery and garden centers (44422)

Food and beverage stores

- 17 Supermarkets (44511)
- 18 Convenience stores (44512)
- 19 Specialty food stores (4452)
- 209 Beer, wine and liquor (44531)

Health and personal care stores

- 21 Pharmacies and drug stores (44611)
- 22 Cosmetics and beauty supplies (44612)
- 23 Optical goods (44613)
- 24 Health supplements, other personal care (4461 nec)

Gasoline stations

- 25 Gas stations w/convenience store(44711)
- 26 Gas stations (447 nec)

Clothing and clothing accessories

- 27 Men's clothing (44811)
- 28 Women's clothing (44812)
- 29 Children's and infants clothing (44813)
- 30 Family clothing stores (44814)
- 31 Clothing accessories (44815)
- 32 Other clothing (44819)
- 33 Shoe stores (44821)
- 34 Jewelry stores (44831)

Sporting goods, hobby, book, music stores

- 35 Sporting goods stores (45111)
- 36 Hobby, toy and game stores (45112)
- 37 Sewing, needlework, piece goods(45113)
- 38 Musical instruments and supplies (45114)
- 39 Book stores (451211)
- 40 Other leisure goods(4512 nec)

General merchandise stores

- 41 Department stores (452210)
- 42 Warehouse club and superstores (452311)
- 43 Other general merchandise stores (452 nec)

Miscellaneous store retailers

- 44 Florists (45311)
- 45 Office supplies and stationery (45321)
- 46 Gifts, novelties, souvenirs (45322)
- 47 Used merchandise (45331)
- 48 Pets and pet supplies (45391)
- 49 Other miscellaneous retail (453 nec)

Nonstore retailers

- 50 Nonstore retailers (454)

Retail services, nec

- 51 Movie theaters (512131)
- 52 Auto equipment rental and leasing (5321)
- 53 Consumer goods rental (5322)

Food services

- 54 Full-Service Restaurants (7221)
- 55 Limited-Service Restaurants (7222)
- 56 Drinking Places (7224)

Repair and maintenance services

- 57 Auto repair services (8111)
- 58 Consumer electronics repair (8112)
- 59 Home and garden equipment repair (8114)

Personal care services

- 60 Barber Shops (812111)
- 61 Beauty Shops (812112)
- 62 Nail Salons (812113)
- 63 Other personal care services (8121nec)
- 64 Coin-operated laundries & dry cleaners (81231)
- 65 Dry cleaning & laundry Services (81232)
- 66 All other personal services (812 nec)

Restaurant chains

- 67 Full-Service Restaurant Chains (7221 part)
- 68 Fast Food/Fast Casual Chains (7222 part)

Database Editions

The database is published as an add-on to the Scan/US subscription in two editions, Business Summary/ Occupation and Business Type/Industry.

The Business Summary/Occupation edition includes the following two datalists:

- BusinessSummary
- EmployeesbyOccupation

The Business Type/Industry edition includes the following four datalists:

- BusinessbyIndustry(NAICS)
- BusinessbyIndustry(SIC)
- BusinessbyType
- Retail(NAICS)

Available on layers:

United States
States
MSAs
Places
Counties
County subdivisions
Census tracts
Census blockgroups
Scan/US microgrids
Zip codes
Zip3 codes

Data items making up each datalist are listed in Appendix B with counts for the state of California and for the United States as a whole.

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Appendix A: Occupations by occupation category

The following list shows detailed occupations, along with their Standard Occupation Classification (SOC) codes, for each of the 24 summary occupation categories.

