

# ALPHABETICAL INDEX OF OCCUPATIONS AND INDUSTRIES

## GENERAL EXPLANATIONS

### Schedule Item

The schedule item to be coded describes a person's job and consists of four interrelated entries:

Name of employer, that is, for whom the person was working;

Industry, that is, the nature of the business, industry, professional practice, etc., in which he was engaged;

Occupation, that is, the type of work the person was doing;

Class of worker, that is, the kind of employment.

Since the four parts describe one single job, it is often necessary to consider them in relationship to each other in order to determine the proper codes for the part or parts to be classified. This is explained in further detail in later instructions.

### Coverage

This Index lists industry and occupation titles which have been reported in earlier censuses and surveys conducted by the Population Division. You will sometimes find, however, that the title for which you are looking is not listed in the Index. There are two main reasons for this: new industries and occupations are constantly being developed, and new titles for existing industries and occupations are always arising.

The industry titles and codes are to the left of the page and the occupation titles and codes to the right.

### Alphabetization

The titles listed in the Index are arranged according to a straight alphabetizing system which is somewhat different from the word system. The preference for using letter alphabetizing is because certain titles are sometimes written as a single word, sometimes as two words. 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. Under the system used in the Index, the title, regardless of the number of words, is considered as one word for alphabetization purposes.

The following example will illustrate this single straight letter alphabetization:

<u>In the Index</u>	<u>Word system</u>
Addressing service	Address list compilers
Address list compilers	Address system, public
Addressographing service	Addressing service
Addressograph plates	Addressograph plates
Address system, public	Addressographing service

#### Cross-Indexing

Many titles shown in the Index contain two or more words. Multi-word titles sometimes appear on the schedules in one order, sometimes in another. In many cases, the multi-word titles are listed in the Index in all possible orders. However, some multi-word titles are listed only once in the Index.

For multi-word industry and occupation titles, if the particular order of words reported on the schedule cannot be found in the Index, it does not necessarily mean that the title has been omitted from the Index. It is necessary to try all possible orders of words before deciding that the title is not in the Index.

In order to save space, exceptions to this rule for occupations are made for 10 "key words," selected because they occur very frequently. Cross-indexing was eliminated for occupation titles containing any one of these 10 selected words. Occupation titles containing these key words are listed only once in the Index under the key word. For example, one of the key words is "Mechanic." If "Auto mechanic" appears on the schedule, look under "Mechanic, specified type" for "Auto"; you will not find "Auto mechanic" listed under the A's. The list of key words is as follows:

Apprentice	Inspector
Assembler	Manager
Assistant	Mechanic
Engineer	Repairman
Helper	Teacher

#### Code Numbers

Each industry category and each occupation category is identified by a 3-digit number or a single alphabetic code. The codes for industry are different from the codes for occupation.

Codes ending in 6, 7, 8, or 9 refer to industry. For example, codes 156, 317, and 459 are industry codes. Also, letter codes A through M refer to industry.

Codes ending in 0, 1, 2, 3, 4, or 5 refer to occupation. For example, codes 151, 352, and 480 are occupation codes. Also, letter codes N through Z refer to occupation.

## Industry Classifications

Industries are classified according to a system of 149 industry categories as shown on pages XV to XVIII of the Index. An industry category consists of a relatively homogeneous group of industry titles, which, in effect, define a particular industrial field. Each category is identified by a 3-digit number or single letter code, as previously stated.

The 149 industry categories are arranged into 12 major industry groups. The general 3-digit number or single letter codes for each of these groups are as follows:

<u>Code</u>	<u>Major industry group</u>
A, and 017 and 018 126 to 156	Agriculture, forestry, and fisheries Mining
C	Construction
B, M, and 2--, 3--, and 4--	Manufacturing
L, and 5--	Transportation, communication, and other public utilities
D, F, G, and 606 to 696	Wholesale and retail trade
7--	Finance, insurance, and real estate
806 to 809	Business and repair services
K, and 826 to 839	Personal services
846 to 849	Entertainment and recreation services
E, H, and 867 to 898	Professional and related services
J, and 906 to 936	Public administration

The code 999 is to be used for industry when there is no industry entry or name of employer on the schedule.

### Abbreviations Following Industry Titles

The following abbreviations are used in consolidation 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 2 there is listed:

Acetylene gas (Mfg.).....409  
Acetylene gas (Whsl.).....607

Schedule entries such as "Acetylene gas factory" and "Acetylene gas plant" are to be coded 409. On the other hand, entries such as "Wholesale acetylene gas company" and "Acetylene gas wholesaling" are to be coded 607. Note that these abbreviations are also used with the industry titles shown in the center column of the occupation portion of the Index. See, for example, "Assembler.....Boiler (Mfg.)" on page 21.

