

WEDLINE 1 Inhabitants in *Minneapolis* in the County of *Hennepin* State of *Minnesota*
enumerated in the *1880* Census

PUBLIC USE MICRODATA SAMPLE OF THE 1880
UNITED STATES CENSUS OF POPULATION:
User's Guide and Technical Documentation

Social History Research Laboratory
Working Papers

Department of History
University of Minnesota

PUBLIC USE MICRODATA SAMPLE OF THE 1880
UNITED STATES CENSUS OF POPULATION:
User's Guide and Technical Documentation

by
Steven Ruggles and Russell R. Menard

and
William Block
Todd Gardner
Ron Goeken
Sandra Jahn
Virginia Jelatis
Daniel Kallgren
Diana Magnuson
Matthew Sobek
Jeff Stewart
JoAnn Winkels

(c) 1994
Social History Research Laboratory
Department of History
University of Minnesota

We would appreciate a copy of any research papers using this sample. Correspondence should be directed to:

Steven Ruggles
University of Minnesota
Social History Research Laboratory
Department of History
614 Social Science Tower
267 19th Avenue South
Minneapolis, Minnesota 55455
ruggles@atlas.socsci.umn.edu

TABLE OF CONTENTS

Acknowledgements	2
Introduction	2
1850 PUMS, IPUMS and 1920 PUMS	3
Sampling units	4
Sample design	5
Data entry and quality control	8
Data Format	12
Household Composition and Family Interrelationships	12
Geographic Coding	21
Occupational Coding	24
Birthplace Coding	30
Variables Related to Health	30
Institutions	31
References	33
Enumerator Instructions	34
Variable Descriptions	46
Codebook	56
Variable Guide	56
Data Dictionary	59
Appendix A: ICPSR county codes	125
Appendix B: Enumeration Procedures	152
Appendix C: Detailed Occupational Codes	198
Index	266

ACKNOWLEDGEMENTS

Principal funding for this project is National Institutes of Health grant HD25839-04. The Graduate School of the University of Minnesota has provided additional funds. Data entry was carried out by Justine Denny, Susan Krajac, Jessica Schepers, Dianne Star, and Linda Thompson. Data editing and verification, the construction of data dictionaries, programming, and virtually all other tasks associated with the project were accomplished by seven research assistants: William Block, Todd Gardner, Ron Goeken, Daniel Kallgren, Diana Magnuson, Jeff Stewart, and JoAnn Winkels. The staffs of the Social History Data Archives, the Integrated Public Use Microdata Series project, and the 1850 Public Use Microdata Sample project -- Virginia Jelatis, Matthew Sobek, Sandra Jahn, Matthew Mulcahy, and Lisa Dillon -- have provided additional help. Steven Ruggles and Russell R. Menard are the principal investigators. Miriam King's advice and assistance have been invaluable. We are grateful for the advice and cooperation of the creators of the previous historical public use microdata samples, especially Steven Graham, Halliman Winsborough, and Samuel Preston.

INTRODUCTION

Individual-level public use files have proven to be an indispensable resource for social scientists, since they allow researchers to make tabulations tailored to their specific research questions. Without individual-level data, some of the most basic questions about changing social structure are unanswerable because of the incompatibility of published data for different census years. In addition, public use microdata samples have allowed researchers to move beyond simple tabular analysis and apply increasingly sophisticated multivariate techniques. These data have dramatically increased the power of quantitative social science research.

The Census Bureau has produced public use microdata samples as a byproduct of the decennial enumeration in each census year since 1960 (U.S. Bureau of the Census 1972, 1973, 1982, 1989). In recognition of the value of census microdata files, historical public use microdata samples have been created for the censuses of 1900, 1910, 1940, and 1950 (Graham 1980; U.S. Bureau of the Census 1984a, 1984b; Strong et al. 1989). Although most of these files became available only recently, they have already led to an outpouring of new research on the nature of long-term social change. As each new sample is created, the value of the other census files is enhanced as they become increasingly useful for cohort analysis and studies of social change.

