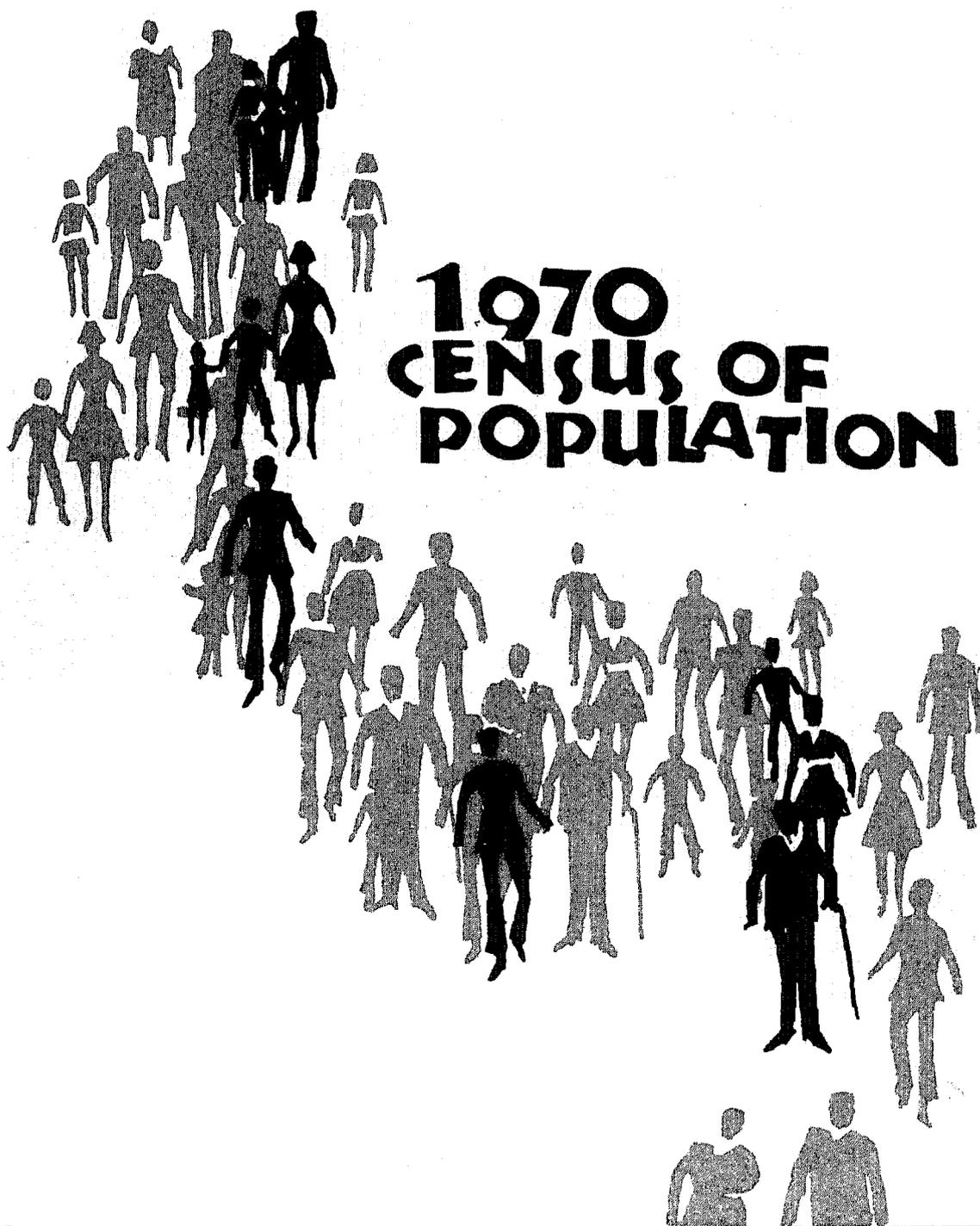


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COMMERCE
PUBLICATION



Alphabetical Index of Industries and Occupations



U.S.
DEPARTMENT
OF COMMERCE
BUREAU OF
THE CENSUS

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**1970
CENSUS OF
POPULATION**

Alphabetical Index
of Industries
and Occupations

Issued June 1971

INTRODUCTION

General

This Alphabetical Index of Industries and Occupations was developed primarily to classify the industry (the nature of the business of the person's employer) and occupation (the type of work in which a person is engaged) returns of the 1970 Census of Population, the Current Population Survey, and other demographic surveys conducted by the Bureau of the Census during the subsequent decade.

The Index lists approximately 19,000 industry and 23,000 occupation titles in alphabetical order. These titles represent a comprehensive listing of specific industries and occupations developed historically and maintained continuously by review of Census and survey schedules.

A number or letter code is associated with each title. This code is applied to the schedule returns by a coding specialist to provide the key for sorting the returns into the appropriate industry or occupation classification category. The Industry and Occupation Classification Systems along with each categories' number or letter code begins on page V. The placement of any given title within a category may be determined by matching the code of the titles to the associated category code. To facilitate this understanding, the titles appearing here in alphabetical order are also regrouped according to category. These category groupings are presented in a companion volume, **The Classified Index of Industries and Occupations.**

The basic content of the 1970 Index, like that of prior editions, is largely derived from previous editions. However, some basic innovations have been introduced relative to format and notation. Moreover, much valuable material was obtained from sources such as the Dictionary of Occupational Titles published by the United States Manpower Administration and the Standard Industrial Classification published by the Office of Management and Budget.