## Occupation Classifications

Occupations are classified according to a system of 296 occupation categories, as shown on pages XIX to XXIV of the Index. An occupation category consists of a group of related occupation titles, which, in effect, define a particular field of work. Each category is identified by a 3-digit number or single letter code, as previously stated.

The 296 occupation categories are arranged into 11 major groups as follows:

<u>Code</u>	<u>Major occupation group</u>
O-- and 1--	Professional, technical, and kindred workers
N, and 222	Farmers and farm managers
R, and 250 to 285	Managers, officials, and proprietors, except farm
Y, Z, and 301 to 360	Clerical and kindred workers
S, and 380 to 395	Sales workers
Q, and 401 to 555	Craftsmen, foremen, and kindred workers
T, W, and 601 to 721	Operatives and kindred workers
P, and 801 to 803	Private household workers
810 to 890	Service workers, except private household
U, V, and 901 and 905	Farm laborers and foremen
X, and 960 to 973	Laborers, except farm and mine

The code 995 is to be used for occupation when there is no occupation return on the schedule.

### Class of Worker

Class of worker is shown on the schedule with four categories which are abbreviated in the Index as follows:

For a private company, business, or individual for wages  
and salary.....Pr  
With a Federal, State, or local government.....Gov  
In his own business, professional practice or farm.....Own  
Without pay in a family business or farm.....WP

The classification of some occupation returns depends on the accompanying class-of-worker return. This is so because, in particular cases, class of worker distinguishes between different types of work. Where class of worker is used in determining the occupation code, the class-of-worker entry in the Index is underlined and shown to the left of the code. An example of this is:

Adjuster-arbitrator.....Pr Ind 154

An occupation return of "Adjuster-arbitrator" is to be coded 154 if the accompanying class-of-worker return on the schedule is "For a private company, etc."

### Combinations of Industry With Occupation Codes

The final determination of a complete code for a particular listing in the Occupation portion of the Index is the result of the proper combination of the occupation

code for that listing and the classification of the industry return, sometimes further modified by whether the employment is for a private company, for government, in own business, or without pay. It is, therefore, most important that careful consideration be given to these relationships and the rules established for determining the proper combined code for a particular listing.

The occupation titles appear in the Index in two basically different ways, alone or in combination with industry. The explanations which follow are shown with examples taken mainly from the first few pages of the Index, but each procedure being explained has general application throughout the Index.

When the occupation title appears alone.--There are three different ways in which the occupation title may appear alone:

(a) The first way is:

Able seaman.....517 703

An occupation return of "Able seaman" on the schedule is coded 517 703 because it should occur only in industries covered by code 517, that is, "Water transportation." Even if the accompanying industry return on the schedule requires a different industry code, you must still use the code 517. This type of occupation title is underscored in the Index.

(b) The second way is:

Acetylene cutter.....Ind 721

The industry return on the schedule is coded by reference to the Industry portion of the Index. If the industry return has been omitted on the schedule, the code 999 should be entered for industry. The occupation return "Acetylene cutter" on the schedule is coded 721.

(c) The third way is:

Accordion tuner.....Ind 504(809)

Here, the procedure is the same as in (b) for "Acetylene cutter," except that when the industry return has been omitted on the schedule, the code 809 is to be entered for industry. The reason we assume code 809 to be acceptable is because "Accordion tuner," even though it occurs in a number of industries, is very highly concentrated in industry 809, that is, "Miscellaneous repair services."

When the occupation title appears in combination with industry.--Now we shall consider the procedure for coding occupation titles shown in the Index in combination with industry. There are three different ways in which such combinations may appear:

The occupation title may appear in combination with a specific industry entry, that is, the industry return on the schedule must be the same as the industry entry in the center column of the Occupation portion of the Index.

The occupation title may appear in combination with an asterisk (\*), which means that the industry return on the schedule must be covered by the industry category code shown to the left of the occupation code.

The occupation title may appear in combination with a "term," which means that the industry return on the schedule must be included in one of the industry categories which, by definition, are covered by the particular term.

In all three cases, the occupation code given in the Index cannot be used for the occupation return unless the accompanying industry return on the schedule meets the specified condition. This is explained in further detail below.

(a) The first way is:

Activities counselor.....Y.M.C.A.....888 165

An occupation return of "Activities counselor" is coded 165 when the accompanying schedule return for industry is "Y.M.C.A." The industry code to be entered on the schedule in this instance is, of course, 888. If, however, the occupation return "Activities counselor" is not accompanied on the schedule by "Y.M.C.A." in industry, the code 165 is not to be used. In such a case, consult your supervisor.

