Introduction to the NBER Extension to the Mare-Winship Data

This file contains the documentation for the original Mare-Winship CPS extracts (covering 1964-1988) and the extension to 1993 done by Christine Collins at the NBER during the spring of 1996. While most of the documentation is copied directly from the Mare-Winship documentation, changes were made to reflect necessary changes in the meanings of codes. We have tried to keep to the spirit of the of the Mare-Winship project and have not done extensive recoding.

For many of the variables, the coding did not change from the 1964-88 codes to the 1989+ codes. However, there were several variables that did have to be documented for changes in coding. Where applicable, these changes are listed next to the old codes.

When going through the data, we did not find the location of several of the variables in the CPS Data Dictionary. These variables were:

- x62 Normal Full Time Job
- x101-x102 Family [A/P] Weight
- x109-x113 Type [A-E] Income
- x114 Dividends and Interest

Two variables (x75 and x95) were constrained by single character output fields. For these variables, two-digit values were recoded to 0. For x75 (Relationship to household head) some information was lost.

(*NOTE: Data could be found for variables measuring income from dividends, rents and trusts; dividends; interest, dividends and net rentals; and rent. There was not enough information available to generate the data measuring dividends and interest alone.)

All variables that could not be found for the time series 1989-1992 were set to zero.

Any errors should be drawn to the attention of Daniel Feenberg at feenberg@nber.harvard.edu.
1964 - 1988 March CPS Extracts

Mare and Winship have prepared a (nearly) uniform subset of the March CPS files from 1964 to 1988. Documentation is in hard copy only. There are 3,491,201 records in total. Because this is a rectangular file (no family or household records) it is very easy to deal with.

The files are kept in /home/data/mare_winship and are compressed with the Unix compress command.

The following SAS program reads every record in every year, and prepares a weighted count. Note the filename and infile statements that demonstrate how to read out of the compressed files.

```sas
libname save '\';
filename raw pipe 'zcat /home/data/mare_winship/cpsmww??.raw.z';

data;
length year=4;
infiles raw lrecl=386;
input year 13-14 famwght 248-259;
famwght=famwght/100;
run;
```

Users of other packages can use the Unix ‘cut’ command to make similar extracts. For example:

```bash
zcat /home/data/mare_winship/cpsmww??.raw.Z|cut -c13-14,248-259 >foo
```

will concatenate all 25 years of data and make a two variable extract.
<table>
<thead>
<tr>
<th>Variable Name</th>
<th>Category Description</th>
<th>Column #s</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Household Counter</td>
<td>household no. within file [all persons]</td>
<td>1-6</td>
</tr>
<tr>
<td>2. Family-in-Household1</td>
<td>family location within households [all persons]</td>
<td>7-9</td>
</tr>
<tr>
<td>3. Person-in-family</td>
<td>person location within family [all persons]</td>
<td>10-12</td>
</tr>
<tr>
<td>4. Year</td>
<td>year of CPS [all persons]</td>
<td>13-14</td>
</tr>
<tr>
<td>5. Household ID Number2</td>
<td>actual number</td>
<td>1-8</td>
</tr>
<tr>
<td></td>
<td>invalid code</td>
<td>9</td>
</tr>
<tr>
<td>6. Household Month in Sample</td>
<td>month in sample</td>
<td>1-8</td>
</tr>
<tr>
<td></td>
<td>[1977+ = 00000]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>[1977+ = 000]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>[1964-67, 1977+ = 00]</td>
<td></td>
</tr>
<tr>
<td>Padding</td>
<td>zero</td>
<td>33</td>
</tr>
<tr>
<td>11. Family Description</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td>primary family containing no subfamilies</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>primary family with 1 or more subfamilies</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>secondary family</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>subfamily</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>primary individual</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>secondary individual, 14+, in a household</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>secondary individual, 14+, in group quarters</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>a secondary individual, under 14, in a household</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>secondary individual, under 14, in group quarters [1964-67 = 1-6 only]</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>12. Family Position in Household</td>
<td></td>
<td>35-36</td>
</tr>
<tr>
<td>family sequence within household</td>
<td>41-79</td>
<td></td>
</tr>
<tr>
<td>NIU</td>
<td>00</td>
<td></td>
</tr>
<tr>
<td>[universe = 1976-1882]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[1968-1975 = 00]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13. Family Type</td>
<td></td>
<td>37</td>
</tr>
</tbody>
</table>
C-recipency

<table>
<thead>
<tr>
<th>yes</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>2</td>
</tr>
</tbody>
</table>

**Padding**

| zero | 38 |

14. Kind of Family

<table>
<thead>
<tr>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>primary family</td>
<td>1</td>
</tr>
<tr>
<td>subfamily</td>
<td>2</td>
</tr>
<tr>
<td>secondary family</td>
<td>3</td>
</tr>
<tr>
<td>primary individual</td>
<td>4</td>
</tr>
<tr>
<td>secondary individuals</td>
<td>5</td>
</tr>
</tbody>
</table>

15. Number of Persons

<table>
<thead>
<tr>
<th>01-39</th>
<th>number of persons</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 = 7+ [1964-67 only]</td>
<td></td>
</tr>
</tbody>
</table>

16. Total family income

| amount shown equals income, except: |
| +999999999 = not in universe [1968-75 only] |
| $50000 = $50000 or more [1968-75 only] |

(see note 3)

17. Type of Family

<table>
<thead>
<tr>
<th>68-75</th>
<th>64-67, 76-81</th>
</tr>
</thead>
<tbody>
<tr>
<td>male family head</td>
<td>1</td>
</tr>
<tr>
<td>husband-wife family</td>
<td>1</td>
</tr>
<tr>
<td>other male head</td>
<td>2</td>
</tr>
<tr>
<td>female family head</td>
<td>3</td>
</tr>
</tbody>
</table>

18. Census Geodvision

| New England | 01 |
| Middle Atlantic | 02 |
| East North Central | 03 |
| West North Central | 04 |
| South Atlantic | 05 |
| East South Central | 06 |
| West South Central | 07 |
| Mountain | 08 |
| Pacific | 09 |
| missing data | 99 |

19. Central City Status

| central city | 1 |
| balance of SMSA | 2 |
| not in SMSA | 3 |
| not identifiable [1977+ only] | 4 |

20. Household Serial or Segment Number

<table>
<thead>
<tr>
<th>actual number</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1964-67 = 000000)</td>
</tr>
</tbody>
</table>

21. Household Type

<table>
<thead>
<tr>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>household</td>
<td>1</td>
</tr>
<tr>
<td>group quarter</td>
<td>2</td>
</tr>
<tr>
<td>primary family</td>
<td>1</td>
</tr>
<tr>
<td>primary individual living alone</td>
<td>2</td>
</tr>
<tr>
<td>primary individual living with nonrelatives</td>
<td>3</td>
</tr>
<tr>
<td>[1964-67 = 0]</td>
<td></td>
</tr>
</tbody>
</table>

22. Household Status

| not in universe (group quarter) | 0 |
| primary family | 1 |
| primary individual (alone) | 2 |
| primary individual (living with nonrelative) | 3 |

[for all households, 1977-1982; 1964-1976 = 0]
Padding: zeros 64-65


Padding: zero 70

25. Region

<table>
<thead>
<tr>
<th>Region</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northeast</td>
<td>1</td>
</tr>
<tr>
<td>North Central</td>
<td>2</td>
</tr>
<tr>
<td>South</td>
<td>3</td>
</tr>
<tr>
<td>West</td>
<td>4</td>
</tr>
<tr>
<td>Missing</td>
<td>9</td>
</tr>
</tbody>
</table>

26. SMSA: Actual SMSA codes for each year as given in Appendix E 72-73

27. SMSA-I: common coding for selected cities as given in Appendix F 74-75

Padding: zero 76

28. SMSA Status

<table>
<thead>
<tr>
<th>Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMSA</td>
<td>1</td>
</tr>
<tr>
<td>NONSMSA</td>
<td>2</td>
</tr>
<tr>
<td>not identifiable [1977+ only]</td>
<td>3</td>
</tr>
</tbody>
</table>

29. State: actual state codes for each year as given in Appendix G 78-79

30. STATE-I: common state code for all years as given in Appendix H 80-81

31. Total Household Income: amount shown equals income except: +999999999 = not in universe 82-91

  50000 = $50000 or more [in 1968-75 only]
  (in 1968-75 only)
  (universe for 1976+ = all persons)

(see note 3)

32. ADC Recipiency

<table>
<thead>
<tr>
<th>Status</th>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>not in universe</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>yes</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>AFCD (ADC)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>AFCD &amp; other</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>no missing data</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

[1966-75 = ADC and public assistance]

[universe = persons 14+] [1964-65 = 0]

33. Age

<table>
<thead>
<tr>
<th>Age Details</th>
<th>0-99</th>
</tr>
</thead>
<tbody>
<tr>
<td>invalid code [1968-69 only]</td>
<td>999</td>
</tr>
</tbody>
</table>

34. Alimony Recipiency 96

<table>
<thead>
<tr>
<th>Status</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>not in universe</td>
<td>1</td>
</tr>
<tr>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>no</td>
<td>2</td>
</tr>
</tbody>
</table>

[universe = persons 14+]

[1964-1968 = 0]

35. Any Reason Could Not Take a Job: 97

<table>
<thead>
<tr>
<th>Status</th>
<th>0</th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>not in universe</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>yes</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>no</td>
<td></td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

[civilians 14+, who are looking for]
a job (3 in variable 41) [1964-67 = 0]

36. Class of Worker
   (Current Job)  98

       64-88  89-92
   NIU, NC       0      0
   private       1      1
   government    2
   federal governmen 2
   state governmen 3
   local governmen 4
   self-employed  3      5
   self-employed, not inc  6
   without pay    4      7
   never worked or never worked full  5      8
   [1976+ only]
   [universe = civilians 14+ (1 in P1) and
   a) ESR (P152) 3 and
   b) ESR (P152) 3 and P168 is 1 or 2
   c) ESR (P152) 4-7, month in sample
   (P26) is 1 or 5 and P183 is 1-2]

37. Complete High Grade
   Attended  99

       0
   not in universe
       1
   yes
       2
   no
       9
   invalid code
   [persons 14+ years old]

38. Current Industry  100-102

   NIU [1971+]
   000
   census codes  001-997
   invalid code  998
   NIU [1968-70]
   999
   [1960 codes for 1968-70]
   [1970 codes for 1971+]
   (same as variable 36 [column 98])
   (see Appendix A for 1964-67 current
   industry codes)
   (see Appendix A-1 for 1983-92+ current
   industry codes)

39. Current Occupation  103-105

   NIU
   000
   census codes  001-997
   [1960 codes for 1968-70]
   [1970 codes for 1971+]
   (same as variable 36 [column 98])
   (see Appendix B-1 for 1983-92+ current
   occupation codes)

40. Didn't Work Last Year  106

   NIU/did work
   0
   did not work
   1
   [civilians 14+]
   [universe is unknown for 1977-79]

41. Employment Status
   Recode  107

       64-88  89-92
   NIU
   0      0
   working, employed
   1      1
   with job, not at work, employed
   2
   looking, unemployed
   3
   layoff, unemployed
   4
   house keeping, NILF
   4
   at school, NILF
   5
   unable, NILF
   6
   working w/out pay <=15 hours;
   temp absent from w/out pay job, NILF
   5
   unavailable, NILF
   6
42. Family (Secondary)