Schedule Items

The following questions were used to collect industry and occupation information in the 1970 Census of Population.

33. Industry

a. For whom did he work? If now on active duty in the Armed Forces, print "AF" and skip to question 36.

(Name of company, business, organization, or other employer)

b. What kind of business or industry was this?
 Describe activity at location where employed.

(For example: junior high school, retail supermarket, dairy farm, TV and radio service, auto assembly plant, road construction)

c. Is this mainly— (Fill one circle)

<input type="radio"/> Manufacturing	<input type="radio"/> Retail trade
<input type="radio"/> Wholesale trade	<input type="radio"/> Other (agriculture, construction, service, government, etc.)

34. Occupation

a. What kind of work was he doing?

(For example: TV repairman, sewing machine operator, spray painter, civil engineer, farm operator, farm hand, junior high English teacher)

b. What were his most important activities or duties?

(For example: Types, keeps account books, files, sells cars, operates printing press, cleans buildings, finishes concrete)

c. What was his job title?

35. Was this person— (Fill one circle)

Employee of private company, business, or individual, for wages, salary, or commissions...

Federal government employee

State government employee.....

Local government employee (city, county, etc.)...

Self-employed in own business, professional practice, or farm—

Own business not incorporated

Own business incorporated

Working without pay in family business or farm

All questions relate to the same job. Although the response to question 33 is used primarily in coding industry and those found in 34 primarily for coding occupation, in certain cases, all parts are required to determine the proper code. This is explained in further detail later.

Coverage

The Index lists industry and occupation titles which have been reported in earlier censuses and surveys and covers the bulk of industry and occupation titles in the economy. Some titles may not be listed in the Index. There are three main reasons for this: New industries and occupations are constantly being developed, new titles for existing industries and occupations are always arising, and some rare titles are not included in the Index.

Format of Index

The Index is divided into two parts: the first, the white pages, covers the industry portion; the second, buff colored, covers the occupation section.

Alphabetization. The titles listed in the Index are arranged according to the word system similar to telephone directories and encyclopedias. Under word alphabetizing, the position of a title may vary according to whether the title is shown as a single word or as two words. The following example will illustrate the word system alphabetization:

Address list compilers
Address system, public
Addressing service
Addressograph plates
Addressographing service

Cross-indexing. Many titles shown in the Index comprise two or more words. To facilitate locating, in many cases, the multiword titles are listed in the Index in all possible orders. However, some multiword titles are listed only once in the Index. This is true for nine "keywords," in the occupational listing selected because they occur frequently. Occupation titles containing these nine keywords are listed only once in the Index under the keyword eliminating any cross indexing. For example, one of the keywords is "mechanic." When referring to "auto mechanic," it will not be found under "auto" but rather under the list for "mechanic." The keywords are:

Apprentice	Inspector
Assembler	Manager
Assistant	Mechanic
Engineer	Teacher
Helper	

For the other multiword industry and occupation titles, if a particular order of words cannot be found in the Index, it may be listed in another way. Thus, it is necessary for a user of the Index to try all possible orders of words before deciding that the title is not listed.

The Classification Systems

To organize and make understandable the information relating to the many thousands of industries and occupations, a system of homogeneous grouping or classification must be used.

Homogeneous titles are grouped together to form the various categories which comprise the system. Each of these categories is assigned a 3-digit or a single alphabetic code.¹ In this Index each title is identified by the code for that category to which it is assigned. The accumulation of all the titles assigned to a category (as found in the Classified Index) constitutes the definition of the category.

Industry Classification. The industrial classification system, as shown beginning on page V, consists of 215 categories arranged into 12 major groups. The industry codes, which are distinct from those used for occupations, end with digits 7, 8, and 9, or one of the letters A through M. In addition to 215 industry categories shown in this Index, the 1970 census computer edit allocated the not reported cases among the major groups. Thus, the classification system includes 12 allocation categories for tabulation purposes.

The Standard Industrial Classification Manual (SIC) prepared by the Office of Management and Budget is the standard for industrial classification systems in the United States Government. The system presented here was developed within the framework of the SIC. The display of the system, on page V, shows the SIC definition for each category.

Occupation Classification. The occupational classification system has 417 separate categories and is also grouped into 12 major groups. The listing of this system begins on page VIII. For occupation, the numeric codes end in digits 0-6 and the letter codes are N through Z. This system also contains 12 allocation categories. There is no standard system for occupation classification.

Use of Index in Processing

Industry entries are in the first section of the Index, where the titles are arranged alphabetically on the left side of the column. The code is listed on the right side of the column. For the 1970 census, the industry titles were normally found entered in items 33b and c on the schedule, which is reproduced on page I of this introduction. However, at times, the coding specialists were required to obtain information from other parts of the schedule return in order to arrive at a title which was complete enough to find a code upon searching the Index. Industry titles in the Index are listed several ways:

A. Usual industry entry.— A typical industry title in the Index looks like:

Dry cleaning plant 779

A schedule entry of "Dry cleaning plant" is assigned code 779.