(b) The second way is:

Acceptance man.....\*.....268 471

An occupation return of "Acceptance man" is coded 471 if the accompanying industry return is one for which the industry code is 268. An industry return coded 268 is acceptable here. If the industry return is not covered by code 268, consult your supervisor. Sometimes, the occupation title is in combination with two or more industries, as for example:

Agricultural agent.....\*..... E 102  
Agricultural agent.....\*..... L 301

This is very much like the "Acceptance man." If a return of "Agriculture agent" is accompanied by an industry return which would be coded L, the occupation code is 301; if the industry return would be coded E, the occupation code is 102. If the industry return is not covered by either L or E, consult your supervisor.

(c) The third way is a variation of the situation just explained in (b). When the same occupation code is to be used for several industries, the alternative industries are often not listed separately. Instead, a single "term" is used to cover the various component industries, as for example:

Annealer.....Metalworking..Ind 531

The term "Metalworking" stands for all industry returns which would be coded L, M, 237 to 276 or 809. By using this "term," we need only one Index listing, instead of four. This term appears in the center column of the occupation listings in the Index.

The following is a list of terms and all the industry codes related to each of these terms:

Auto service.....656, 657, 808  
Dairy products.....A, 307, 609, 637  
Electric and gas utility.....567, 568, 569  
Food and kindred products.....306 to 326  
Jewelry and silverware.....G, 296, 686, 809  
Manufacturing.....B, M, 206 to 459  
Metalworking.....L, M, 237 to 276, 809

Mining.....	126 to 156
Optical goods.....	286, 287, 618, 689, 867
Photo processing.....	287, 396, 398, 807, 839, 846
Pipe lines.....	519, 568, 569
Public administration.....	J, 906 to 936
Railroad cars.....	L, 276, 507, 526
Retail trade.....	D, F, G, 637 to 696
Steel.....	237, 238, 246 to 248
Textile.....	346 to 356
Transportation.....	L, 507 to 526
Wholesale trade.....	606 to 629
Woodworking.....	207 to 209

There are a number of instances in the Index where an identical occupation title is listed in combination with one or more specific industry entries, and on one or more lines with asterisks and one or more lines with center terms. Such listings are arranged in the Index in the following order: lines with asterisks are shown first, in alphabetic, then numerical order of the industry codes, followed by the lines with both specific industry entries and terms, arranged in alphabetic order. For example, see the entries for "Agent" on pages 5 and 6.

Another type of entry you will find in the center column of the occupation section is "Any not listed above." This means that if the industry return on the schedule is not covered by any of the preceding lines in the Index, the occupation code listed on the "Any not listed above" line should be applied. In the case of "Agent" on pages 5 and 6, for example, use the occupation code 301 when the industry return on the schedule is in category 017, 248, 398, or any other category not covered by the preceding lines for "Agent." This also includes cases where industry is blank on the schedule; that is, a return of "Agent" with no industry return is to be coded 301. The industry code is 999 in this instance. Sometimes, however, you will find a code to the right of the occupation code on one of these lines. In such a case, enter the specific code, rather than 999, when industry is blank on the schedule. For example, see "Electrician's assistant" on page 22.

One other kind of entry you will find in the center column of the occupation section is "Except \_\_\_\_\_." There are two examples on page 14. For "Apiculturist," there is a line "Except A." The preceding line, of course, gives you the code for cases where the industry return is covered by code A. Similarly, for "Appraiser" on page 14 there is a line "Except U.S. Customs" immediately after a line "U.S. Customs." Note that the "Except \_\_\_\_\_" line also covers cases where industry has been left blank on the schedule (like the "Any not listed above" lines). Here, too, you will sometimes find a code to the right of the occupation code to use instead of 999. In the two examples on page 14, "Apiculturist" does not have such a code, but "Appraiser" does.

A type of industry listing which needs explanation is illustrated by "Nails" and "Nails, exc. wire" on page 385. The title "Nails, exc. wire" covers such schedule returns as "Brass nails" and "Copper nails" as well as the schedule return "Nails."

In other words, the phrase "exc. \_\_\_\_\_" covers both certain specifically described returns and returns where no further descriptive qualification of the title has been entered.

#### Special Notes

Meaning of "college."--The occupational classification system makes a basic distinction between teachers in college-level schools and teachers in other types of schools. In the Index listing of teachers, which begins on page 568, the word "college" has been used to cover all college-level schools. The following list shows the index industry entries which are covered by the word "college":

Agricultural college	State agricultural extension work
Architectural school	State college
Biblical institute	State extension work
City college	State junior college
City junior college	State medical college
City normal school	State medical school
City teachers' college	State normal school
City university	State teachers' college
College	State university
Denominational college	Teachers' college
Dental school	Technological institute
Divinity school	Theological college
Engineering school	Theological school
Graduate school	Theological seminary
Institute of technology	U.S. Air Force Academy
Junior college	U.S. Coast Guard Academy
Law school	U.S. Merchant Marine Academy
Medical college	U.S. Military Academy
Medical school	U.S. Naval Academy
Normal school	University
Pharmacy school	Veterinary school
Polytechnic institute	
State agricultural college	