Membership Key

member secondary family no. 1 1
member secondary family no. 2 2
member secondary family no. 3 3
member secondary family no. 4 4
member secondary family no. 5 5
member secondary family no. 6 6
member of primary family or
subfamily
primary or secondary individual 8
[1976-82 = 7 or 8 only]

Padding Zero 109

43. Family Number

not in sub/secondary family 0
sub/secondary family number 1-6
[subfamily members only in 1980]
[members of sub/secondary families]
[1964-67 = 0]

Padding Zero 111

44. Family Relationship

not in sub/secondary family 0
head (sub/secondary family) 1
wife (sub/secondary family) 2
child (sub/secondary family) 3
other relative (secondary family) 4

Padding Zero 113

45. Family Type

primary family 64-88 89-92
secondary individual 2 5
secondary family member 3 4
subfamily member 4 3
primary individual 5 2

46. Farm/Self-Employed

Income

0-69999 = actual amount
50000 = $50000+ [1968-75]
+999999 = NIU [1968-75] [good for 1968-75 only;
NIU in 1976+ = +000000]
[persons 14+]
(see note 3)

47. Full/Part Time,

Full/Part Year Work

NIU 0
full-time (full year worker) 1
part-time (full year worker) 2
full-time (part year worker) 3
part-time (part year worker) 4
nonworker 5
invalid data 9
[civilians 14+]
[civilians 15+ in 1980+]

48. Full/Part Time Work

Recode

children or armed forces 64-88 89-92
NIU, not in labor force 0 1
employed full time 1 2
part-time for economic reasons 2 3
(usually full time, 89-92)
part-time for noneconomic reasons 4
(usually part-time)
part-time for economic reasons 
(usually part-time) 5
employed full-time 3
employed part-time 4
unemployed part-time [1968+ only] 5
with job, not at work
[1964-75 only] 7
[1964-67 only] 6
missing data 9
[civilians 14+, where variable 41 = 1, 2 or 3]

49. High Grade Attended

<table>
<thead>
<tr>
<th>Grade</th>
<th>64-88</th>
<th>89-91</th>
</tr>
</thead>
<tbody>
<tr>
<td>D or K</td>
<td>00</td>
<td>00</td>
</tr>
<tr>
<td>elementary 1 to 8</td>
<td>02-09</td>
<td>01-08</td>
</tr>
<tr>
<td>high school 1 to 4</td>
<td>10-13</td>
<td>09-12</td>
</tr>
<tr>
<td>college 1 to 4</td>
<td>14-17</td>
<td>13-16</td>
</tr>
<tr>
<td>college 5</td>
<td>18</td>
<td>17</td>
</tr>
<tr>
<td>college 6+</td>
<td>19</td>
<td>18</td>
</tr>
<tr>
<td>NIU (under 14 years)</td>
<td>00</td>
<td>00</td>
</tr>
<tr>
<td>(persons 14+)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

50. Hours Worked Last Week

<table>
<thead>
<tr>
<th>Hours Worked</th>
<th>00</th>
<th>1-99</th>
</tr>
</thead>
<tbody>
<tr>
<td>(civilians 14+, who worked last week (1 in variable 41))</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

51. Household Recode-I as given in Appendix I

<table>
<thead>
<tr>
<th>Padding</th>
<th>128-129</th>
</tr>
</thead>
<tbody>
<tr>
<td>padding</td>
<td>130</td>
</tr>
<tr>
<td>padding</td>
<td>131</td>
</tr>
</tbody>
</table>

52. Household Recode-II

<table>
<thead>
<tr>
<th>Identification</th>
<th>132-133</th>
</tr>
</thead>
<tbody>
<tr>
<td>head of household</td>
<td>1</td>
</tr>
<tr>
<td>wife of head of household</td>
<td>2</td>
</tr>
<tr>
<td>child of head, under 18,</td>
<td>3</td>
</tr>
<tr>
<td>never-married</td>
<td>4</td>
</tr>
<tr>
<td>child of head, under 18,</td>
<td>5</td>
</tr>
<tr>
<td>ever-married</td>
<td>6</td>
</tr>
<tr>
<td>child of head, 18+</td>
<td>7</td>
</tr>
<tr>
<td>other relative of head</td>
<td>8</td>
</tr>
<tr>
<td>nonrelative of head</td>
<td></td>
</tr>
<tr>
<td>secondary individuals/group quarters</td>
<td>9</td>
</tr>
</tbody>
</table>

53. Household Recode-III

<table>
<thead>
<tr>
<th>Identification</th>
<th>134</th>
</tr>
</thead>
<tbody>
<tr>
<td>head of family</td>
<td>01</td>
</tr>
<tr>
<td>wife of head</td>
<td>02</td>
</tr>
<tr>
<td>under 18, single, never married,</td>
<td>03</td>
</tr>
<tr>
<td>child of family head</td>
<td>04</td>
</tr>
<tr>
<td>under 18, ever-married, child</td>
<td>05</td>
</tr>
<tr>
<td>of family head</td>
<td>06</td>
</tr>
<tr>
<td>18+, child of family head</td>
<td>07</td>
</tr>
<tr>
<td>grandchild of head [1968+ only]</td>
<td>08</td>
</tr>
<tr>
<td>under 18, single, never-married,</td>
<td>09</td>
</tr>
<tr>
<td>other relative</td>
<td>10</td>
</tr>
<tr>
<td>under 18, ever-married, other relative</td>
<td>11</td>
</tr>
<tr>
<td>18+, other relative</td>
<td></td>
</tr>
<tr>
<td>primary individual</td>
<td></td>
</tr>
<tr>
<td>secondary individual</td>
<td></td>
</tr>
</tbody>
</table>

54. Last Work Full Time, 2+ Consecutive Weeks

<table>
<thead>
<tr>
<th>Identification</th>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIU</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>within past 12 mo.</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>in last 5 years</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>1-5 years ago</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>more than 5 years ago</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>never worked full time 2+ weeks</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>never worked at all</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>(civilians 14+ who were looking for work last week (3 in variable 41)) [1964-67 = 0]</td>
<td>8</td>
<td>8</td>
</tr>
</tbody>
</table>
### 55. Last Work Full Time

- **For Pay, 2+ Consecutive Weeks**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>NIU</td>
</tr>
<tr>
<td>1</td>
<td>within past 12 months</td>
</tr>
<tr>
<td>2</td>
<td>1-2 years ago</td>
</tr>
<tr>
<td>3</td>
<td>2-3 years ago</td>
</tr>
<tr>
<td>4</td>
<td>3-4 years ago</td>
</tr>
<tr>
<td>5</td>
<td>4-5 years ago</td>
</tr>
<tr>
<td>6</td>
<td>5+ years ago</td>
</tr>
<tr>
<td>7</td>
<td>never worked</td>
</tr>
<tr>
<td>9</td>
<td>invalid code [1968 only]</td>
</tr>
</tbody>
</table>

[Civilians 14+ who were NILF (4-7 in variable 41) and for whom the month in sample was right; [1969-75 have bad data in more than 10% of cases that are in universe; [1964-67 = 0]]

### 56. Look for Work Last Year

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>NIU</td>
</tr>
<tr>
<td>1</td>
<td>yes</td>
</tr>
<tr>
<td>2</td>
<td>no</td>
</tr>
<tr>
<td>9</td>
<td>invalid code [1968 only]</td>
</tr>
</tbody>
</table>

[Civilians 14+ who didn't work last year]

### 57. Look for Full or Part Time Work Last Week

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>NIU</td>
</tr>
<tr>
<td>1</td>
<td>full time</td>
</tr>
<tr>
<td>2</td>
<td>part time</td>
</tr>
</tbody>
</table>

[Civilians 14+ who were looking for work last week (3 in variable 41); [1964-67 = 0]]

### 58. Looking or Layed-Off Last Year (Part-Year Workers)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>NIU/looking or layed off last year</td>
</tr>
<tr>
<td>1</td>
<td>not looking or layed off</td>
</tr>
<tr>
<td>9</td>
<td>invalid code [1968 only]</td>
</tr>
</tbody>
</table>

[Civilians 14+ who worked 1-49 weeks last year (part year workers)]

### 59. Major Activity Last Week

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>NIU</td>
</tr>
<tr>
<td>1</td>
<td>working</td>
</tr>
<tr>
<td>2</td>
<td>with a job but not at work</td>
</tr>
<tr>
<td>3</td>
<td>looking for work</td>
</tr>
<tr>
<td>4</td>
<td>keeping house</td>
</tr>
<tr>
<td>5</td>
<td>at school</td>
</tr>
<tr>
<td>6</td>
<td>unable to work</td>
</tr>
<tr>
<td>7</td>
<td>other/retired</td>
</tr>
</tbody>
</table>

(expanded from basic CPS; [civilians 14+])

### 60. Marital Status

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>married, spouse present</td>
</tr>
<tr>
<td>2</td>
<td>married, AF spouse absent</td>
</tr>
<tr>
<td>3</td>
<td>married, spouse absent</td>
</tr>
<tr>
<td>4</td>
<td>widowed</td>
</tr>
<tr>
<td>5</td>
<td>divorced</td>
</tr>
<tr>
<td>6</td>
<td>separated</td>
</tr>
<tr>
<td>7</td>
<td>never married (includes under 14)</td>
</tr>
</tbody>
</table>

### 61. Nonfarm Self-employment Income

- 0-49999 = actual amount
- 50000 = $50000+ [1968-75]
- +999999 = NIU [1968-75]
  [good for 1968-75 only; NIU in 1976+ = +000000]
  [persons 14+]
62. Normal Full Time Job

NIU
yes
no
[civilians 14+ who were with job but not at work last week (2 in variable 41)]
[1964-67 = 0]

63. Normal Full Time Work

NIU
yes
no
[civilians 14+ who worked part time last week]

64. Paid Time Off Last Week

<table>
<thead>
<tr>
<th></th>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIU</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>yes</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>no</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>self-employed</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
[civilians 14+ who were with job but not at work last week (2 in variable 41)]

65. Parents Presence

NIU
both
mother only
father only
neither
[1976-81 only; 1964-75 = 0]
[NIU is unknown]

66. Person Sequence Number

actual number
invalid code
[1964-67 = 0]

67. Person’s Total Earnings

0-150000 = actual number
+9999999 = NIU [1968-75 only]
[persons 14+]
(See note 3)

68. Person’s Total Income

0-150000 = actual amount [1976+]
50000 = 50000+ [1969-75 only]
+9999999 = NIU [1968-75 only]
[persons 14+]
(See note 3)

69. Population Type

noninterview
migrants 14+ [15+ in 1981]
armed forces
children [1968+ only]

70. Public Assistance Amount

0 = NIU/none [1976+]
0-50000 = actual amount
50000 = 50000+ [1968-75 only]
+9999999 = NIU [1968-1975 only]
[persons 14+]
[1964-67 = 0000000]
(see note 3)

71. Public Assistance Recipient (other than ABC)
### Race

<table>
<thead>
<tr>
<th></th>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Black</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Amer Indian, Aleut Eskimo</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
<td>5</td>
</tr>
</tbody>
</table>

