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 alphabet-
izing 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 ac-
cording to whether the title is shown as a single word or as two words. Under the sys-
tem 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:

<table>
<thead>
<tr>
<th>In the Index</th>
<th>Word system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Addressing service</td>
<td>Address list compilers</td>
</tr>
<tr>
<td>Address list compilers</td>
<td>Address system, public</td>
</tr>
<tr>
<td>Addressographing service</td>
<td>Addressing service</td>
</tr>
<tr>
<td>Addressograph plates</td>
<td>Addressograph plates</td>
</tr>
<tr>
<td>Address system, public</td>
<td>Addressographing service</td>
</tr>
</tbody>
</table>

**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
- Assembler
- Assistant
- Engineer
- Helper
- Inspector
- Manager
- Mechanic
- Repairman
- 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:

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

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.
(Wshl.) - 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 (Wshl.) ..................... 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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Major occupation group</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-- and 1--</td>
<td>Professional, technical, and kindred workers</td>
</tr>
<tr>
<td>N, and 222</td>
<td>Farmers and farm managers</td>
</tr>
<tr>
<td>R, and 250 to 285</td>
<td>Managers, officials, and proprietors, except farm</td>
</tr>
<tr>
<td>Y, Z, and 301 to 360</td>
<td>Clerical and kindred workers</td>
</tr>
<tr>
<td>S, and 380 to 395</td>
<td>Sales workers</td>
</tr>
<tr>
<td>Q, and 401 to 555</td>
<td>Craftsmen, foremen, and kindred workers</td>
</tr>
<tr>
<td>T, W, and 601 to 721</td>
<td>Operatives and kindred workers</td>
</tr>
<tr>
<td>P, and 801 to 803</td>
<td>Private household workers</td>
</tr>
<tr>
<td>810 to 890</td>
<td>Service workers, except private household</td>
</tr>
<tr>
<td>U, V, and 901 and 905</td>
<td>Farm laborers and foremen</td>
</tr>
<tr>
<td>X, and 960 to 973</td>
<td>Laborers, except farm and mine</td>
</tr>
</tbody>
</table>

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 with the appropriate industry code.
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.......X,M,O,A.......888 165

An occupation return of "Activities counselor" is coded 165 when the accompanying schedule return for industry is "X,M,O,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 "X,M,O,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 "Agricultural 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................267, 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 "Agriculturist," 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, "Agriculturist" 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 383. 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 "exs._______" 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
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:

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

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:

<table>
<thead>
<tr>
<th>Occupation code</th>
<th>Must not be combined with industry codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>J, K, 906 to 936</td>
</tr>
<tr>
<td>430</td>
<td>K</td>
</tr>
<tr>
<td>450</td>
<td>J, K, 906 to 936</td>
</tr>
<tr>
<td>515, 651, 654</td>
<td>B, M, 206 to 439</td>
</tr>
<tr>
<td>674</td>
<td>K</td>
</tr>
<tr>
<td>675</td>
<td>306</td>
</tr>
<tr>
<td>W</td>
<td>126 to 156, 206</td>
</tr>
<tr>
<td>823, 825, 832, 833, 890</td>
<td>K</td>
</tr>
<tr>
<td>X, 960 to 973</td>
<td>126 to 156</td>
</tr>
<tr>
<td>X, 960</td>
<td>206</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Occupation code</th>
<th>Must be combined only with industry codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>030-060</td>
<td>E</td>
</tr>
<tr>
<td>121</td>
<td>H</td>
</tr>
<tr>
<td>N, 222</td>
<td>A</td>
</tr>
<tr>
<td>250</td>
<td>F, G, 606 to 609, 617 to 629, 637 to 658, 666 to 696</td>
</tr>
<tr>
<td>251</td>
<td>609, 616</td>
</tr>
<tr>
<td>254</td>
<td>D, F, A, 637 to 696</td>
</tr>
<tr>
<td>260, 270</td>
<td>J, 906 to 936</td>
</tr>
<tr>
<td>275</td>
<td>888</td>
</tr>
<tr>
<td>280</td>
<td>906</td>
</tr>
<tr>
<td>304</td>
<td>L, 507 to 526</td>
</tr>
<tr>
<td>305</td>
<td>706</td>
</tr>
<tr>
<td>319</td>
<td>L, 906</td>
</tr>
<tr>
<td>323, 340</td>
<td>906</td>
</tr>
<tr>
<td>351</td>
<td>539</td>
</tr>
<tr>
<td>354</td>
<td>L, 507 to 526</td>
</tr>
<tr>
<td>555</td>
<td>J</td>
</tr>
<tr>
<td>643</td>
<td>B, M, 2--, 3--, 4--</td>
</tr>
<tr>
<td>645</td>
<td>507</td>
</tr>
<tr>
<td>671</td>
<td>B, M, 2--, 3--, 4--</td>
</tr>
<tr>
<td>673</td>
<td>346 to 356</td>
</tr>
<tr>
<td>685</td>
<td>126 to 156</td>
</tr>
<tr>
<td>691</td>
<td>507</td>
</tr>
<tr>
<td>705</td>
<td>B, M, 2--, 3--, 4--</td>
</tr>
<tr>
<td>F, 801, 802, 803</td>
<td>K</td>
</tr>
<tr>
<td>821</td>
<td>826</td>
</tr>
<tr>
<td>840</td>
<td>867</td>
</tr>
<tr>
<td>852, 854</td>
<td>J, 926, 936</td>
</tr>
<tr>
<td>U, V, 901, 905</td>
<td>A</td>
</tr>
</tbody>
</table>