B. Any not listed above and "except —."—In the industry section of the Index, there sometimes appears the listing "Any not listed above(mfg)." This line covers either specified or unspecified kinds of factories which

¹Each alphabetic code has a 3-digit numeric equivalent. The categories with alphabetic codes are the ones occurring most frequently in the processing. Thus it was deemed efficient and economical to substitute the single letter code for the 3-digit code.

are not shown in the preceding list. For example, the listing "Yarn, any not listed above (mfg.," would apply to a schedule entry of either "Yarn factory" or "Nylon yarn factory," since the latter is not listed separately. In like manner, the Index will also contain an "except" line which covers all the cases except the preceding line. For example, the Index shows:

Apparel, knit (mfg.) 307
 Apparel, exc. knit (mfg.) C

which means that any apparel manufacturing that is not knit would use the second line and receive code "C".

C. Industry returns of self-employed, own account, etc.— Some respondents in business for themselves return entries of "self-employed," "own business," "own practice" and the like without any description of the type of business. For many of these cases, the correct industry can be determined from the occupation entry. For this reason, the industry portion of the Index includes a heading "Own account, with occupation": followed by a listing of occupations held by self-employed individuals. As an efficiency, the occupation code is also listed. The first code is that for industry and the second for occupation. For such cases, reference to the occupation portion of the Index need not be made. An example of an "Own account" entry in the Index is:

Music teacher 867 145

For a "self-employed music teacher" the code 867 is for industry and 145 for occupation.

D. Abbreviations following industry titles.—The following abbreviations are used in the Index with certain industry titles and are considered an essential part of the title so qualified:

- (Const.) — for such words as construction, building, excavating, etc.
- (Mfg.) — for such words as manufacturing, factory, mill, plant, etc.
- (Ret.) — for such words as retailing, retail store, retail shop, etc.
- (Whsl.) — for such words as wholesaling, wholesale company, wholesale store, etc.
- (Ext.) — for such words as mining, mine, well, quarry, etc.

For example, on page I-1 there is listed:

Acetylene gas (Mfg.) 347
 Acetylene gas (Whsl.) 508

Schedule entries such as "Acetylene gas factory" and "Acetylene gas plant" are to be coded 347. On the other hand, entries such as "Wholesale acetylene gas company" and "Acetylene gas wholesaling" are to be coded 508.

Occupation Coding. Question 34 on the 1970 census schedule was used primarily as the source question for occupation coding. In determining the correct code, however, other information may need to be considered in conjunction with that found in item 34. The determination of the correct occupation code for a particular schedule entry must take into consideration the combination of the occupation title, the classification of the industry, and the class of worker. It is, therefore, most important that careful consideration be given to these relationships and that the industry code and class of worker (see below for discussion of class of worker) be determined prior to processing the occupation entries.

Occupation titles, along with these relationships are listed in several ways. These are:

A. Occupation titles with no relationships.—

Ticket writer 394

This means that if the schedule entry reads "Ticket writer" the proper code is 394.

B. Occupation titles with industry and/or class of worker relationships.—There are a number of types of relationships.

In all cases the occupation title is in the left column and the occupation code in the right column with the relationship designated in the center of the column.

1. Title with one industry code in the center:

Salesman 287 705

This means that the code for this occupation is 705 only when the industry code is 287.

2. Title in combination with range of industry codes:

Compensation man. 307-318 620

If the industry code is 308, the "Compensation man" code is 620, because code 308 falls within the range 307-318. If the industry code does not fall within the range shown in the center of the column the code 620 for occupation is not applicable.

3. Title in combination with several industry codes:

Criminal investigator. L, M, 907, 927 964

In identical fashion as the industry range example, the occupation code 964 is applicable only if the industry entry is one of the four codes noted in the center of the column.

4. Title in combination with a schedule entry:

Field examiner. . . Veterans Administration L 321

The occupation code is 321, only if the industry entry on the schedule is "Veterans Administration."

5. Residual middle entries:

Motor man Any not listed above 710

This entry completes a listing of similar occupation titles and is used when one of the preceding entries does not apply or where industry is blank. Other instructions similar to these are: "Mfg., not listed above," "n.s."² "except ," and "Mfg. except ."

6. A middle entry of a class of worker and industry description:

Private duty nurse. Own, 848 075

This notation "own" means that the class of worker is "Own business not incorporated" or "Own business incorporated," then this occupation is coded 075 if the industry code assigned was 848. Note that both conditions must be met.

C. Coding industry from occupation returns.—Because in some cases there is a fixed or almost fixed relationship between industry and occupation, not reported industry returns can be coded from the occupation return. In other cases industry codes must be changed to be consistent with the occupation return. This relationship is shown as follows:

1. A middle numerical entry in parentheses:

This entry means that if the industry item was not reported, then the industry code can be applied based on the occupation. For example:

Parking attendant (749) 711

Here, if industry was not reported and occupation was "Parking attendant," then code Industry 749.

2. A middle entry of a "boldface" italics number:

Such an entry means that this occupation may occur only in the industry noted in boldface. If the industry has been assigned any other code, it should be changed to the boldface italics code. For example:

Foster mother **879** 942

If industry was anything but 879 and the occupation was "Foster mother," the Industry code must be changed to 879. Of course, if industry was blank, it should also be coded 879.

²"N.S." means not specified.

Class of Worker

In addition to industry and occupation, a third measure of a persons job called "class of worker" is collected in most surveys. This measure shows the type of ownership of the employing organization. Question 35 of the 1970 census schedule (page 1) shows the categories collected in that enumeration. Generally, the class of worker is marked in the field by the respondent or enumerator. However the coder must check the item to make sure an entry is given, and that it is consistent with the other data describing the job.