Meaning of "secondary schools."--The occupational classification system makes a further distinction between teachers in secondary-level schools and teachers in other types of schools. In the index listing of teachers, except college, beginning on page 574 the term "Secondary school" has been used to cover all secondary-level schools. The following list shows the index industry entries which are covered by the term "secondary school":

City high school	Finishing school	Public junior high school
City junior high school	High school	Public secondary school
City secondary school	Junior high school	Public vocational school
City vocational school	Preparatory school	Secondary school
Convent, academy	Public high school	



Meaning of "farm."--The word "farm" sometimes appears in the center column of the occupation portion of the Index. See, for example, "Manager.....Farm" on page 349. The word "farm," in these cases, covers the following industry entries:

Animal breeding	Kennels
Apiary	Lemon grove
Apple farm	Livestock farm
Avocado grove	Mink farm
Aviary	Mink ranch
Bee raising	Muck farm
Berry farm	Mushroom cellar
Bird raising	Nursery, plant
Broiler plant, poultry raising	Nursery, shrubs
Bulb farm	Nut farm, except tung
Cattle farm	Olive orchard
Cattle feeding farm	Orange grove
Cattle ranch	Orchard
Celery farm	Ostrich farm
Chicken farm	Peach farm
Chinchilla farm	Peanut farm
Citrus fruit farm	Pecan farm
Citrus grove	Peppermint farm
Coffee farm	Pheasant farm
Cranberry bog	Pigeon farm
Dairy farm	Pineapple plantation
Deer, game farm	Plantation
Dog breeding	Potato farm
Dog kennels	Poultry farm
Experimental station farm	Rabbit farm
Farm	Ranch
Farming	Reptile farm
Flax farm	Rice canal
Florist, flower growing	Seed farm
Flower raising	Sheep farm
Fox farm	Shrubbery nursery
Fruit farm	Snake farm
Fruit orchard	State agricultural experimental farm
Fruit ranch	Stock farm
Fur farm	Sugar beet farm
Game farm	Sugar cane farm
Gardening	Sugar plantation
General farm	Tobacco farm
Gladiola bulb farm	Tree nursery
Grain farm	Truck farm
Grapefruit orchard	U.S. agricultural experimental farm
Greenhouse	U.S. agricultural experimental station
Hay farm	U.S. experimental farm
Herb farm	U.S. Indian farm
Hog farm	Vegetable garden
Hop farm	Vineyard
Horse farm	Walnut grove
Horticulture	Worm farm
Hothouses	Worm ranch
Hybrid corn growing	Yam growing
Institutional farm	

Permissible occupation-industry code combinations.--Certain occupation codes must not be combined with particular industry codes. Similarly, certain other occupation codes may be combined only with a few selected industry codes. These conditions are a basic part

of the occupational classification system. It should be noted that, in addition to "impossible" code combinations, there are, of course, many combinations which are highly unlikely and may, therefore, not be used. A code combination of H 680 ("Milliners" in "Hospitals") would be such an example. The following two lists present those occupation-industry code combinations which, by definition, are limited:

<u>Occupation code--</u>	<u>Must not be combined with industry codes--</u>
R.....	J, K, 906 to 936
430.....	K
450.....	J, K, 906 to 936
515, 651, 654.....	B, M, 206 to 459
674.....	K
675.....	306
W.....	126 to 156, 206
823, 825, 832, 835, 890.....	K
X, 960 to 973.....	126 to 156
X, 960.....	206

<u>Occupation code--</u>	<u>Must be combined only with industry codes--</u>
030-060.....	E
151.....	H
N, 222.....	A
250.....	F, G, 606 to 609, 617 to 629, 637 to 658, 666 to 696
251.....	609, 616
254.....	D, F, G, 637 to 696
260, 270.....	J, 906 to 936
275.....	888
280.....	906
304.....	L, 507 to 526
305.....	706
315.....	L, 906
323, 340.....	906
351.....	539
354.....	L, 507 to 526
555.....	J
643.....	B, M, 2--, 3--, 4--
645.....	507
671.....	B, M, 2--, 3--, 4--
673.....	346 to 356
685.....	126 to 156
691.....	507
705.....	B, M, 2--, 3--, 4--
P, 801, 802, 803.....	K
821.....	826
840.....	867
852, 854.....	J, 926, 936
U, V, 901, 905.....	A

## INDUSTRIAL CLASSIFICATION

(The single letter or 3-digit number in the left margin is the code symbol for the industry category)