1 Management occupations

- 11-10XX Chief executives and legislators
- 11-1021 General and operations managers
- 11-2011 Advertising and promotions managers
- 11-2020 Marketing and sales managers
- 11-2031 Public relations and fundraising managers
- 11-3011 Administrative services managers
- 11-3021 Computer and information systems managers
- 11-3031 Financial managers
- 11-3111 Compensation and benefits managers
- 11-3121 Human resources managers
- 11-3131 Training and development managers
- 11-3051 Industrial production managers
- 11-3061 Purchasing managers
- 11-3071 Transportation, storage, and distribution managers
- 11-9013 Farmers, ranchers, and other agricultural managers
- 11-9021 Construction managers
- 11-9030 Education administrators
- 11-9041 Architectural and engineering managers
- 11-9051 Food service managers
- 11-9071 Gaming managers
- 11-9081 Lodging managers
- 11-9111 Medical and health services managers
- 11-9121 Natural sciences managers
- 11-9141 Property, real estate, and community association managers
- 11-9151 Social and community service managers
- 11-9161 Emergency management directors
- 11-9XXX Miscellaneous managers, including funeral service managers and postmasters and mail superintendents

2 Business and financial operations

- 13-1011 Agents and business managers of artists, performers, and athletes
- 13-1021 Buyers and purchasing agents, farm products
- 13-1022 Wholesale and retail buyers, except farm products
- 13-1023 Purchasing agents, except wholesale, retail, and farm products
- 13-1030 Claims adjusters, appraisers, examiners, and investigators
- 13-1041 Compliance officers
- 13-1051 Cost estimators
- 13-1070 Human resources workers
- 13-1141 Compensation, benefits, and job analysis specialists
- 13-1151 Training and development specialists
- 13-1081 Logisticians
- 13-1111 Management analysts
- 13-1121 Meeting, convention, and event planners
- 13-1131 Fundraisers
- 13-1161 Market research analysts and marketing specialists
- 13-1199 Business operations specialists, all other
- 13-2011 Accountants and auditors
- 13-2021 Appraisers and assessors of real estate
- 13-2031 Budget analysts
- 13-2041 Credit analysts
- 13-2051 Financial analysts
- 13-2052 Personal financial advisors
- 13-2053 Insurance underwriters
- 13-2061 Financial examiners
- 13-2070 Credit counselors and loan officers
- 13-2081 Tax examiners and collectors, and revenue agents
- 13-2082 Tax preparers
- 13-2099 Financial specialists, all other

3 Computer and mathematical occupations

15-1111 Computer and information research scientists
15-1121 Computer systems analysts
15-1122 Information security analysts
15-1131 Computer programmers
15-113X Software developers, applications and systems software
15-1134 Web developers
15-1150 Computer support specialists
15-1141 Database administrators
15-1142 Network and computer systems administrators
15-1143 Computer network architects
15-1199 Computer occupations, all other
15-2011 Actuaries
15-2031 Operations research analysts
15-20XX Miscellaneous mathematical science occupations, including mathematicians and statisticians

4 Architecture and engineering

17-1010 Architects, except naval
17-1020 Surveyors, cartographers, and photogrammetrists
17-2011 Aerospace engineers
17-20XX Biomedical and agricultural engineers
17-2041 Chemical engineers
17-2051 Civil engineers
17-2061 Computer hardware engineers
17-2070 Electrical and electronics engineers
17-2081 Environmental engineers
17-2110 Industrial engineers, including health and safety
17-2121 Marine engineers and naval architects
17-2131 Materials engineers
17-2141 Mechanical engineers
17-21XX Petroleum, mining and geological engineers, including mining safety engineers
17-21YY Miscellaneous engineers, including nuclear engineers
17-3010 Drafters
17-3020 Engineering technicians, except drafters
17-3031 Surveying and mapping technicians