### Reason Not at Work Last Week

<table>
<thead>
<tr>
<th>Reason</th>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIU</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>already had a job -- UI</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>temporary illness -- UI</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>vacation</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>bad weather</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>labor dispute</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>new job within 30 days, NILF</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>temp layoff (&lt;30 days), NILF</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>perm layoff (30+ days), NILF</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>going to school -- UI</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>other -- UI</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>invalid</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

[civilians 14+ where variable 41 = 3 and variable 35 = 1]  
[1966-67 = 0]  
[1968-75 = 1 & 2 only - CPS error]

### Reason Not at Work Last Year

<table>
<thead>
<tr>
<th>Reason</th>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>ill</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>home [females only]</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>school</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>unable to find work</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>armed forces [1968+ only]</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>retired [1968+ only]</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>other</td>
<td>7</td>
<td>6</td>
</tr>
<tr>
<td>NIU</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

[civilians 14+ who did not work last year]

### Relationship to Household Head

<table>
<thead>
<tr>
<th>Relationship</th>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIU [1968-76 only]</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>head with other relatives</td>
<td>1</td>
<td>01</td>
</tr>
<tr>
<td>primary individual</td>
<td>2</td>
<td>02</td>
</tr>
<tr>
<td>wife of head</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>husband</td>
<td>03</td>
<td></td>
</tr>
<tr>
<td>wife</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>child of head/other relative of head</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>child natural/adopted</td>
<td>05</td>
<td></td>
</tr>
<tr>
<td>stepchild of head</td>
<td>06</td>
<td></td>
</tr>
<tr>
<td>grandchild of head</td>
<td>07</td>
<td></td>
</tr>
<tr>
<td>parent of head</td>
<td>08</td>
<td></td>
</tr>
<tr>
<td>brother/sister of head</td>
<td>09</td>
<td></td>
</tr>
<tr>
<td>other relative of head</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>foster child of head</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>secondary family member</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>partner/roommate</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>secondary individual</td>
<td>6</td>
<td>14</td>
</tr>
</tbody>
</table>

[civilians 14+]

### Sex

<table>
<thead>
<tr>
<th>Sex</th>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>male</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>female</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

### Subfamily Membership

Key
78. Unemployment Recipiency

NIU
yes 0
no 1
[persons 14+]
[1964-68 = 0]

79. Veteran Status

Vietnam Era 1
Korean War 2
World War II 3
World War I 4
other service 5
nonveteran 6
NIU 0
[males 14+]

80. Person's Wage & Salary

0 = NIU/none [1976+]
0-50000 = actual amount
50000 = 50000+ [1968-75 only]
+99999 = NIU [1968-75 only]
[persons 14+]
(same as variable 70)

Padding Zero

81. Week Unemployed

NIU 00
actual weeks 1-99
[civilians 14+ who were looking
for work last week]
[see appendix C for detailed weeks
unemployed for 1964-67]

82. Weeks Looking for
Work Last Year-I

64-88
NIU 00
number of weeks >00
[civilians 14+ who did not work
last year; good only for 1976-82;
1964-75 = 00]

89-92
none (not looking) 1
1-4 weeks looking 2
5-14 weeks looking 3
15-26 weeks looking 4
27-39 weeks looking 5
40+ weeks looking 6
workers 7
NIU 0
Padding Zero

83. Weeks Looking for Work
Last Year-II

64-88 89-92
none (not looking) 1 1
1-4 weeks looking 2 2
5-14 weeks looking 3 3
15-26 weeks looking 4 4
27-39 weeks looking 5 5
40+ weeks looking 6 6
### 84. Weeks Looking or Laid Off Work Last Year-I

<table>
<thead>
<tr>
<th>Number of Weeks</th>
<th>1-4 weeks</th>
<th>5-10 weeks</th>
<th>11-14 weeks</th>
<th>15-26 weeks</th>
<th>27-39 weeks</th>
<th>40+ weeks</th>
<th>Full year worker</th>
<th>Non-worker</th>
<th>Invalid code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>0</td>
<td>1</td>
<td>3</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td></td>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

### 85. Weeks Looking or Laid Off Work Last Year-II

<table>
<thead>
<tr>
<th>Number of Weeks</th>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### 86. Weeks Worked Last Year-I

<table>
<thead>
<tr>
<th>Number of Weeks</th>
<th>1-4 weeks</th>
<th>5-10 weeks</th>
<th>11-14 weeks</th>
<th>15-26 weeks</th>
<th>27-39 weeks</th>
<th>40+ weeks</th>
<th>Full year worker</th>
<th>Non-worker</th>
<th>Invalid code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>0</td>
<td>1</td>
<td>3</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td></td>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

### 87. Weeks Worked Last Year-II

<table>
<thead>
<tr>
<th>Number of Weeks</th>
<th>64-75</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>0</td>
</tr>
</tbody>
</table>

### 88. Why Less than Full Time Work

<table>
<thead>
<tr>
<th>Reason</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slack</td>
<td>01</td>
</tr>
<tr>
<td>Material shortage</td>
<td>02</td>
</tr>
<tr>
<td>Plant or machine repair</td>
<td>03</td>
</tr>
<tr>
<td>New job started during week</td>
<td>04</td>
</tr>
<tr>
<td>Job terminated during week</td>
<td>05</td>
</tr>
<tr>
<td>Could find only part time work</td>
<td>06</td>
</tr>
<tr>
<td>Holiday</td>
<td>07</td>
</tr>
<tr>
<td>Labor dispute</td>
<td>08</td>
</tr>
<tr>
<td>Bad weather</td>
<td>09</td>
</tr>
<tr>
<td>Own illness</td>
<td>10</td>
</tr>
<tr>
<td>On vacation</td>
<td>11</td>
</tr>
<tr>
<td>Too busy with house, school, etc.</td>
<td>12</td>
</tr>
<tr>
<td>Did not want full time work</td>
<td>13</td>
</tr>
<tr>
<td>Full time work week less than 35 hrs.</td>
<td>14</td>
</tr>
</tbody>
</table>
89. Why Look for Work

<table>
<thead>
<tr>
<th>Reason</th>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIU</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>lost job</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>quit job</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>left school</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>wanted temporary work</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>change in home/family</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>left military service</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>other</td>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td>invalid code</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

[civilians 14+ who were looking for work last week 15+ in 1980-81]
(in 1968-75 about 10% of all cases in universe had bad data) [1964-67 = 0]  

90. Why Not at Work

<table>
<thead>
<tr>
<th>Reason</th>
<th>ESR</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIU</td>
<td>0</td>
</tr>
<tr>
<td>own illness</td>
<td>1</td>
</tr>
<tr>
<td>on vacation</td>
<td>2</td>
</tr>
<tr>
<td>bad weather</td>
<td>3</td>
</tr>
<tr>
<td>labor dispute</td>
<td>4</td>
</tr>
<tr>
<td>new job begin 30 days</td>
<td>5</td>
</tr>
<tr>
<td>[1968+ only]</td>
<td></td>
</tr>
<tr>
<td>temporary layoff</td>
<td>6</td>
</tr>
<tr>
<td>[1968+]</td>
<td></td>
</tr>
<tr>
<td>indefinite layoff</td>
<td>7</td>
</tr>
<tr>
<td>[1968+ only]</td>
<td></td>
</tr>
<tr>
<td>other</td>
<td>8</td>
</tr>
<tr>
<td>invalid code</td>
<td>9</td>
</tr>
</tbody>
</table>

[civilians 14+ and for whom variable 41 = 2 or 3-15+ in 1980-81]
[in 1964-65, universe = all civilians 14+ for whom variable 41 = 2 only]
[in 1968-75 about 10% of all cases in universe had bad data]  

91. Person Serial Number

<table>
<thead>
<tr>
<th>Actual Number</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1964-67 = 0, 1980+ = 0)</td>
<td></td>
</tr>
</tbody>
</table>

92. Poverty Cutoff-Dollars

<table>
<thead>
<tr>
<th>Poverty Cutoff-Dollars</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>000000 = NIU [1976+]</td>
<td></td>
</tr>
<tr>
<td>99999 = NIU [1968-75]</td>
<td></td>
</tr>
<tr>
<td>else = dollar amount</td>
<td></td>
</tr>
<tr>
<td>[1968-75, universe = secondary individuals 14+ or families except subfamilies; 1976-81, universe = persons 14+, except primary and secondary individuals] [1964-67 = 000000]</td>
<td></td>
</tr>
</tbody>
</table>

93. Poverty-Level

<table>
<thead>
<tr>
<th>Level</th>
<th>64-88</th>
<th>89-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIU [1968-75 only]</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>below poverty cutoff amount</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>above poverty cutoff amount</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>100-124% of the low-income level</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>125-149% of the low-income level</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>150% and above the low-income level</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>missing data</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

[universe = same as variable 92] [1964 = 0]  

94. Class of Worker

<table>
<thead>
<tr>
<th>Class</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NIU</td>
<td>0</td>
</tr>
<tr>
<td>private wage or salary</td>
<td>1</td>
</tr>
<tr>
<td>government</td>
<td>2</td>
</tr>
<tr>
<td>self-employed</td>
<td>3</td>
</tr>
<tr>
<td>w/o pay in family farm or</td>
<td>4</td>
</tr>
<tr>
<td>business</td>
<td></td>
</tr>
</tbody>
</table>

[universe = civilians 14+, who worked last year]
95. Spanish Ethnicity

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>64-68</th>
<th>69-92</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexican American</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Chicano</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Mexican (Mexicano 89-92)</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Puerto Rican</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Cuban</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Central or South American</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>other Spanish</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>other</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>don't know</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>not available</td>
<td>8</td>
<td>10</td>
</tr>
</tbody>
</table>

[universe = all persons; 1964-70 = 0]

96. Industry Last Year

same as Current Industry
(Positions 100-102)

97. Main Reason for Part-Year Work

<table>
<thead>
<tr>
<th>Reason</th>
<th>68-75</th>
<th>76-88</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIU</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>looking/unemployed</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>ill</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>home/family</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>school</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>retired</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>other</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>full year worker</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>never worked</td>
<td>9</td>
<td>9</td>
</tr>
</tbody>
</table>

[universe = persons 14+ who were part-year workers last year; 1964-67 = 0]

98. Occupation Last Year

same as Current Occupation
(positions 103-105)
(universe = persons 14+ who worked last year)

99. Stretches of Unemployment

<table>
<thead>
<tr>
<th>Reason</th>
<th>68-75</th>
<th>76-88</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIU</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1 stretch last year</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2 stretches last year</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>3+ stretches last year</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

[universe = 14+, part-year workers who looked for work or were layed off last year - 1968-75, 1980-81 only; 1964-67, 1976-79 = 0]

100. Weeks in Labor Force

<table>
<thead>
<tr>
<th>Weeks</th>
<th>68-75</th>
<th>76-88</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIU</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1-13 weeks</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>14-26 weeks</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>27-39 weeks</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>40-47 weeks</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>48-69 weeks</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>50-52 weeks</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>invalid code [1968 only]</td>
<td>9</td>
<td>9</td>
</tr>
</tbody>
</table>

[universe = persons 14+ who were part-year workers - 1964-75 only; 1962-67, 1976-79 = 0]