### AGRICULTURE, FORESTRY, AND FISHERIES

A   Agriculture  
017   Forestry  
018   Fisheries

### MINING

126   Metal mining  
136   Coal mining  
146   Crude petroleum and natural gas extraction  
156   Nonmetallic mining and quarrying, except fuel

### C           CONSTRUCTION

#### MANUFACTURING

##### Durable goods

Lumber and wood products, except furniture  
206    Logging  
207    Sawmills, planing mills, and mill work  
208    Miscellaneous wood products  
209    Furniture and fixtures  
Stone, clay, and glass products  
216    Glass and glass products  
217    Cement, and concrete, gypsum, and plaster products  
218    Structural clay products  
219    Pottery and related products  
236    Miscellaneous nonmetallic mineral and stone products  
Metal industries  
237    Blast furnaces, steel works, rolling and finishing mills  
238    Other primary iron and steel industries  
239    Primary nonferrous industries  
246    Cutlery, hand tools, and other hardware  
247    Fabricated structural metal products  
248    Miscellaneous fabricated metal products  
249    Not specified metal industries  
Machinery, except electrical  
256    Farm machinery and equipment  
257    Office, computing and accounting machines  
M    Miscellaneous machinery  
259    Electrical machinery, equipment, and supplies  
Transportation equipment  
267    Motor vehicles and motor vehicle equipment  
268    Aircraft and parts  
269    Ship and boat building and repairing  
276    Railroad and miscellaneous transportation equipment  
Professional and photographic equipment, and watches  
286    Professional equipment and supplies  
287    Photographic equipment and supplies  
289    Watches, clocks, and clockwork-operated devices  
296    Miscellaneous manufacturing industries

INDUSTRIAL CLASSIFICATION--Con.

MANUFACTURING--Con.

Nondurable goods

- Food and kindred products  
306 Meat products  
307 Dairy products  
308 Canning and preserving fruits, vegetables, and sea foods  
309 Grain-mill products  
316 Bakery products  
317 Confectionery and related products  
318 Beverage industries  
319 Miscellaneous food preparations and kindred products  
326 Not specified food industries  
329 Tobacco manufactures  
Textile mill products  
346 Knitting mills  
347 Dyeing and finishing textiles, except wool and knit goods  
348 Floor coverings, except hard surface  
349 Yarn, thread, and fabric mills  
356 Miscellaneous textile mill products  
Apparel and other fabricated textile products  
B Apparel and accessories  
367 Miscellaneous fabricated textile products  
Paper and allied products  
386 Pulp, paper, and paperboard mills  
387 Paperboard containers and boxes  
389 Miscellaneous paper and pulp products  
Printing, publishing, and allied industries  
396 Newspaper publishing and printing  
398 Printing, publishing, and allied industries, exc. newspapers  
Chemicals and allied products  
406 Synthetic fibers  
407 Drugs and medicines  
408 Paints, varnishes, and related products  
409 Miscellaneous chemicals and allied products  
Petroleum and coal products  
416 Petroleum refining  
419 Miscellaneous petroleum and coal products  
Rubber and miscellaneous plastic products  
426 Rubber products  
429 Miscellaneous plastic products  
Leather and leather products  
436 Leather: Tanned, curried, and finished  
437 Footwear, except rubber  
438 Leather products, except footwear  
459 Not specified manufacturing industries

TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES

Transportation

- L Railroads and railway express service  
507 Street railways and bus lines  
508 Taxicab service  
509 Trucking service  
516 Warehousing and storage  
517 Water transportation  
518 Air transportation  
519 Petroleum and gasoline pipe lines  
526 Services incidental to transportation

INDUSTRIAL CLASSIFICATION--Con.

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES--Con.

Communications

536 Radio broadcasting and television  
538 Telephone (wire and radio)  
539 Telegraph (wire and radio)

Utilities and sanitary services

567 Electric light and power  
568 Gas and steam supply systems  
569 Electric-gas utilities  
576 Water supply  
578 Sanitary services  
579 Other and not specified utilities

WHOLESALE AND RETAIL TRADE

Wholesale trade

606 Motor vehicles and equipment  
607 Drugs, chemicals, and allied products  
608 Dry goods and apparel  
609 Food and related products  
616 Farm products--raw materials  
617 Electrical goods, hardware, and plumbing equipment  
618 Machinery, equipment, and supplies  
619 Petroleum products  
626 Miscellaneous wholesale trade  
629 Not specified wholesale trade

Retail trade

F Food stores, except dairy products  
637 Dairy products stores and milk retailing  
G General merchandise retailing  
639 Limited price variety stores  
646 Apparel and accessories stores, except shoe stores  
647 Shoe stores  
648 Furniture and housefurnishings stores  
649 Household appliances, TV, and radio stores  
656 Motor vehicles and accessories retailing  
657 Gasoline service stations  
658 Drug stores  
D Eating and drinking places  
666 Hardware and farm equipment stores  
676 Lumber and building material retailing  
678 Liquor stores  
679 Retail florists  
686 Jewelry stores  
687 Fuel and ice dealers  
689 Miscellaneous retail stores  
696 Not specified retail trade

INDUSTRIAL CLASSIFICATION--Con.