5 Life, physical, and social science occupations

19-1010 Agricultural and food scientists
19-1020 Biological scientists
19-1030 Conservation scientists and foresters
19-10XX Medical scientists, and life scientists, all other
19-2010 Astronomers and physicists
19-2021 Atmospheric and space scientists
19-2030 Chemists and materials scientists
19-2040 Environmental scientists and geoscientists
19-2099 Physical scientists, all other
19-3011 Economists
19-3030 Psychologists
19-3051 Urban and regional planners
19-30XX Miscellaneous social scientists, including survey researchers and sociologists
19-4011 Agricultural and food science technicians
19-4021 Biological technicians
19-4031 Chemical technicians
19-40XX Geological and petroleum technicians, and nuclear technicians
19-40YY Miscellaneous life, physical, and social science technicians, including social science research assistants

6 Community and social service occupations

21-1010 Counselors
21-1020 Social workers
21-1092 Probation officers and correctional treatment specialists
21-1093 Social and human service assistants
21-109X Miscellaneous community and social service specialists, including health educators and community health workers
21-2011 Clergy
21-2021 Directors, religious activities and education
21-2099 Religious workers, all other

7 Legal occupations

23-10XX Lawyers, and judges, magistrates, and other judicial workers
23-1012 Judicial law clerks
23-2011 Paralegals and legal assistants
23-2090 Miscellaneous legal support workers

8 Education, training, and library occupations

25-1000 Postsecondary teachers
25-2010 Preschool and kindergarten teachers
25-2020 Elementary and middle school teachers
25-2030 Secondary school teachers
25-2050 Special education teachers
25-3000 Other teachers and instructors
25-4010 Archivists, curators, and museum technicians
25-4021 Librarians
25-4031 Library technicians
25-9041 Teacher assistants
25-90XX Other education, training, and library workers

9 Arts, design, entertainment, sports and media

27-1010 Artists and related workers
27-1020 Designers
27-2011 Actors
27-2012 Producers and directors
27-2020 Athletes, coaches, umpires, and related workers
27-2030 Dancers and choreographers
27-2040 Musicians, singers, and related workers
27-2099 Entertainers and performers, sports and related workers, all other
27-3010 Announcers
27-3020 News analysts, reporters and correspondents
27-3031 Public relations specialists
27-3041 Editors
27-3042 Technical writers
27-3043 Writers and authors
27-3090 Miscellaneous media and communication workers
27-40XX Broadcast and sound engineering technicians and radio operators, and media and communication equipment workers
27-4021 Photographers
27-4030 Television, video, and motion picture camera operators and editors

10 Health diagnosing and treating practitioners

29-1011 Chiropractors
29-1020 Dentists
29-1031 Dietitians and nutritionists
29-1041 Optometrists
29-1051 Pharmacists
29-1060 Physicians and surgeons
29-1071 Physician assistants
29-1081 Podiatrists
29-1181 Audiologists
29-1122 Occupational therapists
29-1123 Physical therapists
29-1124 Radiation therapists
29-1125 Recreational therapists
29-1126 Respiratory therapists
29-1127 Speech-language pathologists
29-112X Other therapists, including exercise physiologists
29-1131 Veterinarians
29-1141 Registered nurses
29-1151 Nurse anesthetists
29-11XX Nurse practitioners and nurse midwives
29-1199 Health diagnosing and treating practitioners, all other

11 Health technologists and technicians

29-2010 Clinical laboratory technologists and technicians
29-2021 Dental hygienists
29-2030 Diagnostic related technologists and technicians
29-2041 Emergency medical technicians and paramedics
29-2050 Health practitioner support technologists and technicians
29-2061 Licensed practical and licensed vocational nurses
29-2071 Medical records and health information technicians
29-2081 Opticians, dispensing
29-2090 Miscellaneous health technologists and technicians
29-9000 Other healthcare practitioners and technical occupations

12 Healthcare support

31-1010 Nursing, psychiatric, and home health aides
31-2010 Occupational therapy assistants and aides
31-2020 Physical therapist assistants and aides
31-9011 Massage therapists
31-9091 Dental assistants
31-9092 Medical assistants
31-9094 Medical transcriptionists
31-9095 Pharmacy aides
31-9096 Veterinary assistants and laboratory animal caretakers
31-9097 Phlebotomists
31-909X Healthcare support workers, all other, including medical equipment preparers