101. Family A Weight

amount = weight
4 implied decimal places
99999 = invalid code
(universe = all records - 1968-76; 1964-67, 1977+ = 00000)

102. Family P Weight

(as per Family A Weight [variable 1011])

103. Family Weight Basic

amount = weight
2 implied decimal places
may be negative weights
(universe = 1964-75, 1977-82;
104. Household Weight

amount = weight
2 implied decimal places
[universe = 1977-81; 1964-67 is zero filled; 1968-76 = +000000000] 260-270

105. Person A Weight

amount = weight
4 implied decimal places
99999 = invalid code

106. Person P Weight

(as per Person A Weight [variable 105]) 276-280

107. Person Supplemental Weight

(as per Family Weight Basic [variable 103, except 1976 is in universe]) 281-292

108. Basic CPS Weight

amount = weight
2 implied decimal places
[universe = persons 14+ - 1976-82 only; 1964-67 is zero filled; 1968-75 = +000000000] 293-303

109. Type-A-Income

0 = NIU/none (1976+)
else = actual amount [1976+]
0 - 49999 = actual amount [1968-1975]
50000 = $50000+ [1968-1975]
+99999 = NIU [1968-1975]
[universe: 1968-1975 = persons 14+;
1976+ = all]
[1964-67, 1980-82 = 000000000] (see note 3) 304-310

110. Type-B-Income

(as per variable 109, except 1980-81 are in universe) 311-317

111. Type-C-Income

(as per variable 110) 318-324

112. Type-D-Income

(as per variable 110) 325-331

113. Type-E-Income

(as per variable 110) 332-338

114. Dividends and Interest

1964-1975 = +000000
0 = NIU/none (1976+)
else = actual amount [1976+]

115. Rental Income

(as per variable 114) 346-352

116. Public-Assistance Income

(as per variable 114) 353-359

117. Supplemental Security Income

(as per variable 114) 360-366

118. CPI-Index

1977 base
3 implied decimal places
[universe = all persons] 367-370

119. Version Number

Major I.D.

64-88

"V03,"
[1964-67, 1980+ = 00000]

89-92

"NBER"
120. Version Number
Minor I.D. 375-376
64-88
01-xx = actual minor I.D. code
for a given year
[1964-67, 1980+ = 00]
89-92
00

(Variables 121 through 129 are not yet included in 1968-1979)

121. Presence of Own
Children by Age-
Detailed (in families)

<table>
<thead>
<tr>
<th>Age Group</th>
<th>64-67</th>
<th>68-75</th>
</tr>
</thead>
<tbody>
<tr>
<td>none</td>
<td>00</td>
<td></td>
</tr>
<tr>
<td>under 3 only</td>
<td>01</td>
<td></td>
</tr>
<tr>
<td>3-5</td>
<td>02</td>
<td></td>
</tr>
<tr>
<td>under 3 and 3-5 only</td>
<td>03</td>
<td></td>
</tr>
<tr>
<td>6-11 only</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>under 3, 6-11 only</td>
<td>05</td>
<td></td>
</tr>
<tr>
<td>3-5 and 6-11 only</td>
<td>06</td>
<td></td>
</tr>
<tr>
<td>under 3, 3-5 and 6-11 only</td>
<td>07</td>
<td></td>
</tr>
<tr>
<td>12-17 only</td>
<td>08</td>
<td></td>
</tr>
<tr>
<td>under 3 and 12-17 only</td>
<td>09</td>
<td></td>
</tr>
<tr>
<td>3-15 and 12-17 only</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>under 3, 3-5 and 12-17 only</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>6-11 and 12-17 only</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>under 3, 6-11 and 12-17 only</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>3-5, 6-11 and 12-17 only</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>under 3, 3-5, 6-11 and 12-17</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Universe = all</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[1968+ = 0]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age Group</th>
<th>76-88</th>
</tr>
</thead>
<tbody>
<tr>
<td>none &lt;18</td>
<td>0</td>
</tr>
<tr>
<td>all &lt;6</td>
<td>1</td>
</tr>
<tr>
<td>some &lt;6, some 6-17</td>
<td>2</td>
</tr>
<tr>
<td>all 6-17</td>
<td>3</td>
</tr>
</tbody>
</table>

122. Own Children Under 6
(in family)

<table>
<thead>
<tr>
<th>Actual Count</th>
<th>379</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-6</td>
<td></td>
</tr>
<tr>
<td>[in 1980+, 6 = 6+ children]</td>
<td>7</td>
</tr>
<tr>
<td>7 or more</td>
<td></td>
</tr>
<tr>
<td>[universe = all persons]</td>
<td></td>
</tr>
<tr>
<td>[1968-79 = 0]</td>
<td></td>
</tr>
</tbody>
</table>

123. Own Children Under 18
(in family) (as per variable 122) 380

124. Related Children Under
18 Other Than Own
Children (in family) (as per variable 122, except
1968+ = 0) 381

125. Family Members
Under 18 (As per variable 122) 382

126. Family Members
Over 18 Other Than
Head or Wife 383

| None     | 0     |
127. Female Family Members 18+ Other Than Head or Wife

<table>
<thead>
<tr>
<th>Category</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>none</td>
<td>0</td>
</tr>
<tr>
<td>all in labor force</td>
<td>1</td>
</tr>
<tr>
<td>1+ (not all) in labor force</td>
<td>2</td>
</tr>
</tbody>
</table>

[universe = all]
[1968+ = 0]

128. Labor Force Status of Family Members 14+ Other Than Head or Wife

<table>
<thead>
<tr>
<th>Category</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1+ employed</td>
<td>0</td>
</tr>
<tr>
<td>1+ unemployed, none employed</td>
<td>1</td>
</tr>
<tr>
<td>none in labor force</td>
<td>2</td>
</tr>
<tr>
<td>no other members 14+</td>
<td>3</td>
</tr>
</tbody>
</table>

[universe = all]
[1968+ = 0]

129. Household Flag

<table>
<thead>
<tr>
<th>Category</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>household starts with primary family or individual</td>
<td>1</td>
</tr>
<tr>
<td>household starts with a subfamily family</td>
<td>2</td>
</tr>
<tr>
<td>household starts with a secondary family</td>
<td>3</td>
</tr>
<tr>
<td>household starts with a secondary individual</td>
<td>4</td>
</tr>
<tr>
<td>household starts with a person record with a new I.D.</td>
<td>5</td>
</tr>
<tr>
<td>value of family-type in CPS unusable</td>
<td>9</td>
</tr>
</tbody>
</table>

[1962, 1968+ = 0]

1 For Family in Household (columns 7-9) there are no more than one subfamily counted per household. This was necessitated by the fact that there was no way to distinguish between persons in the first subfamily and those in subsequent ones.

2 Variables 5-9 are combined in 1977 through 1979 (originally) to form a variable called Household Identification Number.

3 All income variables have a leading + or - to indicate whether they are positive or are losses. Poverty Cutoff Dollars does not.
## APPENDIX A

### Industry Codes

- for 1983 -

<table>
<thead>
<tr>
<th>Industry</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>01</td>
</tr>
<tr>
<td>Forestry and Fisheries</td>
<td>02</td>
</tr>
<tr>
<td>Mining</td>
<td>03</td>
</tr>
<tr>
<td>Construction</td>
<td>04</td>
</tr>
<tr>
<td>Lumber</td>
<td>05</td>
</tr>
<tr>
<td>Furniture</td>
<td>06</td>
</tr>
<tr>
<td>Stone</td>
<td>07</td>
</tr>
<tr>
<td>Primary Metals</td>
<td>08</td>
</tr>
<tr>
<td>Fabricated Metals</td>
<td>09</td>
</tr>
<tr>
<td>Machinery except Electrical</td>
<td>10</td>
</tr>
<tr>
<td>Electrical Machinery</td>
<td>11</td>
</tr>
<tr>
<td>Automobiles</td>
<td>12</td>
</tr>
<tr>
<td>Transportation (Other)</td>
<td>13</td>
</tr>
<tr>
<td>Instruments</td>
<td>14</td>
</tr>
<tr>
<td>Miscellaneous Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>Food and Kindred Establishments</td>
<td>16</td>
</tr>
<tr>
<td>Textile Mills</td>
<td>17</td>
</tr>
<tr>
<td>Apparel</td>
<td>18</td>
</tr>
<tr>
<td>Printing and Publishing</td>
<td>19</td>
</tr>
<tr>
<td>Chemical</td>
<td>20</td>
</tr>
<tr>
<td>Other Nondurables</td>
<td>21</td>
</tr>
<tr>
<td>Railroad and Railway Express</td>
<td>22</td>
</tr>
<tr>
<td>Other Transportation</td>
<td>23</td>
</tr>
<tr>
<td>Telecommunications</td>
<td>24</td>
</tr>
<tr>
<td>Public Utilities</td>
<td>25</td>
</tr>
<tr>
<td>Wholesale Trade</td>
<td>26</td>
</tr>
<tr>
<td>Eating and Drinking Establishments</td>
<td>27</td>
</tr>
<tr>
<td>Other Retail Establishments</td>
<td>28</td>
</tr>
<tr>
<td>Banking</td>
<td>29</td>
</tr>
<tr>
<td>Insurance and Real Estate</td>
<td>30</td>
</tr>
<tr>
<td>Business Services</td>
<td>31</td>
</tr>
<tr>
<td>Repair Services</td>
<td>32</td>
</tr>
<tr>
<td>Private Households</td>
<td>33</td>
</tr>
<tr>
<td>Personal Services except Private Households</td>
<td>34</td>
</tr>
<tr>
<td>Entertainment and Recreation</td>
<td>35</td>
</tr>
<tr>
<td>Medical except Hospitals</td>
<td>36</td>
</tr>
<tr>
<td>Hospitals</td>
<td>37</td>
</tr>
<tr>
<td>Welfare and Religious Services</td>
<td>38</td>
</tr>
<tr>
<td>Educational Services</td>
<td>39</td>
</tr>
<tr>
<td>Other Professional</td>
<td>40</td>
</tr>
<tr>
<td>Postal Service</td>
<td>41</td>
</tr>
<tr>
<td>Federal Government</td>
<td>42</td>
</tr>
<tr>
<td>State Government</td>
<td>43</td>
</tr>
<tr>
<td>Local Government</td>
<td>44</td>
</tr>
<tr>
<td>Not Employed or Experienced Unemployed and Armed Forces</td>
<td>99</td>
</tr>
</tbody>
</table>