FINANCE, INSURANCE, AND REAL ESTATE

- 706 Banking and credit agencies
- 716 Security and commodity brokerage and investment companies
- 726 Insurance
- 736 Real estate (inc. real estate-insurance-law offices)

BUSINESS AND REPAIR SERVICES

- 806 Advertising
- 807 Miscellaneous business services
- 808 Automobile repair services and garages
- 809 Miscellaneous repair services

PERSONAL SERVICES

- K Private households
- 826 Hotels and lodging places
- 828 Laundering, cleaning, and dyeing services
- 829 Dressmaking shops
- 836 Shoe repair shops
- 838 Barber and beauty shops
- 839 Miscellaneous personal services

ENTERTAINMENT AND RECREATION SERVICES

- 846 Theaters and motion pictures
- 848 Bowling alleys, and billiard and pool parlors
- 849 Miscellaneous entertainment and recreation services

PROFESSIONAL AND RELATED SERVICES

- 867 Medical and other health services, except hospitals
- H Hospitals
- 869 Legal services
- E Educational services
- 879 Welfare and religious services
- 888 Nonprofit membership organizations
- 896 Engineering and architectural services
- 897 Accounting, auditing, and bookkeeping services
- 898 Miscellaneous professional and related services

PUBLIC ADMINISTRATION

- 906 Postal service
- J Federal public administration
- 926 State public administration
- 936 Local public administration

- 999 INDUSTRY NOT REPORTED

## OCCUPATIONAL CLASSIFICATION

(The single letter or 3-digit number in the left margin is the code symbol for the occupation category; "n.e.c." means not elsewhere classified)

### PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS

000 Accountants and auditors  
010 Actors and actresses  
012 Airplane pilots and navigators  
013 Architects  
014 Artists and art teachers  
015 Athletes  
020 Authors  
021 Chemists  
022 Chiropractors  
023 Clergymen  
College presidents, professors, and instructors (n.e.c.)  
030 College presidents and deans  
031 Professors and instructors, agricultural sciences  
032 Professors and instructors, biological sciences  
034 Professors and instructors, chemistry  
035 Professors and instructors, economics  
040 Professors and instructors, engineering  
041 Professors and instructors, geology and geophysics  
042 Professors and instructors, mathematics  
043 Professors and instructors, medical sciences  
045 Professors and instructors, physics  
050 Professors and instructors, psychology  
051 Professors and instructors, statistics  
052 Professors and instructors, natural sciences (n.e.c.)  
053 Professors and instructors, social sciences (n.e.c.)  
054 Professors and instructors, nonscientific subjects  
060 Professors and instructors, subject not specified  
070 Dancers and dancing teachers  
071 Dentists  
072 Designers  
073 Dietitians and nutritionists  
074 Draftsmen  
075 Editors and reporters  
080 Engineers, aeronautical  
081 Engineers, chemical  
082 Engineers, civil  
083 Engineers, electrical  
084 Engineers, industrial  
085 Engineers, mechanical  
090 Engineers, metallurgical, and metallurgists  
091 Engineers, mining  
092 Engineers, sales  
093 Engineers (n.e.c.)  
101 Entertainers (n.e.c.)  
102 Farm and home management advisers  
103 Foresters and conservationists  
104 Funeral directors and embalmers  
105 Lawyers and judges  
111 Librarians  
120 Musicians and music teachers

OCCUPATIONAL CLASSIFICATION--Con.

PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS--Con.

Natural scientists (n.e.c.)  
130 Agricultural scientists  
131 Biological scientists  
134 Geologists and geophysicists  
135 Mathematicians  
140 Physicists  
145 Miscellaneous natural scientists  
150 Nurses, professional  
151 Nurses, student professional  
152 Optometrists  
153 Osteopaths  
154 Personnel and labor relations workers  
160 Pharmacists  
161 Photographers  
162 Physicians and surgeons  
163 Public relations men and publicity writers  
164 Radio operators  
165 Recreation and group workers  
170 Religious workers  
171 Social and welfare workers, except group  
Social scientists  
172 Economists  
173 Psychologists  
174 Statisticians and actuaries  
175 Miscellaneous social scientists  
180 Sports instructors and officials  
181 Surveyors  
182 Teachers, elementary schools  
183 Teachers, secondary schools  
184 Teachers (n.e.c.)  
185 Technicians, medical and dental  
190 Technicians, electrical and electronic  
191 Technicians, other engineering and physical sciences  
192 Technicians (n.e.c.)  
193 Therapists and healers (n.e.c.)  
194 Veterinarians  
195 Professional, technical, and kindred workers (n.e.c.)