One word of explanation; a person who incorporates his own business is technically an employee of that corporation, therefore, he is tabulated as an employee of a private company.

In addition to being an independent measure, the class of worker entry is at times used as an aid in coding occupation. As mentioned in the section on occupation coding, a class of worker abbreviation may be found in the center column of the occupation section of the Index. These abbreviations and the classes for which they stand follow:

Abbreviation	Class of Worker
Pr	Working for a private company, business or individual for wages, salary, or commission
Gov	Working for Federal, State, or Local government
Own	In own business, professional practice or farm (incorporated and not incorporated)
WP	Without pay in a family business or farm

Not Reported Cases

In any census or sample survey some respondents do not report the requested information. In the 1970 census, the coders did not enter any code for blank cases. In the computer processing, if the case was blank, an allocation code was assigned based on other reported characteristics. Allocation was done to the major group level; that is, there is an allocation category for each major group. These may be found on page VII for industry and page XII for occupation. Other surveys use different allocation systems, and some do not allocate. If not reported cases are to be coded, 999 is the proper code for industry and 995 for occupation.

Census Coding Service

The Bureau of the Census does industry and occupation coding for other government and private agencies on a fee basis to the extent its work requirements permit. Inquiries about this service should be sent to Chief, Population Division, Bureau of the Census, Washington, D.C. 20233.

INDUSTRIAL CLASSIFICATION SYSTEM

Equivalent numeric codes follow the alphabetic codes. Either code may be utilized, depending upon the processing method. Numbers in parentheses following the industry categories are the SIC definitions. "N.e.c." means "not elsewhere classified."

Industry Code	AGRICULTURE, FORESTRY, AND FISHERIES	Industry Code	MANUFACTURING—Continued
A (017)	Agricultural production (01)	168	Miscellaneous fabricated metal products (341, 343, 347, 348, 349)
018	Agricultural services, except horticultural (07 except 0713 and 073)	169	Not specified metal industries
019	Horticultural services (073)		Machinery, except electrical
027	Forestry (08)	177	Engines and turbines (351)
028	Fisheries (09)	178	Farm machinery and equipment (352)
		179	Construction and material handling machines (353)
	MINING	187	Metalworking machinery (354)
047	Metal mining (10)	188	Office and accounting machines (357 except 3573)
048	Coal mining (11, 12)	189	Electronic computing equipment (3573)
049	Crude petroleum and natural gas extractions (13)	197	Machinery, except electrical, n.e.c. (355, 356, 358, 359)
057	Nonmetallic mining and quarrying, except fuel (14)	198	Not specified machinery
			Electrical machinery, equipment, and supplies
	CONSTRUCTION	199	Household appliances (363)
067	General building contractors (15)	207	Radio, T.V., and communication equipment (365, 366)
068	General contractors, except building (16)		
B (069)	Special trade contractors (17)	208	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
077	Not specified construction	209	Not specified electrical machinery, equipment, and supplies
			Transportation equipment
	MANUFACTURING	219	Motor vehicles and motor vehicle equipment (371)
	Durable goods	227	Aircraft and parts (372)
	Lumber and wood products, except furniture	228	Ship and boat building and repairing (373)
107	Logging (241)	229	Railroad locomotives and equipment (374)
108	Sawmills, planing mills, and mill work (242, 243)	237	Mobile dwellings and campers (3791)
109	Miscellaneous wood products (244, 249)	238	Cycles and miscellaneous transportation equipment (375, 3799)
118	Furniture and fixtures (25)		Professional and photographic equipment, and watches
	Stone, clay, and glass products	239	Scientific and controlling instruments (381, 382)
119	Glass and glass products (321-323)	247	Optical and health services supplies (383, 384, 385)
127	Cement, concrete, gypsum, and plaster products (324, 327)	248	Photographic equipment and supplies (386)
128	Structural clay products (325)	249	Watches, clocks, and clockwork-operated devices (387)
137	Pottery and related products (326)	257	Not specified professional equipment
138	Miscellaneous nonmetallic mineral and stone products (328, 329)	258	Ordnance (19)
	Metal industries	259	Miscellaneous manufacturing industries (39)
139	Blast furnaces, steel works, rolling and finishing mills (3312, 3313)		Nondurable goods
147	Other primary iron and steel industries (3315-3317, 332, 3391, part 3399)		Food and kindred products
148	Primary aluminum industries (3334, part 334, 3352, 3361, part 3392, part 3399)	268	Meat products (201)
149	Other primary nonferrous industries (3331-3333, 3339, part 334, 3351, 3356, 3357, 3362, 3369, part 3392, part 3399)	269	Dairy products (202)
		278	Canning and preserving fruits, vegetables, and sea foods (203)
157	Cutlery, hand tools, and other hardware (342)	279	Grain-mill products (204, 0713)
158	Fabricated structural metal products (344)	287	Bakery products (205)
159	Screw machine products (345)	288	Confectionery and related products (207)
167	Metal stamping (346)		