13 Protective services

33-1011 First-line supervisors of correctional officers
33-1012 First-line supervisors of police and detectives
33-1021 First-line supervisors of fire fighting and prevention workers
33-1099 First-line supervisors of protective service workers, all other
33-2011 Firefighters
33-2020 Fire inspectors
33-3010 Bailiffs, correctional officers, and jailers
33-3021 Detectives and criminal investigators
33-30XX Miscellaneous law enforcement workers
33-3050 Police officers
33-9011 Animal control workers
33-9021 Private detectives and investigators
33-9030 Security guards and gaming surveillance officers
33-9091 Crossing guards
33-9093 Transportation security screeners
33-909X Lifeguards and other recreational, and all other protective service workers

14 Food preparation and serving

35-1011 Chefs and head cooks
35-1012 First-line supervisors of food preparation and serving workers
35-2010 Cooks
35-2021 Food preparation workers
35-3011 Bartenders
35-3021 Combined food preparation and serving workers, including fast food
35-3022 Counter attendants, cafeteria, food concession, and coffee shop
35-3031 Waiters and waitresses
35-3041 Food servers, nonrestaurant
35-90XX Miscellaneous food preparation and serving related workers, including dining room and cafeteria attendants and bartenders
35-9021 Dishwashers
35-9031 Hosts and hostesses, restaurant, lounge, and coffee shop

5 Building and grounds maintenance

37-1011 First-line supervisors of housekeeping and janitorial workers
37-1012 First-line supervisors of landscaping, lawn service, and groundskeeping workers
37-201X Janitors and building cleaners
37-2012 Maids and housekeeping cleaners
37-2021 Pest control workers
37-3010 Grounds maintenance workers

16 Personal care and service occupations

39-1010 First-line supervisors of gaming workers
39-1021 First-line supervisors of personal service workers
39-2011 Animal trainers
39-2021 Nonfarm animal caretakers
39-3010 Gaming services workers
39-3021 Motion picture projectionists
39-3031 Ushers, lobby attendants, and ticket takers
39-3090 Miscellaneous entertainment attendants and related workers
39-40XX Embalmers and funeral attendants
39-4031 Morticians, undertakers, and funeral directors
39-5011 Barbers
39-5012 Hairdressers, hairstylists, and cosmetologists
39-5090 Miscellaneous personal appearance workers
39-6010 Baggage porters, bellhops, and concierges
39-7010 Tour and travel guides
39-9011 Childcare workers
39-9021 Personal care aides
39-9030 Recreation and fitness workers
39-9041 Residential advisors
39-9099 Personal care and service workers, all other

17 Sales occupations

41-1011 First-line supervisors of retail sales workers
41-1012 First-line supervisors of non-retail sales workers
41-2010 Cashiers
41-2021 Counter and rental clerks
41-2022 Parts salespersons
41-2031 Retail salespersons
41-3011 Advertising sales agents
41-3021 Insurance sales agents
41-3031 Securities, commodities, and financial services sales agents
41-3041 Travel agents
41-3099 Sales representatives, services, all other
41-4010 Sales representatives, wholesale and manufacturing
41-9010 Models, demonstrators, and product promoters
41-9020 Real estate brokers and sales agents
41-9031 Sales engineers
41-9041 Telemarketers
41-9091 Door-to-door sales workers, news and street vendors, and related workers
41-9099 Sales and related workers, all other