XIV
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

206  Lumber and wood products, except furniture
207  Logging
208  Sawmills, planing mills, and mill work
209  Miscellaneous wood products
209  Furniture and fixtures
209  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
259  Miscellaneous machinery

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
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

306  Food and kindred products
     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
439  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
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 Accounts 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, nonscience 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
172 Social scientists
173 Economists
174 Psychologists
175 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
323 Payroll and timekeeping clerks
340 Postal clerks
341 Receptionists
343 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 Bricklayers, stonemasons, and tile setters
410 Cabinetmakers
Q Carpenters
413 Cement and concrete finishers
414 Compositors and typesetters
415 Crane men, derrickmen, and hoistmen
420 Decorators and window dressers
421 Electricians
423 Electrotypers and stereotypers
<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation</th>
</tr>
</thead>
<tbody>
<tr>
<td>424</td>
<td>Engravers, except photoengravers</td>
</tr>
<tr>
<td>425</td>
<td>Excavating, grading, and road machinery operators</td>
</tr>
<tr>
<td>430</td>
<td>Foremen (n.e.c.)</td>
</tr>
<tr>
<td>431</td>
<td>Forgemen and hammermen</td>
</tr>
<tr>
<td>432</td>
<td>Furriers</td>
</tr>
<tr>
<td>434</td>
<td>Glaziers</td>
</tr>
<tr>
<td>435</td>
<td>Heat treaters, annealers, and tamperers</td>
</tr>
<tr>
<td>444</td>
<td>Inspectors, scalers, and graders, log and lumber</td>
</tr>
<tr>
<td>450</td>
<td>Inspectors (n.e.c.)</td>
</tr>
<tr>
<td>451</td>
<td>Jewelers, watchmakers, goldsmiths, and silversmiths</td>
</tr>
<tr>
<td>452</td>
<td>Job setters, metal</td>
</tr>
<tr>
<td>453</td>
<td>Linemen and servicemen, telegraph, telephone, and power</td>
</tr>
<tr>
<td>454</td>
<td>Locomotive engineers</td>
</tr>
<tr>
<td>460</td>
<td>Locomotive firemen</td>
</tr>
<tr>
<td>461</td>
<td>Loco fitters</td>
</tr>
<tr>
<td>465</td>
<td>Machinists</td>
</tr>
<tr>
<td>470</td>
<td>Mechanics and repairmen, air conditioning, heating, and refrigeration</td>
</tr>
<tr>
<td>471</td>
<td>Mechanics and repairmen, airplane</td>
</tr>
<tr>
<td>472</td>
<td>Mechanics and repairmen, automobile</td>
</tr>
<tr>
<td>473</td>
<td>Mechanics and repairmen, office machine</td>
</tr>
<tr>
<td>474</td>
<td>Mechanics and repairmen, radio and television</td>
</tr>
<tr>
<td>475</td>
<td>Mechanics and repairmen, railroad and car shop</td>
</tr>
<tr>
<td>480</td>
<td>Mechanics and repairmen (n.e.c.)</td>
</tr>
<tr>
<td>490</td>
<td>Millers, grain, flour, feed, etc.</td>
</tr>
<tr>