FARMERS AND FARM MANAGERS

N Farmers (owners and tenants)  
222 Farm managers

MANAGERS, OFFICIALS, AND PROPRIETORS, EXCEPT FARM

250 Buyers and department heads, store  
251 Buyers and shippers, farm products  
252 Conductors, railroad  
253 Credit men  
254 Floor men and floor managers, store  
260 Inspectors, public administration  
262 Managers and superintendents, building  
265 Officers, pilots, pursers, and engineers, ship  
270 Officials and administrators (n.e.c.), public administration  
275 Officials, lodge, society, union, etc.  
280 Postmasters  
285 Purchasing agents and buyers (n.e.c.)  
R Managers, officials, and proprietors (n.e.c.)



OCCUPATIONAL CLASSIFICATION--Con.

CLERICAL AND KINDRED WORKERS

301 Agents (n.e.c.)  
302 Attendants and assistants, library  
303 Attendants, physician's and dentist's office  
304 Baggage men, transportation  
305 Bank tellers  
310 Bookkeepers  
312 Cashiers  
313 Collectors, bill and account  
314 Dispatchers and starters, vehicle  
315 Express messengers and railway mail clerks  
320 File clerks  
321 Insurance adjusters, examiners, and investigators  
323 Mail carriers  
324 Messengers and office boys  
325 Office machine operators  
333 Payroll and timekeeping clerks  
340 Postal clerks  
341 Receptionists  
Z Secretaries  
343 Shipping and receiving clerks  
345 Stenographers  
350 Stock clerks and storekeepers  
351 Telegraph messengers  
352 Telegraph operators  
353 Telephone operators  
354 Ticket, station, and express agents  
360 Typists  
Y Clerical and kindred workers (n.e.c.)

SALES WORKERS

380 Advertising agents and salesmen  
381 Auctioneers  
382 Demonstrators  
383 Hucksters and peddlers  
385 Insurance agents, brokers, and underwriters  
390 Newsboys  
393 Real estate agents and brokers  
395 Stock and bond salesmen  
S Salesmen and sales clerks (n.e.c.)

CRAFTSMEN, FOREMEN, AND KINDRED WORKERS

401 Bakers  
402 Blacksmiths  
403 Boilermakers  
404 Bookbinders  
405 Brickmasons, stonemasons, and tile setters  
410 Cabinetmakers  
Q Carpenters  
413 Cement and concrete finishers  
414 Compositors and typesetters  
415 Cranemen, derrickmen, and hoistmen  
420 Decorators and window dressers  
421 Electricians  
423 Electrotypers and stereotypers

OCCUPATIONAL CLASSIFICATION--Con.

CRAFTSMEN, FOREMEN, AND KINDRED WORKERS--Con.

424 Engravers, except photoengravers  
425 Excavating, grading, and road machinery operators  
430 Foremen (n.e.c.)  
431 Forgemen and hammermen  
432 Furriers  
434 Glaziers  
435 Heat treaters, annealers, and temperers  
444 Inspectors, scalers, and graders, log and lumber  
450 Inspectors (n.e.c.)  
451 Jewelers, watchmakers, goldsmiths, and silversmiths  
452 Job setters, metal  
453 Linemen and servicemen, telegraph, telephone, and power  
454 Locomotive engineers  
460 Locomotive firemen  
461 Loom fixers  
465 Machinists  
470 Mechanics and repairmen, air conditioning, heating, and refrigeration  
471 Mechanics and repairmen, airplane  
472 Mechanics and repairmen, automobile  
473 Mechanics and repairmen, office machine  
474 Mechanics and repairmen, radio and television  
475 Mechanics and repairmen, railroad and car shop  
480 Mechanics and repairmen (n.e.c.)  
490 Millers, grain, flour, feed, etc.  
491 Millwrights  
492 Molders, metal  
493 Motion picture projectionists  
494 Opticians, and lens grinders and polishers  
495 Painters, construction and maintenance  
501 Paperhangers  
502 Pattern and model makers, except paper  
503 Photoengravers and lithographers  
504 Piano and organ tuners and repairmen  
505 Plasterers  
510 Plumbers and pipe fitters  
512 Pressmen and plate printers, printing  
513 Rollers and roll hands, metal  
514 Roofers and slaters  
515 Shoemakers and repairers, except factory  
520 Stationary engineers  
521 Stone cutters and stone carvers  
523 Structural metal workers  
524 Tailors and tailoresses  
525 Tinsmiths, coppersmiths, and sheet metal workers  
530 Toolmakers, and die makers and setters  
535 Upholsterers  
545 Craftsmen and kindred workers (n.e.c.)  
555 Members of the armed forces

OPERATIVES AND KINDRED WORKERS<sup>1</sup>

601 Apprentice auto mechanics  
602 Apprentice bricklayers and masons  
603 Apprentice carpenters  
604 Apprentice electricians  
605 Apprentice machinists and toolmakers  
610 Apprentice mechanics, except auto

OCCUPATIONAL CLASSIFICATION--Con.