Industry Code	MANUFACTURING--Continued
289	Beverage industries (208)
297	Miscellaneous food preparation and kindred products (206, 209)
298	Not specified food industries
299	Tobacco manufactures (21)
	Textile mill products
307	Knitting mills (225)
308	Dyeing and finishing textiles, except wool and knit goods (226)
309	Floor coverings, except hard surface (227)
317	Yarn, thread, and fabric mills (221-224, 228)
318	Miscellaneous textile mill products (229)
	Apparel and other fabricated textile products
C(319)	Apparel and accessories (231-238)
327	Miscellaneous fabricated textile products (239)
	Paper and allied products
328	Pulp, paper, and paperboard mills (261-263, 266)
329	Miscellaneous paper and pulp products (264)
337	Paperboard containers and boxes (265)
	Printing, publishing, and allied industries
338	Newspaper publishing and printing (271)
339	Printing, publishing, and allied industries, except newspapers (272-279)
	Chemicals and allied products
347	Industrial chemicals (281)
348	Plastics, synthetics and resins, except fibers (282, except 2823 and 2824)
349	Synthetic fibers (2823, 2824)
357	Drugs and medicines (283)
358	Soaps and cosmetics (284)
359	Paints, varnishes, and related products (285)
367	Agricultural chemicals (287)
368	Miscellaneous chemicals (286, 289)
369	Not specified chemicals and allied products
	Petroleum and coal products
377	Petroleum refining (291)
378	Miscellaneous petroleum and coal products (295, 299)
	Rubber and miscellaneous plastic products
379	Rubber products (301-303, 306)
387	Miscellaneous plastic products (307)
	Leather and leather products
388	Tanned, curried, and finished leather (311)
389	Footwear, except rubber (313, 314)
397	Leather products, except footwear (312, 315-317, 319)
398	<u>Not specified manufacturing industries</u>

**TRANSPORTATION, COMMUNICATIONS, AND
OTHER PUBLIC UTILITIES**

Transportation

D (407)	Railroads and railway express service (40)
408	Street railways and bus lines (411, 413-415, 417)
409	Taxicab service (412)
417	Trucking service (421, 423)
418	Warehousing and storage (422)
419	Water transportation (44)
427	Air transportation (45)
428	Pipe lines, except natural gas (46)
429	Services incidental to transportation (47)

**TRANSPORTATION, COMMUNICATIONS, AND
OTHER PUBLIC UTILITIES--Continued**

Communications

447	Radio broadcasting and television (483)
448	Telephone (wire and radio) (481)
449	Telegraph and miscellaneous communication services (482, 489)

Utilities and sanitary services

467	Electric light and power (491)
468	Electric-gas utilities (493)
469	Gas and steam supply systems (492, 496)
477	Water supply (494)
478	Sanitary services (495)
479	Other and not specified utilities (497)

WHOLESALE AND RETAIL TRADE

Wholesale trade

507	Motor vehicles and equipment (501)
508	Drugs, chemicals, and allied products (502)
509	Dry goods and apparel (503)
527	Food and related products (504)
528	Farm products--raw materials (505)
529	Electrical goods (506)
537	Hardware, plumbing, and heating supplies (507)
538	Not specified electrical and hardware products
539	Machinery equipment and supplies (508)
557	Metals and minerals, n.e.c. (5091)
558	Petroleum products (5092)
559	Scrap and waste materials (5093)
567	Alcoholic beverages (5095)
568	Paper and its products (5096)
569	Lumber and construction materials (5098)
587	Wholesalers, n.e.c. (5094, 5097, 5099)
588	Not specified wholesale trade

Retail trade

607	Lumber and building material retailing (521-524)
608	Hardware and farm equipment stores (525)
E (609)	Department and mail order establishments (531, 532)
617	Limited price variety stores (533)
618	Vending machine operators (534)
619	Direct selling establishments (535)
627	Miscellaneous general merchandise stores (539)
F (628)	Grocery stores (541)
629	Dairy products stores (545)
637	Retail bakeries (546)
638	Food stores, n.e.c. (542-544, 549)
639	Motor vehicle dealers (551, 552)
647	Tire, battery, and accessory dealers (553)
648	Gasoline service stations (554)
649	Miscellaneous vehicle dealers (559)
657	Apparel and accessories stores, except shoe stores (56 except 566)
658	Shoe stores (566)
667	Furniture and home furnishings stores (571)
668	Household appliances, TV, and radio stores (572, 573)
G (669)	Eating and drinking places (58)
677	Drug stores (591)

Industry Code **WHOLESALE AND RETAIL TRADE—Continued**

Retail trade—Continued

678 Liquor stores (592)
 679 Farm and garden supply stores (596)
 687 Jewelry stores (597)
 688 Fuel and ice dealers (598)
 689 Retail florists (5992)
 697 Miscellaneous retail stores (593-595, 599 exc. 5992)
 698 Not specified retail trade

FINANCE, INSURANCE, AND REAL ESTATE

707 Banking (60)
 708 Credit agencies (61)
 709 Security, commodity brokerage, and investment companies (62, 67)
 717 Insurance (63, 64)
 718 Real estate, incl. real estate-insurance-law offices (65, 66)

BUSINESS AND REPAIR SERVICES

727 Advertising (731)
 728 Services to dwellings and other buildings (734)
 729 Commercial research, development, and testing labs (7391, 7397)
 737 Employment and temporary help agencies (736, 7398)
 738 Business management and consulting services (part 7392)
 739 Computer programming services (part 7392)
 747 Detective and protective services (7393)
 748 Business services, n.e.c. (732, 733, 735, 7394, 7395, 7396, 7399)
 749 Automobile services, except repair (751, 752, 754)
 757 Automobile repair and related services (753)
 758 Electrical repair shops (762, 7694)
 759 Miscellaneous repair services (763, 764, 769, except 7694)