18 Office and administrative support

43-1011 First-line supervisors of office and administrative support workers
43-2011 Switchboard operators, including answering service
43-2021 Telephone operators
43-2099 Communication equipment operators, all other
43-3011 Bill and account collectors
43-3021 Billing and posting clerks
43-3031 Bookkeeping, accounting, and auditing clerks
43-3041 Gaming cage workers
43-3051 Payroll and timekeeping clerks
43-3061 Procurement clerks
43-3071 Tellers
43-3099 Financial clerks, all other
43-4011 Brokerage clerks
43-4031 Court, municipal, and license clerks
43-4041 Credit authorizers, checkers, and clerks
43-4051 Customer service representatives
43-4061 Eligibility interviewers, government programs
43-4071 File clerks
43-4081 Hotel, motel, and resort desk clerks
43-4111 Interviewers, except eligibility and loan
43-4121 Library assistants, clerical
43-4131 Loan interviewers and clerks
43-4141 New accounts clerks
43-4XXX Correspondence clerks and order clerks
43-4161 Human resources assistants, except payroll and timekeeping
43-4171 Receptionists and information clerks
43-4181 Reservation and transportation ticket agents and travel clerks

43-4199Information and record clerks, all other
43-5011Cargo and freight agents
43-5021Couriers and messengers
43-5030Dispatchers
43-5041Meter readers, utilities
43-5051Postal service clerks
43-5052Postal service mail carriers
43-5053Postal service mail sorters, processors, and processing machine operators
43-5061Production, planning, and expediting clerks
43-5071Shipping, receiving, and traffic clerks
43-5081Stock clerks and order fillers
43-5111Weighers, measurers, checkers, and samplers, recordkeeping
43-6010Secretaries and administrative assistants
43-9011Computer operators
43-9021Data entry clerks
43-9022Word processors and typists
43-9041Insurance claims and policy processing clerks
43-9051Mail clerks and mail machine operators, except postal service
43-9061Office clerks, general
43-9071Office machine operators, except computer
43-9081Proofreaders and copy markers
43-9111Statistical assistants
43-9XXXMiscellaneous office and administrative support workers, including desktop publishers

19 Farming, fishing and forestry occupations

45-1011First-line supervisors of farming, fishing, and forestry workers
45-2011Agricultural inspectors
45-2041Graders and sorters, agricultural products
45-20XXMiscellaneous agricultural workers, including animal breeders
45-3000Fishing and hunting workers
45-4011Forest and conservation workers
45-4020Logging workers

20 Construction and extraction occupations

47-1011First-line supervisors of construction trades and extraction workers
47-2011Boilermakers
47-2020Brickmasons, block masons, and stonemasons
47-2031Carpenters
47-2040Carpet, floor, and tile installers and finishers
47-2050Cement masons, concrete finishers, and terrazzo workers
47-2061Construction laborers
47-2071Paving, surfacing, and tamping equipment operators
47-207XConstruction equipment operators except paving, surfacing, and tamping equipment operators
47-2080Drywall installers, ceiling tile installers, and tapers
47-2111Electricians
47-2121Glaziers
47-2130Insulation workers
47-2141Painters, construction and maintenance
47-2142Paperhangers
47-2150Pipelayers, plumbers, pipefitters, and steamfitters
47-2161Plasterers and stucco masons
47-2171Reinforcing iron and rebar workers
47-2181Roofers
47-2211Sheet metal workers
47-2221Structural iron and steel workers
47-3010Helpers, construction trades
47-4011Construction and building inspectors
47-4021Elevator installers and repairers
47-4031Fence erectors
47-4041Hazardous materials removal workers
47-4051Highway maintenance workers
47-4061Rail-track laying and maintenance equipment operators
47-XXXXMiscellaneous construction workers, including solar photovoltaic installers, septic tank servicers and sewer pipe cl
47-50YYDerrick, rotary drill, and service unit operators, and roustabouts, oil, gas, and mining
47-5021Earth drillers, except oil and gas
47-5031Explosives workers, ordnance handling experts, and blasters
47-5040Mining machine operators
47-50XXMiscellaneous extraction workers, including roof bolters and helpers