- for 1983 on -

<table>
<thead>
<tr>
<th>Industry</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture Service</td>
<td>01</td>
</tr>
<tr>
<td>Other Agriculture</td>
<td>02</td>
</tr>
<tr>
<td>Mining</td>
<td>03</td>
</tr>
<tr>
<td>Construction</td>
<td>04</td>
</tr>
<tr>
<td>Manufacturing (Durable Goods)</td>
<td></td>
</tr>
<tr>
<td>Lumber and wood products, except furniture</td>
<td>05</td>
</tr>
<tr>
<td>Furniture and Fixtures</td>
<td>06</td>
</tr>
<tr>
<td>Stone clay, glass, and concrete products</td>
<td>07</td>
</tr>
<tr>
<td>Primary metals</td>
<td>08</td>
</tr>
<tr>
<td>Fabricated metal</td>
<td>09</td>
</tr>
<tr>
<td>Not specified metal industries</td>
<td>10</td>
</tr>
<tr>
<td>Machinery, except electrical</td>
<td>11</td>
</tr>
<tr>
<td>Electrical machinery, equipment, and supplies</td>
<td>12</td>
</tr>
<tr>
<td>Motor vehicles and equipment</td>
<td>13</td>
</tr>
<tr>
<td>Aircraft and parts</td>
<td>14</td>
</tr>
<tr>
<td>Other transportation equipment</td>
<td>15</td>
</tr>
<tr>
<td>Professional and photographic equipment, and watches</td>
<td>16</td>
</tr>
<tr>
<td>Toys, amusements, and sporting goods</td>
<td>17</td>
</tr>
<tr>
<td>Miscellaneous and not specified manufacturing industries</td>
<td>18</td>
</tr>
<tr>
<td>Manufacturing (Nondurable Goods)</td>
<td></td>
</tr>
<tr>
<td>Food and kindred products</td>
<td>19</td>
</tr>
<tr>
<td>Tobacco manufactures</td>
<td>20</td>
</tr>
<tr>
<td>Textile mill products</td>
<td>21</td>
</tr>
<tr>
<td>Apparel and other finished textile products</td>
<td>22</td>
</tr>
<tr>
<td>Paper and allied products</td>
<td>23</td>
</tr>
<tr>
<td>Printing, publishing, and allied products</td>
<td>24</td>
</tr>
<tr>
<td>Chemicals and allied products</td>
<td>25</td>
</tr>
<tr>
<td>Petroleum and coal products</td>
<td>26</td>
</tr>
<tr>
<td>Rubber and miscellaneous plastics products</td>
<td>27</td>
</tr>
<tr>
<td>Leather and leather products</td>
<td>28</td>
</tr>
<tr>
<td>Transportation</td>
<td>29</td>
</tr>
<tr>
<td>Communications</td>
<td>30</td>
</tr>
<tr>
<td>Utilities and Sanitary Services</td>
<td>31</td>
</tr>
<tr>
<td>Wholesale Trade</td>
<td>32</td>
</tr>
<tr>
<td>Retail Trade</td>
<td>33</td>
</tr>
<tr>
<td>Banking and Other Finance</td>
<td>34</td>
</tr>
<tr>
<td>Insurance and Real Estate</td>
<td>35</td>
</tr>
<tr>
<td>Private Household Services</td>
<td>36</td>
</tr>
<tr>
<td>Business Services</td>
<td>37</td>
</tr>
<tr>
<td>Repair Services</td>
<td>38</td>
</tr>
<tr>
<td>Personal Services, except Private Household</td>
<td>39</td>
</tr>
<tr>
<td>Entertainment and Recreation Services</td>
<td>40</td>
</tr>
<tr>
<td>Hospitals</td>
<td>41</td>
</tr>
<tr>
<td>Health Services, Except Hospitals</td>
<td>42</td>
</tr>
<tr>
<td>Category</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Educational Services</td>
<td>43</td>
</tr>
<tr>
<td>Social Services</td>
<td>44</td>
</tr>
<tr>
<td>Other Professional Services</td>
<td>45</td>
</tr>
<tr>
<td>Forestry and Fisheries</td>
<td>46</td>
</tr>
<tr>
<td>Justice, Public Order and Safety</td>
<td>47</td>
</tr>
<tr>
<td>Administration of Human Resource Programs</td>
<td>48</td>
</tr>
<tr>
<td>National Security and Internal Affairs</td>
<td>49</td>
</tr>
<tr>
<td>Other Public Administration</td>
<td>50</td>
</tr>
<tr>
<td>Armed Forces</td>
<td>51</td>
</tr>
</tbody>
</table>
### APPENDIX A-1

**Industry Codes**

**1970-1982**

<table>
<thead>
<tr>
<th>Industry Category</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRICULTURE, FORESTRY, AND FISHERIES</td>
<td></td>
</tr>
<tr>
<td>Agricultural production (01)</td>
<td>017</td>
</tr>
<tr>
<td>Agricultural services, except horticultural (07 except 0713 and 073)</td>
<td>018</td>
</tr>
<tr>
<td>Horticultural services (073)</td>
<td>019</td>
</tr>
<tr>
<td>Forestry (08)</td>
<td>027</td>
</tr>
<tr>
<td>Fisheries (09)</td>
<td>028</td>
</tr>
<tr>
<td>Agriculture, forestry, and fisheries--allocated</td>
<td>029</td>
</tr>
<tr>
<td>MINING</td>
<td></td>
</tr>
<tr>
<td>Metal mining (10)</td>
<td>047</td>
</tr>
<tr>
<td>Coal mining (11, 12)</td>
<td>048</td>
</tr>
<tr>
<td>Crude petroleum and natural gas extractions (13)</td>
<td>049</td>
</tr>
<tr>
<td>Nonmetallic mining and quarrying, except fuel (14)</td>
<td>057</td>
</tr>
<tr>
<td>Mining--allocated</td>
<td>058</td>
</tr>
<tr>
<td>CONSTRUCTION</td>
<td></td>
</tr>
<tr>
<td>General building contractors (15)</td>
<td>067</td>
</tr>
<tr>
<td>General contractors, except building (16)</td>
<td>068</td>
</tr>
<tr>
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<tr>
<td>Motor vehicles and equipment (501)</td>
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* Found in experienced civilian labor force universe only.
** Used for Industry 5-years ago item only.
### APPENDIX A-2

#### Industry Codes

##### K.4 Coding for 1983-1991

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<th>Census Code</th>
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</tr>
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</tr>
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<tr>
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<tr>
<td><strong>Agricultural services, except horticultural [07, except 078] [83-91]</strong></td>
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<tr>
<td>Horticultural services (078) [83-91]</td>
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<tr>
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<tr>
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<td>22-29</td>
</tr>
<tr>
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<td>30</td>
</tr>
<tr>
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<td>30</td>
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<tr>
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<tr>
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<td>31</td>
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<tr>
<td>Fishing, hunting, and trapping [92+]</td>
<td>32</td>
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<tr>
<td>not used [83-91]</td>
<td>32-39</td>
</tr>
<tr>
<td>not used [92+]</td>
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<td>Dairy products (202)</td>
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<tr>
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<td>Textile mill products</td>
<td>132-150</td>
</tr>
<tr>
<td>Knitting mills (225)</td>
<td>132</td>
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<tr>
<td>not used</td>
<td>133-139</td>
</tr>
<tr>
<td>Dyeing &amp; finishing textiles, except wool &amp; knit goods (226)</td>
<td>140</td>
</tr>
<tr>
<td>Floor coverings, except hard surface (227) [83-91]</td>
<td>141</td>
</tr>
<tr>
<td>Carpets and rugs</td>
<td>141</td>
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<tr>
<td>Yarn, thread, and fabric mills (228, 221-224)</td>
<td>142</td>
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<tr>
<td>not used</td>
<td>143-149</td>
</tr>
<tr>
<td>Miscellaneous textile mill products (229)</td>
<td>150</td>
</tr>
<tr>
<td>Apparel and other finished textile products</td>
<td>151-152</td>
</tr>
<tr>
<td>Apparel and accessories, except knit (231-238)</td>
<td>151</td>
</tr>
<tr>
<td>Miscellaneous fabricated textile products (239)</td>
<td>152</td>
</tr>
<tr>
<td>not used</td>
<td>153-159</td>
</tr>
<tr>
<td>Paper and allied products</td>
<td>160-162</td>
</tr>
<tr>
<td>Pulp, paper, and paperboard mills (261-263, 266)</td>
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<tr>
<td>Miscellaneous paper and pulp products (264)</td>
<td>161</td>
</tr>
<tr>
<td>Paperboard containers and boxes (265)</td>
<td>162</td>
</tr>
<tr>
<td>not used</td>
<td>163-170</td>
</tr>
<tr>
<td>Printing, publishing, and allied industries</td>
<td>171-172</td>
</tr>
<tr>
<td>Newspaper publishing and printing (271)</td>
<td>171</td>
</tr>
<tr>
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<td>172</td>
</tr>
<tr>
<td>not used</td>
<td>173-179</td>
</tr>
<tr>
<td>Chemicals and allied products</td>
<td>180-192</td>
</tr>
<tr>
<td>Plastics, synthetics, and resins (282)</td>
<td>180</td>
</tr>
<tr>
<td>Drugs (283)</td>
<td>181</td>
</tr>
<tr>
<td>Soaps and cosmetics (284)</td>
<td>182</td>
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<tr>
<td>not used</td>
<td>183-189</td>
</tr>
<tr>
<td>Paints, varnishes, and related products (285)</td>
<td>190</td>
</tr>
<tr>
<td>Agricultural chemicals (287)</td>
<td>191</td>
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<tr>
<td>Industrial and miscellaneous chemicals (281, 286, 289)</td>
<td>192</td>
</tr>
<tr>
<td>not used</td>
<td>193-199</td>
</tr>
<tr>
<td>Petroleum and coal products</td>
<td>200-201</td>
</tr>
<tr>
<td>Petroleum refining (291)</td>
<td>200</td>
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</tbody>
</table>
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3351, 3356, 3337, 3362, 3369, 339) 280
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hardware (342) [83-91] 281
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not used 302-309
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not used 323-330
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Not specified machinery 332
not used 333-339
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equipment (365, 366) 341
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not used 343-349
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equipment, & supplies 350
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not used 353-359
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not used 363-369
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and watches 371-382
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not used 373-379
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not used 383-389
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(39 except 394) 391
Not specified manufacturing industries* 392
not used 393-399
## TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

<table>
<thead>
<tr>
<th>Service</th>
<th>Code</th>
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<tbody>
<tr>
<td>Transportation</td>
<td>400-472</td>
</tr>
<tr>
<td>Railroads (40)</td>
<td>400</td>
</tr>
<tr>
<td>Bus service and urban transit (41 except 412)</td>
<td>401</td>
</tr>
<tr>
<td>Taxicab service (412)</td>
<td>402</td>
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<tr>
<td>not used</td>
<td>403-409</td>
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<tr>
<td>Trucking service (421, 423)</td>
<td>410</td>
</tr>
<tr>
<td>Warehousing and storage (422)</td>
<td>411</td>
</tr>
<tr>
<td>U.S. Postal Service (43)</td>
<td>412</td>
</tr>
<tr>
<td>not used</td>
<td>413-419</td>
</tr>
<tr>
<td>Water transportation (44)</td>
<td>420</td>
</tr>
<tr>
<td>Air transportation (45)</td>
<td>421</td>
</tr>
<tr>
<td>Pipe lines, except natural gas (46)</td>
<td>422</td>
</tr>
<tr>
<td>not used</td>
<td>423-431</td>
</tr>
<tr>
<td>Services incidental to transportation (47)</td>
<td>432</td>
</tr>
<tr>
<td>not used</td>
<td>433-439</td>
</tr>
<tr>
<td>Communications</td>
<td>440-442</td>
</tr>
<tr>
<td>Radio and television broadcasting (483) [83-91]</td>
<td>440</td>
</tr>
<tr>
<td>Radio and television broadcasting and cable [92+]</td>
<td>440</td>
</tr>
<tr>
<td>Telephone, wire and radio (481) [83-91]</td>
<td>441</td>
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<tr>
<td>Telephone communications</td>
<td>441</td>
</tr>
<tr>
<td>Telegraph and miscellaneous communication services (482, 489)</td>
<td>442</td>
</tr>
<tr>
<td>not used [83-91]</td>
<td>443-459</td>
</tr>
<tr>
<td>not used [92+]</td>
<td>443-449, 453-459</td>
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</table>