PERSONAL SERVICES

H (769) Private households (88)
 777 Hotels and motels (701)
 778 Lodging places, except hotels and motels (702, 703, 704)
 779 Laundering, cleaning, and other garment services (721, 727)
 787 Beauty shops (723)
 788 Barber shops (724)
 789 Shoe repair shops (725)
 797 Dressmaking shops (part 729)
 798 Miscellaneous personal services (722, 726, part 729)

ENTERTAINMENT AND RECREATION SERVICES

807 Theaters and motion pictures (78, 792)
 808 Bowling alleys, billiard and pool parlors (793)
 809 Miscellaneous entertainment and recreation services (791, 794)

Industry Code **PROFESSIONAL AND RELATED SERVICES**

828 Offices of physicians (801, 803)
 829 Offices of dentists (802)
 837 Offices of chiropractors (804)
 J (838) Hospitals (806)
 839 Convalescent institutions (8092)
 847 Offices of health practitioners, n.e.c. (part 8099)
 848 Health services, n.e.c. (807, part 8099)
 849 Legal services (81)
 K (857) Elementary and secondary schools (821)
 858 Colleges and universities (822)
 859 Libraries (823)
 867 Educational services, n.e.c. (824, 829)
 868 Not specified educational services
 869 Museums, art galleries, and zoos (84)
 877 Religious organizations (866)
 878 Welfare services (part 867)
 879 Residential welfare facilities (part 867)
 887 Nonprofit membership organizations (861-865, 869)
 888 Engineering and architectural services (891)
 889 Accounting, auditing, and bookkeeping services (893)
 897 Miscellaneous professional and related services (892, 899)

PUBLIC ADMINISTRATION

907 Postal service (part 9190)
 L (917) Federal public administration (part 9190, 9490)
 927 State public administration (9290)
 M (937) Local public administration (9390)

999 **INDUSTRY NOT REPORTED¹**

ALLOCATION CATEGORIES²

029 Agriculture, forestry, and fisheries—allocated
 058 Mining—allocated
 078 Construction—allocated
 267 Manufacturing, durable goods—allocated
 399 Manufacturing, nondurable goods—allocated
 499 Transportation, communications, and other public utilities—allocated
 599 Wholesale trade—allocated
 699 Retail trade—allocated
 719 Finance, insurance, and real estate—allocated
 767 Business and repair services—allocated
 799 Personal services—allocated
 817 Entertainment and recreation services—allocated
 899 Professional and related services—allocated
 947 Public administration—allocated

¹This code is used to identify not reported industries in surveys where the not reported cases are not allocated.

²Those returns from the Population Census which do not have an industry entry are allocated among the major industry groups during computer processing. These cases are labeled with the code for the "allocation" category to which they are assigned. (See text, page IV).

OCCUPATIONAL CLASSIFICATION SYSTEM

Equivalent numeric codes follow the alphabetic codes. Either code may be utilized, depending on the processing method. "N.e.c." means "not elsewhere classified."

Occu- pation Code	PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS	Occu- pation Code	PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS—Continued
001	Accountants		Nurses, dietitians, and therapists
002	Architects	074	Dietitians
	Computer specialists	075	Registered nurses
003	Computer programmers	076	Therapists
004	Computer systems analysts		Health technologists and technicians
005	Computer specialists, n.e.c.	080	Clinical laboratory technologists and technicians
	Engineers	081	Dental hygienists
006	Aeronautical and astronautical engineers	082	Health record technologists and technicians
010	Chemical engineers	083	Radiologic technologists and technicians
011	Civil engineers	084	Therapy assistants
012	Electrical and electronic engineers	085	Health technologists and technicians, n.e.c.
013	Industrial engineers		Religious workers
014	Mechanical engineers	086	Clergymen
015	Metallurgical and materials engineers	090	Religious workers, n.e.c.
020	Mining engineers		Social scientists
021	Petroleum engineers	091	Economists
022	Sales engineers	092	Political scientists
023	Engineers, n.e.c.	093	Psychologists
024	Farm management advisors	094	Sociologists
025	Foresters and conservationists	095	Urban and regional planners
026	Home management advisors	096	Social scientists, n.e.c.
	Lawyers and judges		Social and recreation workers
030	Judges	100	Social workers
031	Lawyers	101	Recreation workers
	Librarians, archivists, and curators		Teachers, college and university
032	Librarians	102	Agriculture teachers
033	Archivists and curators	103	Atmospheric, earth, marine, and space teachers
	Mathematical specialists	104	Biology teachers
034	Actuaries	105	Chemistry teachers
035	Mathematicians	110	Physics teachers
036	Statisticians	111	Engineering teachers
	Life and physical scientists	112	Mathematics teachers
042	Agricultural scientists	113	Health specialties teachers
043	Atmospheric and space scientists	114	Psychology teachers
044	Biological scientists	115	Business and commerce teachers
045	Chemists	116	Economics teachers
051	Geologists	120	History teachers
052	Marine scientists	121	Sociology teachers
053	Physicists and astronomers	122	Social science teachers, n.e.c.
054	Life and physical scientists, n.e.c.	123	Art, drama, and music teachers
055	Operations and systems researchers and analysts	124	Coaches and physical education teachers
056	Personnel and labor relations workers	125	Education teachers
	Physicians, dentists, and related practitioners	126	English teachers
061	Chiropractors	130	Foreign language teachers
062	Dentists	131	Home economics teachers
063	Optometrists	132	Law teachers
064	Pharmacists	133	Theology teachers
065	Physicians, medical and osteopathic	134	Trade, industrial, and technical teachers
071	Podiatrists	135	Miscellaneous teachers, college and university
072	Veterinarians	140	Teachers, college and university, subject not specified
073	Health practitioners, n.e.c.		