21 Installation, maintenance and repair workers

49-1011 First-line supervisors of mechanics, installers, and repairers
49-2011 Computer, automated teller, and office machine repairers
49-2020 Radio and telecommunications equipment installers and repairers
49-2091 Avionics technicians
49-2092 Electric motor, power tool, and related repairers
49-209X Electrical and electronics repairers, transportation equipment, and industrial and utility
49-2096 Electronic equipment installers and repairers, motor vehicles
49-2097 Electronic home entertainment equipment installers and repairers
49-2098 Security and fire alarm systems installers
49-3011 Aircraft mechanics and service technicians
49-3021 Automotive body and related repairers
49-3022 Automotive glass installers and repairers
49-3023 Automotive service technicians and mechanics
49-3031 Bus and truck mechanics and diesel engine specialists
49-3040 Heavy vehicle and mobile equipment service technicians and mechanics
49-3050 Small engine mechanics
49-3090 Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers
49-9010 Control and valve installers and repairers
49-9021 Heating, air conditioning, and refrigeration mechanics and installers
49-9031 Home appliance repairers
49-904X Industrial and refractory machinery mechanics
49-9071 Maintenance and repair workers, general
49-9043 Maintenance workers, machinery
49-9044 Millwrights
49-9051 Electrical power-line installers and repairers
49-9052 Telecommunications line installers and repairers
49-9060 Precision instrument and equipment repairers
49-9091 Coin, vending, and amusement machine servicers and repairers
49-9094 Locksmiths and safe repairers
49-9095 Manufactured building and mobile home installers
49-9096 Riggers
49-9098 Helpers—installation, maintenance, and repair workers
49-909X Other installation, maintenance, and repair workers, including wind turbine service technicians, and commercial dive

22 Production workers

51-1011 First-line supervisors of production and operating workers
51-2011 Aircraft structure, surfaces, rigging, and systems assemblers
51-2020 Electrical, electronics, and electromechanical assemblers
51-2031 Engine and other machine assemblers
51-2041 Structural metal fabricators and fitters
51-2090 Miscellaneous assemblers and fabricators
51-3011 Bakers
51-3020 Butchers and other meat, poultry, and fish processing workers
51-3091 Food and tobacco roasting, baking, and drying machine operators and tenders
51-3092 Food batchmakers
51-3093 Food cooking machine operators and tenders
51-3099 Food processing workers, all other
51-4010 Computer control programmers and operators
51-4021 Extruding and drawing machine setters, operators, and tenders, metal and plastic
51-4022 Forging machine setters, operators, and tenders, metal and plastic
51-4023 Rolling machine setters, operators, and tenders, metal and plastic
51-4031 Cutting, punching, and press machine setters, operators, and tenders, metal and plastic
51-4032 Drilling and boring machine tool setters, operators, and tenders, metal and plastic
51-4033 Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic
51-4034 Lathe and turning machine tool setters, operators, and tenders, metal and plastic
51-4041 Machinists
51-4050 Metal furnace operators, tenders, pourers, and casters
51-4060 Model makers and pattern makers, metal and plastic
51-4070 Molders and molding machine setters, operators, and tenders, metal and plastic
51-4111 Tool and die makers
51-4120 Welding, soldering, and brazing workers
51-4191 Heat treating equipment setters, operators, and tenders, metal and plastic
51-4193 Plating and coating machine setters, operators, and tenders, metal and plastic
51-4194 Tool grinders, filers, and sharpeners
51-4XXX Miscellaneous metal workers and plastic workers, including milling and planing machine setters, and multiple machine
51-5111 Prepress technicians and workers
51-5112 Printing press operators
51-5113 Print binding and finishing workers
51-6011 Laundry and dry-cleaning workers
51-6021 Pressers, textile, garment, and related materials
51-6031 Sewing machine operators