## Utilities and sanitary services

<table>
<thead>
<tr>
<th>Service</th>
<th>Code</th>
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<tbody>
<tr>
<td>Electric light and power [92+]</td>
<td>450</td>
</tr>
<tr>
<td>Gas and steam supply systems [92+]</td>
<td>451</td>
</tr>
<tr>
<td>Electric and gas, and other combinations [92+]</td>
<td>452</td>
</tr>
<tr>
<td>Electric light and power (491) [83-91]</td>
<td>460</td>
</tr>
<tr>
<td>Gas and steam supply systems (492, 496) [83-91]</td>
<td>461</td>
</tr>
<tr>
<td>Electric and gas, and other combinations (493) [83-91]</td>
<td>462</td>
</tr>
<tr>
<td>not used</td>
<td>463-469</td>
</tr>
<tr>
<td>Water supply and irrigation (494, 497)</td>
<td>470</td>
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<tr>
<td>Sanitary services (495)</td>
<td>471</td>
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<tr>
<td>Not specified utilities</td>
<td>472</td>
</tr>
<tr>
<td>not used</td>
<td>473-499</td>
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## WHOLESALE TRADE

<table>
<thead>
<tr>
<th>Product</th>
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<tbody>
<tr>
<td>Durable Goods</td>
<td>500-571</td>
</tr>
<tr>
<td>Motor vehicles and equipment (501)</td>
<td>500</td>
</tr>
<tr>
<td>Furniture and home furnishings (502)</td>
<td>501</td>
</tr>
<tr>
<td>Lumber and construction materials (503)</td>
<td>502</td>
</tr>
<tr>
<td>not used</td>
<td>503-509</td>
</tr>
<tr>
<td>Sporting goods, toys, and hobby goods (504) [83-91]</td>
<td>510</td>
</tr>
<tr>
<td>Professional and commercial equipment and supplies [92+]</td>
<td>510</td>
</tr>
<tr>
<td>Metals and minerals, except petroleum (505)</td>
<td>511</td>
</tr>
<tr>
<td>Electrical goods (506)</td>
<td>512</td>
</tr>
<tr>
<td>not used</td>
<td>513-520</td>
</tr>
<tr>
<td>Hardware, plumbing and heating supplies (507)</td>
<td>521</td>
</tr>
<tr>
<td>Not specified electrical and hardware products [83-91]</td>
<td>522</td>
</tr>
<tr>
<td>not used</td>
<td>523-529</td>
</tr>
<tr>
<td>Machinery, equipment, and supplies (508)</td>
<td>530</td>
</tr>
<tr>
<td>Scrap and waste materials (5093)</td>
<td>531</td>
</tr>
<tr>
<td>Miscellaneous wholesale, durable goods (5094, 5099)</td>
<td>532</td>
</tr>
<tr>
<td>not used</td>
<td>533-539</td>
</tr>
<tr>
<td>Nondurable Goods</td>
<td>540-571</td>
</tr>
<tr>
<td>Paper and paper products (511)</td>
<td>540</td>
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<tr>
<td>Drugs, chemicals, and allied products (512, 516)</td>
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<tr>
<td>Apparel, fabrics, and notions (513)</td>
<td>542</td>
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<tr>
<td>not used</td>
<td>543-549</td>
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<tr>
<td>Groceries and related products (514)</td>
<td>550</td>
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<tr>
<td>Farm products - raw materials (515)</td>
<td>551</td>
</tr>
<tr>
<td>Petroleum products (517)</td>
<td>552</td>
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<tr>
<td>not used</td>
<td>553-559</td>
</tr>
<tr>
<td>Alcoholic beverages (518)</td>
<td>560</td>
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<tr>
<td>Farm supplies (5191)</td>
<td>561</td>
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<tr>
<td>Miscellaneous wholesale, nondurable goods (5194, 5198, 5199)</td>
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</tr>
<tr>
<td>not used</td>
<td>563-570</td>
</tr>
<tr>
<td>Not specified wholesale trade</td>
<td>571</td>
</tr>
<tr>
<td>not used</td>
<td>572-579</td>
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## RETAIL TRADE

<table>
<thead>
<tr>
<th>Product</th>
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<tbody>
<tr>
<td>Lumber and building material retailing (521, 523)</td>
<td>580-691</td>
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<tr>
<td>Hardware stores (525)</td>
<td>581</td>
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<tr>
<td>Retail nurseries and garden stores (526)</td>
<td>582</td>
</tr>
<tr>
<td>not used</td>
<td>583-589</td>
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<tr>
<td>Mobile home dealers (527)</td>
<td>590</td>
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<tr>
<td>Department stores (531)</td>
<td>591</td>
</tr>
<tr>
<td>Variety stores (533)</td>
<td>592</td>
</tr>
<tr>
<td>not used</td>
<td>593-599</td>
</tr>
<tr>
<td>Miscellaneous general merchandise stores (539)</td>
<td>600</td>
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<tr>
<td>Grocery stores (541)</td>
<td>601</td>
</tr>
<tr>
<td>Dairy products stores (545)</td>
<td>602</td>
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<tr>
<td>not used</td>
<td>603-609</td>
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<tr>
<td>Retail bakeries (546)</td>
<td>610</td>
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<tr>
<td>Food stores, n.e.c. (542, 543, 544, 549)</td>
<td>611</td>
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<tr>
<td>Motor vehicle dealers (551, 552)</td>
<td>612</td>
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<tr>
<td>not used</td>
<td>613-619</td>
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<tr>
<td>Auto and home supply stores (553)</td>
<td>620</td>
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<tr>
<td>Gasoline service stations (554)</td>
<td>621</td>
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<tr>
<td>Miscellaneous vehicle dealers (555, 556, 557, 559)</td>
<td>622</td>
</tr>
<tr>
<td>not used [83-91]</td>
<td>623-629</td>
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<tr>
<td>not used [92+]</td>
<td>624-629</td>
</tr>
<tr>
<td>Apparel and accessory stores, except shoe [92+]</td>
<td>630</td>
</tr>
<tr>
<td>Apparel and accessory stores, except shoe (56, except 566) [83-91]</td>
<td>630</td>
</tr>
<tr>
<td>Shoe stores [92+]</td>
<td>630</td>
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<tr>
<td>Shoe stores (566) [83-91]</td>
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</tr>
<tr>
<td>Furniture and home furnishings stores [92+]</td>
<td>631</td>
</tr>
</tbody>
</table>
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not used 923-929
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Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces. 991
Assigned to persons whose labor force status is unemployed and who last worked in 1974 or earlier. 992
not used 993+

* When shown separately, "Not specified manufacturing" is at the same level as "Nondurable goods" and "Durable goods." When not shown, it is tallied with "Durable goods".
## APPENDIX B
### Occupation Codes

- **to 1983 -**

<table>
<thead>
<tr>
<th>Category</th>
<th>Code</th>
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<tbody>
<tr>
<td>Engineers, Technical</td>
<td>01</td>
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<tr>
<td>Medical and Other Health Workers:</td>
<td></td>
</tr>
<tr>
<td>Salaried</td>
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APPENDIX B-1
Occupation Codes
1970-1982

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<tr>
<td>Athletes and kindred workers</td>
<td>180</td>
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<tr>
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<td>Designers</td>
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<td>Editors and reporters</td>
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<tr>
<td>Musicians and composers</td>
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<td>Photographers</td>
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<tr>
<td>Public relations men and publicity writers</td>
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<tr>
<td>Radio and television announcers</td>
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<td>Writers, artists, and entertainers, n.e.c.</td>
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**MANAGERS AND ADMINISTRATORS, EXCEPT FARM**

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<td>Health administrators</td>
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<td>Construction inspectors, public administration</td>
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<tr>
<td>Postmasters and mail superintendents</td>
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<tr>
<td>Purchasing agents and buyers, n.e.c.</td>
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<td>Restaurant, cafeteria, and bar managers</td>
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<td>Sales managers, except retail trade</td>
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**SALES WORKERS**

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<td>Demonstrators</td>
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<td>Insurance agents, brokers, and underwriters</td>
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<td>270</td>
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<td>Stock and bond salesmen</td>
<td>271</td>
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<td>Salesmen and sales clerks, n.e.c.</td>
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<td>Sales representatives, manufacturing industries</td>
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<td>Sales representatives, wholesale trade</td>
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<td>Sales clerks, retail trade</td>
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<td>285</td>
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<td>296</td>
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| Billing clerks | 303 |
| Bookkeepers | 305 |
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| Electricians | 430 |
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<td>Data processing machine repairmen</td>
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<td>Household appliance and accessory installers and mechanics</td>
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<td>Railroad and car shop</td>
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<td>Mechanic, exc. auto., apprentices</td>
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<td>Miscellaneous mechanics and repairmen</td>
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<td>Piano and organ tuners and repairmen</td>
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<td>Plasterers</td>
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<tr>
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<td>Plumbers and pipe fitters</td>
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<td>Bottling and canning operatives</td>
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<tr>
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<td>Dressmakers and seamstresses, except factory</td>
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<td>Dyers</td>
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<td>Fillers, polishers, sanders, and buffers</td>
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<tr>
<td>Furnace men, smeltermen, and pourers</td>
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<td>Garage workers and gas station attendants</td>
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<td>Graders and sorters, manufacturing</td>
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<td>Produce graders and packers, except factory and farm</td>
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<td>Meat wrappers, retail trade</td>
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<td>Milliners</td>
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<td>Oiler and greasers, exc. auto</td>
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<td>Packers and wrappers, except meat and produce</td>
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<td>Drill press operatives</td>
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<td>Grinding machine operatives</td>
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<td>Lathe and milling machine operatives</td>
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<td>Precision machine operatives, n.e.c.</td>
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<td>Punch and stamping press operatives</td>
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<td>Riveters and fasteners</td>
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<td>Sailors and deckhands</td>
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<td>Sawyers</td>
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<td>Sewers and stitchers</td>
<td>643</td>
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<tr>
<td>Shoemaking machine operatives</td>
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<td>Solderers</td>
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<td>Stationary firemen</td>
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<tr>
<td>Knitters, loopers, andppers</td>
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<td>Spinners, twisters, and winders</td>
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<td>Textile operatives, n.e.c.</td>
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<td>Machine operatives, miscellaneous specified</td>
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<td>Machine operatives, not specified</td>
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<td>Miscellaneous operatives</td>
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<tr>
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**TRANSPORT EQUIPMENT OPERATIVES**