OPERATIVES AND KINDRED WORKERS--Con.

612 Apprentice plumbers and pipe fitters  
613 Apprentices, building trades (n.e.c.)  
614 Apprentices, metalworking trades (n.e.c.)  
615 Apprentices, printing trades  
620 Apprentices, other specified trades  
621 Apprentices, trade not specified  
630 Asbestos and insulation workers  
631 Assemblers  
632 Attendants, auto service and parking  
634 Blasters and powdermen  
635 Boatmen, canalmen, and lock keepers  
640 Brakemen, railroad  
641 Bus drivers  
642 Chainmen, rodmen, and axmen, surveying  
643 Checkers, examiners, and inspectors, manufacturing  
645 Conductors, bus and street railway  
650 Deliverymen and routemen  
651 Dressmakers and seamstresses, except factory  
652 Dyers  
653 Filers, grinders, and polishers, metal  
654 Fruit, nut, and vegetable graders and packers, except factory  
670 Furnacemen, smeltermen, and pourers  
671 Graders and sorters, manufacturing  
672 Heaters, metal  
673 Knitters, loopers, and toppers, textile  
674 Laundry and dry cleaning operatives  
675 Meat cutters, except slaughter and packing house  
680 Milliners  
685 Mine operatives and laborers (n.e.c.)  
690 Motormen, mine, factory, logging camp, etc.  
691 Motormen, street, subway, and elevated railway  
692 Oilers and greasers, except auto  
693 Packers and wrappers (n.e.c.)  
694 Painters, except construction and maintenance  
695 Photographic process workers  
701 Power station operators  
703 Sailors and deck hands  
704 Sawyers  
705 Sewers and stitchers, manufacturing  
710 Spinners, textile  
712 Stationary firemen  
713 Switchmen, railroad  
714 Taxicab drivers and chauffeurs  
T Truck and tractor drivers  
720 Weavers, textile  
721 Welders and flame-cutters  
W Operatives and kindred workers (n.e.c.)

PRIVATE HOUSEHOLD WORKERS

801 Baby sitters, private household  
802 Housekeepers, private household  
803 Laundresses, private household  
P Private household workers (n.e.c.)

OCCUPATIONAL CLASSIFICATION--Con.

SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD

- 810 Attendants, hospital and other institutions
- 812 Attendants, professional and personal service (n.e.c.)
- 813 Attendants, recreation and amusement
- 814 Barbers
- 815 Bartenders
- 820 Bootblacks
- 821 Boarding and lodging house keepers
- 823 Chambermaids and maids, except private household
- 824 Charwomen and cleaners
- 825 Cooks, except private household
- 830 Counter and fountain workers
- 831 Elevator operators
- 843 Hairdressers and cosmetologists
- 832 Housekeepers and stewards, except private household
- 834 Janitors and sextons
- 835 Kitchen workers (n.e.c.), except private household
- 840 Midwives
- 841 Porters
- 842 Practical nurses
- Protective service workers
  - 850 Firemen, fire protection
  - 851 Guards, watchmen, and doorkeepers
  - 852 Marshals and constables
  - 853 Policemen and detectives
  - 854 Sheriffs and bailiffs
  - 860 Watchmen (crossing) and bridge tenders
- 874 Ushers, recreation and amusement
- 875 Waiters and waitresses
- 890 Service workers, except private household (n.e.c.)

FARM LABORERS AND FOREMEN

- 901 Farm foremen
- U Farm laborers, wage workers
- V Farm laborers, unpaid family workers
- 905 Farm service laborers, self-employed

LABORERS, EXCEPT FARM AND MINE<sup>1</sup>

- 960 Carpenters' helpers, except logging and mining
- 962 Fishermen and oystermen
- 963 Garage laborers, and car washers and greasers
- 964 Gardeners, except farm, and groundskeepers
- 965 Longshoremen and stevedores
- 970 Lumbermen, raftsmen, and woodchoppers
- 971 Teamsters
- 972 Truck drivers' helpers
- 973 Warehousemen (n.e.c.)
- X Laborers (n.e.c.)

- 995 OCCUPATION NOT REPORTED

<sup>1</sup> Mine laborers are included in the major group "Operatives and kindred workers."