- 51-6041Shoeland leather workers and repairers
- 51-6042Shoe machine operators and tenders
- 51-6050Tailors, dressmakers, and sewers
- 51-606XTextilebleaching and dyeing, and cutting machine setters, operators, and tenders
- 51-6063Textileknitting and weaving machine setters, operators, and tenders
- 51-6064Textilewinding, twisting, and drawing out machine setters, operators, and tenders
- 51-6093Upholsterers
- 51-609XMiscellaneous textile, apparel, and furnishings workers except upholsterers
- 51-7011Cabinetmakers and bench carpenters
- 51-7021Furniture finishers
- 51-7041Sawing machine setters, operators, and tenders, wood
- 51-7042Woodworking machine setters, operators, and tenders, except sawing
- 51-70XXMiscellaneous woodworkers, including model makers and pattern makers
- 51-8010Power plant operators, distributors, and dispatchers
- 51-8021Stationary engineers and boiler operators
- 51-8031Water and wastewater treatment plant and system operators
- 51-8090Miscellaneous plant and system operators
- 51-9010Chemical processing machine setters, operators, and tenders
- 51-9020Crushing, grinding, polishing, mixing, and blending workers
- 51-9030Cutting workers
- 51-9041Extruding, forming, pressing, and compacting machine setters, operators, and tenders
- 51-9051Furnace, kiln, oven, drier, and kettle operators and tenders
- 51-9061Inspectors, testers, sorters, samplers, and weighers
- 51-9071Jewelers and precious stone and metal workers
- 51-9080Medical, dental, and ophthalmic laboratory technicians
- 51-9111Packaging and filling machine operators and tenders
- 51-9120Painting workers
- 51-9151Photographic process workers and processing machine operators
- 51-9191Adhesive bonding machine operators and tenders
- 51-9192Cleaning, washing, and metal pickling equipment operators and tenders
- 51-9194Etchers and engravers
- 51-9195Molders, shapers, and casters, except metal and plastic
- 51-9196Paper goods machine setters, operators, and tenders
- 51-9197Tire builders
- 51-9198Helpers—production workers
- 51-91XXOther production workers, including semiconductor processors and cooling and freezing equipment operators

23 Transportation occupations

- 53-1000Supervisors of transportation and material moving workers
- 53-2010Aircraft pilots and flight engineers
- 53-2020Air traffic controllers and airfield operations specialists
- 53-2031Flight attendants
- 53-3011Ambulance drivers and attendants, except emergency medical technicians
- 53-3020Bus drivers
- 53-3030Driver/sales workers and truck drivers
- 53-3041Taxi drivers and chauffeurs
- 53-3099Motor vehicle operators, all other
- 53-4010Locomotive engineers and operators
- 53-4021Railroad brake, signal, and switch operators
- 53-4031Railroad conductors and yardmasters
- 53-40XXSubway, streetcar, and other rail transportation workers
- 53-50XXSailors and marine oilers, and ship engineers
- 53-5020Ship and boat captains and operators
- 53-6021Parking lot attendants
- 53-6031Automotive and watercraft service attendants
- 53-6051Transportation inspectors
- 53-60XXMiscellaneous transportation workers, including bridge and lock tenders and traffic technicians
- 53-6061Transportation attendants, except flight attendants

24 Material moving occupations

- 53-7021Crane and tower operators
- 53-7030Dredge, excavating, and loading machine operators
- 53-70XXConveyor operators and tenders, and hoist and winch operators
- 53-7051Industrial truck and tractor operators
- 53-7061Cleaners of vehicles and equipment
- 53-7062Laborers and freight, stock, and material movers, hand
- 53-7063Machine feeders and offbearers
- 53-7064Packers and packagers, hand
- 53-7070Pumping station operators
- 53-7081Refuse and recyclable material collectors
- 53-71XXMiscellaneous material moving workers, including mine shuttle car operators, and tank car, truck, and ship loaders

Appendix B: Datalist Contents

Contents of the datalists included in the database editions are presented on the following pages in the form of a Scan/US Quicklook report for each datalist. Summary counts on each variable are shown for the state of California benchmarked to the U.S. total.