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<td>Boatmen and canalmen</td>
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<tr>
<td>Busdrivers</td>
<td>702</td>
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<tr>
<td>Conductors and motormen, urban rail transit</td>
<td>704</td>
</tr>
<tr>
<td>Deliverymen and routemen</td>
<td>705</td>
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<tr>
<td>Fork lift and tow motor operatives</td>
<td>706</td>
</tr>
<tr>
<td>Motormen, mine, factory, logging camp, etc.</td>
<td>710</td>
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<tr>
<td>Parking attendants</td>
<td>711</td>
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<tr>
<td>Railroad brakemen</td>
<td>712</td>
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<tr>
<td>Railroad switchmen</td>
<td>713</td>
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<tr>
<td>Taxicab drivers and chauffeurs</td>
<td>714</td>
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<tr>
<td>Truck drivers</td>
<td>715</td>
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<tr>
<td>Transport equipment operatives--allocated</td>
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</table>

**LABORERS, EXCEPT FARM**

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<th>Occupation</th>
<th>Code</th>
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<tbody>
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<td>Animal caretakers, exc. farm</td>
<td>740</td>
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<tr>
<td>Carpenters' helpers</td>
<td>750</td>
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<tr>
<td>Construction laborers, exc. carpeners' helpers</td>
<td>751</td>
</tr>
<tr>
<td>Fishermen and oystermen</td>
<td>752</td>
</tr>
<tr>
<td>Freight and material handlers</td>
<td>753</td>
</tr>
<tr>
<td>Garbage collectors</td>
<td>754</td>
</tr>
<tr>
<td>Gardeners and groundskeepers, exc. farm</td>
<td>755</td>
</tr>
<tr>
<td>Longshoremen and stevedores</td>
<td>760</td>
</tr>
<tr>
<td>Lumbermen, raftsmen, and woodchoppers</td>
<td>761</td>
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<tr>
<td>Stockhandlers</td>
<td>762</td>
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<tr>
<td>Teamsters</td>
<td>763</td>
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<tr>
<td>Vehicle washers and equipment cleaners</td>
<td>764</td>
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<tr>
<td>Warehousemen, n.e.c.</td>
<td>770</td>
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<tr>
<td>Miscellaneous laborers</td>
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</tr>
<tr>
<td>Not specified laborers</td>
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<tr>
<td>Laborers, except farm--allocated</td>
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</table>

**FARMERS AND FARM MANAGERS**

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Code</th>
</tr>
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<tbody>
<tr>
<td>Farmers (owners and tenants)</td>
<td>801</td>
</tr>
<tr>
<td>Farm managers</td>
<td>802</td>
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<td>Farmers and farm managers--allocated</td>
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**FARM LABORERS AND FARM FOREMEN**

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<th>Occupation</th>
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<tr>
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<td>Farm laborers, unpaid family workers</td>
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<td>Farm service laborers, self-employed</td>
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<td>Farm laborers and farm foremen--allocated</td>
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**SERVICE WORKERS, EXC. PRIVATE HOUSEHOLD**

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<td>Cleaning service workers</td>
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<tr>
<td>Chambermaids and maids, except</td>
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<tr>
<td>private household</td>
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<tr>
<td>Cleaners and charwomen</td>
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<tr>
<td>Janitors and sextons</td>
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<tr>
<td>Food service workers</td>
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<tr>
<td>Bartenders</td>
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<tr>
<td>Busboys</td>
<td>911</td>
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<tr>
<td>Cooks, except private household</td>
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<td>Dishwashers</td>
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<td>Food counter and fountain workers</td>
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<tr>
<td>Waiters</td>
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<tr>
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<tr>
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<td>Health trainees</td>
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<td>Practical nurses</td>
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<td>Personal service workers</td>
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<td>Airline stewardesses</td>
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<td>Attendants, recreation and amusement</td>
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<td>Attendants, personal service, n.e.c.</td>
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<td>Baggage porters and bellhops</td>
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<td>Barbers</td>
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<td>Boarding and lodgeryouse keepers</td>
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<td>Bootblacks</td>
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<td>Child care workers, exc. private household</td>
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<td>Elevator operators</td>
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<td>Hairdressers and cosmetologists</td>
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<td>Personal service apprentices</td>
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<td>Housekeepers, exc. private household</td>
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<td>School monitors</td>
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<td>Ushers, recreation and amusement</td>
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<td>Welfare service aides</td>
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<td>Protective service workers</td>
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<tr>
<td>Crossing guards and bridge tenders</td>
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<td>Firemen, fire protection</td>
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<tr>
<td>Guards and watchmen</td>
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<td>Marshals and constables</td>
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<td>Policemen and detectives</td>
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<tr>
<td>Sheriffs and bailiffs</td>
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<tr>
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**Utilities Work**

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<td>Utility workers, n.e.c.</td>
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<td>Miscellaneous laborers</td>
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<tr>
<td>Not specified laborers</td>
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</tr>
<tr>
<td>Laborers, except farm--allocated</td>
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</table>
PRIVATE HOUSEHOLD WORKERS
Child care workers, private household 980
Cooks, private household 981
Housekeepers, private household 982
Laundresses, private household 983
Maids and servants, private household 984
Private household workers--allocated 986

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Unemployed persons, last worked 991
1959 or earlier * 991
Occupation not reported ** 995

* Found in experienced civilian labor force universe only.
** Used for Occupation 5-years ago item only.
### Appendix B-2
#### Occupation Codes

**N.5 Coding for 1983-1992**

1980 Census of Population - Occupation Classification  
(Numbers in parentheses are the 1980 SOC code equivalent;  
"Pt" means part;  
"n.e.c." means not elsewhere classified.)

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<thead>
<tr>
<th>Census Code</th>
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<td>0-2</td>
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**Managerial and Professional Specialty Occupations**

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<th>Occupation</th>
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<tr>
<td>Executive, Administrative, and Managerial Occupations</td>
<td>3-37</td>
</tr>
<tr>
<td>Legislators (111)</td>
<td>3</td>
</tr>
<tr>
<td>Chief executives &amp; general administrators, public administration (112)</td>
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<tr>
<td>Administrators and officials, public administration (1132-1139)</td>
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<td>Administrators, protective services (1131)</td>
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<td>Financial managers (122)</td>
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<tr>
<td>Personnel and labor relations managers (123)</td>
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<tr>
<td>Purchasing managers (124)</td>
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<tr>
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<td>10-12</td>
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<tr>
<td>Managers, marketing, advertising; and public relations (125)</td>
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<tr>
<td>Administrators, education and related fields (128)</td>
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<tr>
<td>Managers, medicine and health (131)</td>
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<tr>
<td>Managers, properties and real estate (1353) [83-92]</td>
<td>16</td>
</tr>
<tr>
<td>Postmasters and mail superintendents [92+]</td>
<td>16</td>
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<tr>
<td>Postmasters and mail superintendents (1344) [83-92]</td>
<td>17</td>
</tr>
<tr>
<td>Managers, food serving and lodging establishments [92+]</td>
<td>17</td>
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<tr>
<td>Funeral directors (pt 1359) [83-92]</td>
<td>18</td>
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<tr>
<td>Managers, properties and real estate [92+]</td>
<td>18</td>
</tr>
<tr>
<td>Managers and administrators, n.e.c. (121, 126, 127, 132-139, exc. 1344, 1353, pt 1359) [83-92]</td>
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<tr>
<td>Funeral Directors [92+]</td>
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<tr>
<td>Managers, service organizations, n.e.c. [92+]</td>
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<tr>
<td>Managers and administrators, n.e.c. [92+]</td>
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<td>not used [83-92]</td>
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<td>Management Related Occupations</td>
<td>23-37</td>
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<td>Accountants and auditors (1412)</td>
<td>23</td>
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<td>Underwriters (1414)</td>
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<tr>
<td>Other financial officers (1415, 1419)</td>
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<td>Management analysts (142)</td>
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<tr>
<td>Personnel, training, and labor relations specialists (143)</td>
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<tr>
<td>Purchasing agents and buyers, farm products (1443)</td>
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<tr>
<td>Buyers, wholesale and retail trade except farm products (1442)</td>
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<tr>
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<td>30-32</td>
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<td>Purchasing agents and buyers, n.e.c. (1449)</td>
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<td>Business and promotion agents (145)</td>
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<tr>
<td>Construction inspectors (1472)</td>
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<tr>
<td>Inspectors and compliance officers, exc. construction (1473)</td>
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<td>Management related occupations, n.e.c. (149)</td>
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**Professional Specialty Occupations**