Occu-
pation
Code

**PROFESSIONAL, TECHNICAL, AND KINDRED
WORKERS—Continued**

Teachers, except college and university
 141 Adult education teachers
 N (142) Elementary school teachers
 143 Prekindergarten and kindergarten teachers
 144 Secondary school teachers
 145 Teachers, except college and university, n.e.c.
 Engineering and science technicians
 150 Agriculture and biological technicians, except health
 151 Chemical technicians
 152 Draftsmen
 153 Electrical and electronic engineering technicians
 154 Industrial engineering technicians
 155 Mechanical engineering technicians
 156 Mathematical technicians
 161 Surveyors
 162 Engineering and science technicians, n.e.c.
 Technicians, except health, and engineering and
 science
 163 Airplane pilots
 164 Air traffic controllers
 165 Embalmers
 170 Flight engineers
 171 Radio operators
 172 Tool programmers, numerical control
 173 Technicians, n.e.c.
 174 Vocational and educational counselors
 Writers, artists, and entertainers
 175 Actors
 180 Athletes and kindred workers
 181 Authors
 182 Dancers
 183 Designers
 184 Editors and reporters
 185 Musicians and composers
 190 Painters and sculptors
 191 Photographers
 192 Public relations men and publicity writers
 193 Radio and television announcers
 194 Writers, artists, and entertainers, n.e.c.
 195 Research workers, not specified

**MANAGERS AND ADMINISTRATORS, EXCEPT
FARM**

201 Assessors, controllers, and treasurers; local public
 administration
 202 Bank officers and financial managers
 203 Buyers and shippers, farm products
 205 Buyers, wholesale and retail trade
 210 Credit men
 211 Funeral directors
 212 Health administrators
 213 Construction inspectors, public administration
 215 Inspectors, except construction, public administration
 216 Managers and superintendents, building
 220 Office managers, n.e.c.
 221 Officers, pilots, and pursers; ship
 222 Officials and administrators; public administration,
 n.e.c.
 223 Officials of lodges, societies, and unions
 224 Postmasters and mail superintendents
 225 Purchasing agents and buyers, n.e.c.
 226 Railroad conductors

Occu-
pation
Code

**MANAGERS AND ADMINISTRATORS, EXCEPT
FARM—Continued**

230 Restaurant, cafeteria, and bar managers
 231 Sales managers and department heads, retail trade
 233 Sales managers, except retail trade
 235 School administrators, college
 240 School administrators, elementary and secondary
 245 Managers and administrators, n.e.c.

SALES WORKERS

260 Advertising agents and salesmen
 261 Auctioneers
 262 Demonstrators
 264 Hucksters and peddlers
 265 Insurance agents, brokers, and underwriters
 266 Newsboys
 270 Real estate agents and brokers
 271 Stock and bond salesmen
 280 Salesmen and sales clerks, n.e.c.¹

CLERICAL AND KINDRED WORKERS

301 Bank tellers
 303 Billing clerks
 P (305) Bookkeepers
 310 Cashiers
 311 Clerical assistants, social welfare
 312 Clerical supervisors, n.e.c.
 313 Collectors, bill and account
 314 Counter clerks, except food
 315 Dispatchers and starters, vehicle
 320 Enumerators and interviewers
 321 Estimators and investigators, n.e.c.
 323 Expeditors and production controllers
 325 File clerks
 326 Insurance adjusters, examiners, and investigators
 330 Library attendants and assistants
 331 Mail carriers, post office
 332 Mail handlers, except post office
 333 Messengers and office boys
 334 Meter readers, utilities
 Office machine operators
 341 Bookkeeping and billing machine operators
 342 Calculating machine operators
 343 Computer and peripheral equipment operators
 344 Duplicating machine operators

¹Category "280 Salesmen and sales clerks, n.e.c." was subdivided in the Census into 5 occupation groups dependent on industry. The industry codes are shown in parentheses.

Occ. Code

281 Sales representatives, manufacturing industries (Ind. 107-399)
 282 Sales representatives, wholesale trade (Ind. 017-058, 507-599)
 283 Sales clerks, retail trade (Ind. 608-699 except 618, 639, 649, 667, 668, 688)
 284 Salesmen, retail trade (Ind. 607, 618, 639, 649, 667, 668, 688)
 285 Salesmen of services and construction (Ind. 067-078, 407-499, 707-947)

Occupation Code
CLERICAL AND KINDRED WORKERS—Continued

Office machine operators—Continued

345	Key punch operators
350	Tabulating machine operators
355	Office machine operators, n.e.c.
360	Payroll and timekeeping clerks
361	Postal clerks
362	Proofreaders
363	Real estate appraisers
364	Receptionists
	Secretaries
370	Secretaries, legal
371	Secretaries, medical
Q (372)	Secretaries, n.e.c.
374	Shipping and receiving clerks
375	Statistical clerks
376	Stenographers
381	Stock clerks and storekeepers
382	Teacher aides, exc. school monitors
383	Telegraph messengers
384	Telegraph operators
385	Telephone operators
390	Ticket, station, and express agents
391	Typists
392	Weighers
394	Miscellaneous clerical workers
395	Not specified clerical workers