<td>491</td>
<td>Millwrights</td>
</tr>
<tr>
<td>492</td>
<td>Molders, metal</td>
</tr>
<tr>
<td>493</td>
<td>Motion picture projectionists</td>
</tr>
<tr>
<td>494</td>
<td>Opticians, and lens grinders and polishers</td>
</tr>
<tr>
<td>495</td>
<td>Painters, construction and maintenance</td>
</tr>
<tr>
<td>501</td>
<td>Paperhangers</td>
</tr>
<tr>
<td>502</td>
<td>Pattern and model makers, except paper</td>
</tr>
<tr>
<td>503</td>
<td>Photoengravers and lithographers</td>
</tr>
<tr>
<td>504</td>
<td>Piano and organ tuners and repairmen</td>
</tr>
<tr>
<td>505</td>
<td>Plasterers</td>
</tr>
<tr>
<td>510</td>
<td>Plumbers and pipe fitters</td>
</tr>
<tr>
<td>512</td>
<td>Pressmen and plate printers, printing</td>
</tr>
<tr>
<td>513</td>
<td>Rollers and roll hands, metal</td>
</tr>
<tr>
<td>514</td>
<td>Roofers and slaters</td>
</tr>
<tr>
<td>515</td>
<td>Shoemakers and repairers, except factory</td>
</tr>
<tr>
<td>520</td>
<td>Stationary engineers</td>
</tr>
<tr>
<td>521</td>
<td>Stone cutters and stone carvers</td>
</tr>
<tr>
<td>523</td>
<td>Structural metal workers</td>
</tr>
<tr>
<td>524</td>
<td>Tailors and tailoresses</td>
</tr>
<tr>
<td>525</td>
<td>Tinmiths, coppersmiths, and sheet metal workers</td>
</tr>
<tr>
<td>530</td>
<td>Toolmakers, and die makers and setters</td>
</tr>
<tr>
<td>535</td>
<td>Upholsterers</td>
</tr>
<tr>
<td>545</td>
<td>Craftsmen and kindred workers (n.e.c.)</td>
</tr>
<tr>
<td>555</td>
<td>Members of the armed forces</td>
</tr>
</tbody>
</table>

**OPERATIVES AND KINDRED WORKERS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation</th>
</tr>
</thead>
<tbody>
<tr>
<td>601</td>
<td>Apprentice auto mechanics</td>
</tr>
<tr>
<td>602</td>
<td>Apprentice bricklayers and masons</td>
</tr>
<tr>
<td>603</td>
<td>Apprentice carpenters</td>
</tr>
<tr>
<td>604</td>
<td>Apprentice electricians</td>
</tr>
<tr>
<td>605</td>
<td>Apprentice machinists and toolmakers</td>
</tr>
<tr>
<td>610</td>
<td>Apprentice mechanics, except auto</td>
</tr>
</tbody>
</table>
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 Chairmen, rodmen, and axmen, surveying
643 Checkers, examiners, and inspectors, manufacturing
645 Conductor, 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, loomers, and tappers, 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
702 Sailors and deck hands
703 Sawyers
705 Sewers and stitchers, manufacturing
710 Spinners, textile
712 Stationary firemen
713 Switchmen, railroad
714 Taxicab drivers and chauffeurs
715 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
852 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
840 Protective service workers
850 Firemen, fire protection
851 Guards, watchmen, and doorkeepers
852 Marshals and constables
823 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 MINEL

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

1 Mine laborers are included in the major group "Operatives and kindred workers."

XXIV