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<tr>
<th>Occupation</th>
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<td>Engineers, Architects, and Surveyors</td>
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<td>Architects (161)</td>
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<tr>
<td>Engineers</td>
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<tr>
<td>Aerospace (1622)</td>
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<td>Civil (1628)</td>
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<td>Agricultural (1632)</td>
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<td>Electrical and electronic (1633, 1636)</td>
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<td>Industrial (1634)</td>
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<td>Mechanical (1635)</td>
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<td>Marine and naval architects (1637)</td>
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<tr>
<td>Surveyors and mapping scientists (164)</td>
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<tr>
<td>Mathematical and Computer Scientists</td>
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<td>Computer systems analysts and scientists (171)</td>
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<td>Operations and systems researchers and analysts (172)</td>
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<td>Actuaries (1732)</td>
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<td>Statisticians (1733)</td>
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<td>Chemists, except biochemists (1845)</td>
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<td>Atmospheric and space scientists (1846)</td>
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<td>Geologists and geodesists (1847)</td>
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<td>Podiatrists</td>
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<table>
<thead>
<tr>
<th>Occupation</th>
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<tr>
<td>657</td>
<td>Cabinet makers and bench carpenters (6832)</td>
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<tr>
<td>658</td>
<td>Furniture and wood finishers (6835)</td>
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<tr>
<td>659</td>
<td>Miscellaneous precision woodworkers (6839)</td>
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<tr>
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<td>666-667</td>
<td>Precision Textile, Apparel and Furnishings</td>
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<tr>
<td>666</td>
<td>Machine Workers</td>
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<tr>
<td>666</td>
<td>Dressmakers (pt 6852, pt 7752)</td>
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<td>Tailors (pt 6852)</td>
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<td>Upholsterers (6853)</td>
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<td>669</td>
<td>Shoe repairers (6854)</td>
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<td>670-672</td>
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<td>Apparel and fabric patternmakers (6856)</td>
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<td>Miscellaneous precision apparel &amp; fabric workers (6859, pt 7752)</td>
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<tr>
<td>675-684</td>
<td>Precision Workers, Assorted Materials</td>
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<tr>
<td>675</td>
<td>Hand moulders and shapers, except jewelers (6861)</td>
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<td>Patternmakiens, lay-out workers, and cutters (6862)</td>
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<td>Optical goods workers (6864, pt 7477, pt 7677)</td>
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<td>Dental laboratory and medical appliance technicians (6865)</td>
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<td>Bookbinders (6844)</td>
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<td>683</td>
<td>Electrical and electronic equipment assemblers (6867)</td>
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<td>Miscellaneous precision workers, n.e.c. (6869)</td>
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<tr>
<td>686-688</td>
<td>Precision Food Production Occupations</td>
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<tr>
<td>686</td>
<td>Butchers and meat cutters (6871)</td>
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<td>Bakers (6872)</td>
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<td>688</td>
<td>Food butchers (6873, 6879)</td>
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<td>689-693</td>
<td>Precision Inspectors, Testers, and Related Workers</td>
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<td>Inspectors, testers, and graders (6881, 828)</td>
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<td>693</td>
<td>Adjusters and calibrators (6882)</td>
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<td>694-699</td>
<td>Plant and System Operators</td>
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<td>694</td>
<td>Water and sewage treatment plant operators (691)</td>
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<td>Power plant operators (pt 693)</td>
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<td>696</td>
<td>Stationary engineers (pt 693, 7668)</td>
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<td>Miscellaneous plant and system operators (692, 694, 695, 696)</td>
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<td>703-799</td>
<td>OPERATORS, FABRICATORS, AND LABORERS</td>
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<tr>
<td>703-889</td>
<td>Machine Operators, Assemblers, and Inspectors</td>
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Machine operators and Tenders, except Precision 703-779
Metalworking and Plastic Working Machine 703-715
Operators
Lathe and turning machine set-up 703-715
operators (7312) 703
Lathe and turning machine operators (7512) 704
Milling and planing machine 705
operators (7313, 7513) 705
Punching and stamping press machine operators 706
(7314, 7317, 7514, 7517) 706
Rolling machine operators (7316, 7516) 707
Drilling and boring machine 708
operators (7313, 7518) 708
Grinding, abrading, buffing, & polishing 709
machine operators (7322, 7324, 7522) 709
not used 710-712
Forging machine operators (7319, 7519) 713
Numerical control machine operators (7326) 714
Miscellaneous metal, plastic, stone, & glass 715
working machine operators (7329, 7529) 715
not used 716
Fabricating machine operators, n.e.c. (7339, 7539) 717
not used 718
Metal and Plastic Processing Machine Operators 719-725
Molding and casting machine operators 719
(7315, 7342, 7515, 7542) 719
not used 720-722
Metal plating machine operators (7343, 7543) 723
Heat treating equipment operators (7344, 7544) 724
Miscellaneous metal & plastic processing 725
machine operators (7349, 7549) 725
Woodworking Machine Operators 726-733
Wood lathe, routing, & planing machine 726
operators (7431, 7432, 7631, 7632) 726
Sawing machine operators (7433, 7633) 727
Shaping and joining machine operators 728
(7435, 7635) 728
Nail and tacking machine operators (7636) 729
not used 730-732
Miscellaneous woodworking machine operators 733
(7434, 7439, 7634, 7639) 733
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Printing machine operators (7443, 7643) [83-92] 734
Printing press operators [92+] 734
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Typesetters and compositors (6841,7642) 736
Miscellaneous printing machine operators 737
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Winding and twisting machine 738
operators (7451, 7651) 738
Knitting, looping, taping, & weaving 739
machine operators (7452, 7652) 739
not used
Textile cutting machine operators (7654) 7654
Textile sewing machine operators (7655) 7655
Shoe machine operators (7656) 7656
not used
Pressing machine operators (7657) 7657
Laundering and dry cleaning machine
operators (6855, 7658) 7658
Miscellaneous textile machine
operators (7459, 7659) 7659
not used
Machine Operators
Cementing and gluing machine operators (7661) 7661
Packaging and filling operators (7462, 7662) 7662
Extruding and forming machine
operators (7463, 7663) 7663
Mixing and blending machine operators (7664) 7664
Separating, filtering, and clarifying machine
operators (7476, 7666, 7676) 7666
Compressing and compaeting machine
operators (7467, 7667) 7667
Painting and paint spraying machine
operators (7669) 7669
not used
Roasting and baking machine operators,
food (7472, 7672) 7672
Washing, cleaning, and pickling machine
operators (7673) 7673
Folding machine operators (7474, 7674) 7674
Furnace, kiln, and oven operators,
excl. food (7675) 7675
not used
Crushing and grinding machine
operators (pt 7477, pt 7677) 7677
Slicing and cutting machine
operators (7478, 7678) 7678
not used
Motion picture projectionists (pt 7479) 7479
Photographic process machine
operators (6863, 6868, 7671) 7671
not used
Miscellaneous machine operators,
excl. (pt 7479, 7665, 7679) 7679
not used
Machine operators, not specified
not used
Fabricators, Assemblers, and Hand Working
Occupations
Welders and cutters (7332, 7532, 7714) 7714
Solderers and brazers (7333, 7533, 7717) 7717
Assemblers (772, 774) 774
Hand cutting and trimming occupations (7753) 7753
Hand molding, casting, and forming
occupations (7754, 7755) 7755
not used
Hand painters, coating, and decorating
occupations (7756) 7756
not used
Hand engraving and printing occupations (7757) 7757
Hand engraving and polishing
occupations (7758) [83-92] 7758
Miscellaneous hand working occupations (7759) 7759
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and Weighers
Production inspectors, checkers, and
examiners (782, 787) 782
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Graders, and sorters, excl. agricultural (785) 785
not used
Transportation and Material Moving Occupations
Motor Vehicle Operators
Supervisors, motor vehicle operators (8111) 8111
Truck drivers [92-+] 92
Truck drivers, heavy (8212, 8213) [83-92] 8212
Truck drivers, light (8214) [83-92] 8214
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not used
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not used
Parking lot attendants (874) 874
Motor transportation occupations, n.e.c. (8219) 8219
not used
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Motor Vehicles
Rail Transportation Occupations
Railroad conductors and yardmasters (8113) 8113
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Railroad brake, signal, and switch
operators (8233) 8233
Rail vehicle operators, n.e.c. (8239) 8239
not used
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not used
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not used
Material Moving Equipment Operators
Supervisors, material moving equipment
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Operating engineers (8312) 8312
Longshore equipment operators (8313) 8313
not used
Hoist and winch operators (8314) 8314
Crane and tower operators (8315) 8315
not used
Excavating and loading machine operators (8316) 853
not used 854
Grader, dozer, and scraper operators (8317) 855
Industrial truck and tractor equipment operators (8318) 856
not used 857-858
Miscellaneous material moving equipment operators (8319) 859
not used 860-862
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Supervisors, handlers, equipment cleaners, and laborers [92+] 864
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Helpers, mechanics and repairers [92+] 865
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  Helpers, construction trades (8641-8645, 8648) [83-92] 865
  Helpers, surveyor (8646) [83-92] 866
  Helpers, construction trades [92+] 866
  Helpers, extractive occupations (865) [83-92] 867
  Helpers, surveyor [92+] 867
  Helpers, extractive occupations [92+] 868
not used [83-92] 868
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not used 870-872
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  Stevedores (8723) 876
  Stock handlers and baggers (8724) 877
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not used 879-882
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not used 884
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not used 886
Vehicle washers and equipment cleaners (875) 887
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Laborers, except construction (8769) 889
not used 890-904

Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces 905
not used 906-908

Assigned to persons whose labor force status is
APPENDIX C
DETAIL WEEKS UNEMPLOYED
(for variable 81)

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<td>51-52 weeks</td>
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<td>Over 52 weeks</td>
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APPENDIX D
OCCUPATION OF LONGEST JOB LAST YEAR

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<td>Medical and Other Health Workers</td>
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<tr>
<td>Other Self-employed</td>
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<tr>
<td>Salaried:</td>
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</tr>
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<td>Engineers, Technical</td>
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<tr>
<td>Medical and Other Health Workers</td>
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<tr>
<td>Teachers, Primary and Secondary</td>
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<tr>
<td>Other Salaried Workers</td>
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<tr>
<td>Farmers and Farm Managers</td>
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<td>Managers, Officials and Proprietors except Farm:</td>
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<tr>
<td>Self-employed:</td>
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<tr>
<td>Retail Trade</td>
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<td>Other Self-employed</td>
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<tr>
<td>Salaried</td>
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<td>Clerical and Kindred Workers:</td>
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<td>Secretaries, Stenographers and Typists</td>
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<td>Other Clerical and Kindred Workers</td>
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<tr>
<td>Sales Workers:</td>
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<td>In Retail Trade</td>
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<td>Other Sales Workers</td>
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<td>Craftsmen, Foremen and Kindred Workers:</td>
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<td>Foremen</td>
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<td>Craftsmen:</td>
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<td>Operatives and Kindred Workers:</td>
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<td>In Durable Goods Manufacturing</td>
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<td>In Non-Durable Goods Manufacturing</td>
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<td>Private Household Workers</td>
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<td>Waiters, Cooks and Bartenders</td>
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<td>Other Service Workers</td>
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### APPENDIX E
Actual SMSA Codes

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<tr>
<td>Philadelphia</td>
<td>04</td>
</tr>
<tr>
<td>Detroit</td>
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<td>Pittsburgh</td>
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<td>St. Louis</td>
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<td>Cleveland</td>
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<td>Newark [1968-72 only]</td>
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<tr>
<td>spouse of householder</td>
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<tr>
<td>child, under 18, head of subfamily</td>
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<tr>
<td>child, under 18, not in a subfamily</td>
<td>04</td>
</tr>
<tr>
<td>child, under 18, ever-married, head of subfamily</td>
<td>05</td>
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<tr>
<td>child, under 18, ever-married, wife of subfamily</td>
<td>06</td>
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<tr>
<td>child, under 18, ever-married, spouse of subfamily</td>
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<tr>
<td>child, under 18, ever-married, not in a subfamily</td>
<td>08</td>
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<tr>
<td>18+, never-married, head of subfamily</td>
<td>09</td>
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<tr>
<td>18+, never-married, not in a subfamily</td>
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<tr>
<td>18+, ever-married, head of a subfamily</td>
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<tr>
<td>18+, ever-married, spouse of a subfamily</td>
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<tr>
<td>18+, ever-married, not in a subfamily</td>
<td>13</td>
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<tr>
<td>stepchild, under 18, never-married, head of subfamily</td>
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<tr>
<td>stepchild, under 18, never-married, not in a subfamily</td>
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<tr>
<td>stepchild, under 18, ever-married, head of a subfamily</td>
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<tr>
<td>stepchild, under 18, ever-married, spouse of a subfamily</td>
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<tr>
<td>stepchild, 18+, never-married, head of a subfamily</td>
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<tr>
<td>stepchild, 18+, ever-married, spouse of a subfamily</td>
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<td>stepchild, 18+, ever-married, not in a subfamily</td>
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<tr>
<td>grandchild, under 18, never-married, head of a subfamily</td>
<td>23</td>
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<tr>
<td>grandchild, under 18, never-married, child of a subfamily</td>
<td>24</td>
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<tr>
<td>grandchild, under 18, never-married, not in a subfamily</td>
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<tr>
<td>grandchild, under 18, ever-married, head of a subfamily</td>
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<td>grandchild, under 18, ever-married, spouse of a subfamily</td>
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<td>grandchild, 18+, ever-married, spouse of a subfamily</td>
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<tr>
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<tr>
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<tr>
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<tr>
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<td>Description</td>
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<td>wife of subfamily</td>
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<tr>
<td>spouse of subfamily</td>
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<tr>
<td>other relative, 18+, never-married,</td>
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<td>not in subfamily</td>
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<tr>
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<tr>
<td>not in subfamily</td>
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</tr>
<tr>
<td>in secondary family, head of secondary family</td>
<td>51</td>
</tr>
<tr>
<td>in secondary family, wife of secondary family</td>
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<tr>
<td>in secondary family, spouse of secondary family</td>
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<tr>
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<tr>
<td>secondary family</td>
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<tr>
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