CRAFTSMEN AND KINDRED WORKERS

401	Automobile accessories installers
402	Bakers
403	Blacksmiths
404	Boilermakers
405	Bookbinders
410	Brickmasons and stonemasons
411	Brickmasons and stonemasons, apprentices
412	Bulldozer operators
413	Cabinetmakers
R (415)	Carpenters
416	Carpenter apprentices
420	Carpet installers
421	Cement and concrete finishers
422	Compositors and typesetters
423	Printing trades apprentices, exc. pressmen
424	Cranemen, derrickmen, and hoistmen
425	Decorators and window dressers
426	Dental laboratory technicians
430	Electricians
431	Electrician apprentices
433	Electric power linemen and cablemen
434	Electrotypers and stereotypers
435	Engravers, exc. photoengravers
436	Excavating, grading, and road machine operators; exc. bulldozer
440	Floor layers, exc. tile setters
441	Foremen, n.e.c.
442	Forgemen and hammermen
443	Furniture and wood finishers
444	Furriers
445	Glaziers
446	Heat treaters, annealers, and temperers
450	Inspectors, scalers, and graders; log and lumber
452	Inspectors, n.e.c.

Occupation Code
CRAFTSMEN AND KINDRED WORKERS—Continued

453	Jewelers and watchmakers
454	Job and die setters, metal
455	Locomotive engineers
456	Locomotive firemen
461	Machinists
462	Machinist apprentices
	Mechanics and repairmen
470	Air conditioning, heating, and refrigeration
471	Aircraft
472	Automobile body repairmen
S (473)	Automobile mechanics
474	Automobile mechanic apprentices
475	Data processing machine repairmen
480	Farm implement
481	Heavy equipment mechanics, incl. diesel
482	Household appliance and accessory installers and mechanics
	Loom fixers
483	Office machine
484	Radio and television
485	Railroad and car shop
486	Mechanic, exc. auto, apprentices
491	Miscellaneous mechanics and repairmen
492	Not specified mechanics and repairmen
495	Millers; grain, flour, and feed
501	Millwrights
502	Molders, metal
503	Molder apprentices
504	Motion picture projectionists
505	Opticians, and lens grinders and polishers
506	Painters, construction and maintenance
510	Painter apprentices
511	Paperhangers
512	Pattern and model makers, exc. paper
514	Photoengravers and lithographers
515	Piano and organ tuners and repairmen
516	Plasterers
520	Plasterer apprentices
521	Plumbers and pipe fitters
522	Plumber and pipe fitter apprentices
523	Power station operators
525	Pressmen and plate printers, printing
530	Pressman apprentices
531	Rollers and finishers, metal
533	Roofers and slaters
534	Sheetmetal workers and tinsmiths
535	Sheetmetal apprentices
536	Shipfitters
540	Shoe repairmen
542	Sign painters and letterers
543	Stationary engineers
545	Stone cutters and stone carvers
546	Structural metal craftsmen
550	Tailors
551	Telephone installers and repairmen
552	Telephone linemen and splicers
554	Tile setters
560	Tool and die makers
561	Tool and die maker apprentices
562	Upholsterers
563	Specified craft apprentices, n.e.c.
571	Not specified apprentices
572	

Occupation Code	SERVICE WORKERS, EXC. PRIVATE HOUSEHOLD—Continued
	Health service workers
921	Dental assistants
922	Health aides, exc. nursing
923	Health trainees
924	Lay midwives
925	Nursing aides, orderlies, and attendants
926	Practical nurses
	Personal service workers
931	Airline stewardesses
932	Attendants, recreation and amusement
933	Attendants, personal service, n.e.c.
934	Baggage porters and bellhops
935	Barbers
940	Boarding and lodging house keepers
941	Bootblacks
942	Child care workers, exc. private household
943	Elevator operators
944	Hairdressers and cosmetologists
945	Personal service apprentices
950	Housekeepers, exc. private household
952	School monitors
953	Ushers, recreation and amusement
954	Welfare service aides
	Protective service workers
960	Crossing guards and bridge tenders
961	Firemen, fire protection
962	Guards and watchmen
963	Marshals and constables
964	Policemen and detectives
965	Sheriffs and bailiffs

Occupation Code	PRIVATE HOUSEHOLD WORKERS
980	Child care workers, private household
981	Cooks, private household
982	Housekeepers, private household
983	Laundresses, private household
Z (984)	Maids and servants, private household
995	OCCUPATION NOT REPORTED ²
	ALLOCATION CATEGORIES ³
196	Professional, technical, and kindred workers—allocated
246	Managers and administrators, except farm—allocated
296	Sales workers—allocated
396	Clerical and kindred workers—allocated
586	Craftsmen and kindred workers—allocated
696	Operatives, except transport—allocated
726	Transport equipment operatives—allocated
796	Laborers, except farm—allocated
806	Farmers and farm managers—allocated
846	Farm laborers and farm foremen—allocated
976	Service workers, exc. private household—allocated
986	Private household workers—allocated

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