The 1880 Public Use Microdata Sample extends the series backward. The 1880 census is in several critical respects the first "modern" census; it broke new ground in its completeness of coverage, accuracy of enumeration, and range and detail of questions. The supervision of enumerators shifted from a part-time responsibility of regular U.S. marshals to 150 Census Supervisors specifically appointed for the purpose. To make a full, accurate, and speedy enumeration practical, the size of enumeration subdistricts was reduced from a maximum of 30,000 inhabitants in 1870 to a maximum of 2,500 in 1880 while the number of enumerators was increased from 6,530 to 31,382. A variety of new questions were added that greatly enhance the value of the 1880 census compared to earlier years. It was the first federal

census to inquire about marital status, a critical variable for analysis of such topics as fertility and household composition. Equally important, a question on relationship to head of family was added, which makes it possible to distinguish kin from secondary individuals and allows construction of a wide variety of variables on family structure. Other valuable new questions included birthplace of mother and father, condition of health, married within the past year, and number of months unemployed during the census year. A complete list of census questions appears below, at page 34.

Despite the high quality of the 1880 enumeration, the published tabulations from that census are of limited value. Partly as a result of the increased expenditures in the data-collection phase, and the expanded scope of inquiries on economic topics (not included on the population schedule), the census appropriations were exhausted in the first half of 1881, long before the tabulations were complete. Until January of 1882, when Congress reluctantly provided additional funds, the count was carried on by a skeleton staff of volunteer clerks. Another interruption resulted when Francis Walker resigned his position as Superintendent of the Census. When the Census Office was dismantled in early 1885, the work was still incomplete.

In the end, many of the most interesting variables that were collected -- such as marital status, relationship to head of household, unemployment, school attendance, and general morbidity -- were never tabulated at all. Among the variables that were tabulated, there was little attempt at cross-classification other than by race, sex, broad age group, and locality. No data on family characteristics were published beyond the number of families and their average size. These weaknesses of the published data for 1880 enhance the value of the public use microdata sample.

1850 PUMS, IPUMS, and 1920 PUMS

There are three other census projects underway at the Minnesota Social History Research Laboratory. In September 1992, with funds from the National Science Foundation (SES-9210903), we began work on a 1 in 100 sample of the 1850 United States census of the free population. This project will extend the series of census microdata files backward an additional thirty years and make all the subsequent public use microdata samples, especially 1880, more useful for the study of long-term social change in the United States. A preliminary version of the 1850 PUMS is now available and the final version will be released in winter 1995.

In April 1992, again with funds from the National Science Foundation (SES-9118299), we began work on the Integrated Public Use Microdata Series (IPUMS) project to make the existing national census samples for 1850, 1880, 1900, 1910, 1940, 1950, 1960, 1970, 1980, and 1990 more useable and accessible. Because these samples were created at different times by different investigators, they have incompatible documentation and a wide variety of record layouts and coding schemes. These differences among the samples inhibit their use as a time series. We are now converting the existing public use microdata samples into a single coherent form. This involves planning and design of record layouts, coding schemes, and constructed variables that maximize comparability and minimize information loss; software development for reformatting, recoding, constructing new variables, consistency checking, and

allocating missing and inconsistent data; data processing of approximately 65 million records; and preparation of an integrated set of documentation for the entire series of datasets, including a general user's guide, a volume of procedural histories, and a volume on technical characteristics and error estimation. A beta-test version of the IPUMS is now available, and the final version will be complete by the summer of 1995.

In August 1993, with funds from the National Institute of Health, grant HD29015-01A1, we began work on a 1 in 100 sample of the 1920 United States census of the population. A new public use microdata sample for the 1920 census will bridge the existing gap between the 1910 and the 1940 Public Use Microdata Samples. The 1920 sample will have added significance because the 1920 census was taken at a critical moment in the transition of America from a rural agricultural society to an urban industrial one. It was the first census year with a majority of the population residing in urban areas, and the first census year to show a decline in the number of agricultural workers. The foreign born and their children made up a higher percentage of the population than in any previous census year. It was also the census marking the transition away from the pattern of high population growth that had prevailed since the seventeenth century. The accelerating pace of industrialization, urbanization, immigration, and fertility decline were widely perceived as dangerous and frightening developments. These are precisely the sorts of social change that will be illuminated by the 1920 Public Use Microdata Sample. When the 1920 sample is complete, we will have a continuous series of microdata for every census year in the twentieth century, with the sole exception of the 1930 census, which is still protected by the census confidentiality rules. The 1920 Public Use Microdata Sample will not be complete until 1998, but a preliminary subsample will be available by late 1994.

SAMPLING UNITS

All individuals in the 1880 census were assigned to a "family," a term that the census defined more broadly than it does today. A family was an individual or group of individuals who jointly occupied a dwelling place or part of a dwelling place. Census instructions defined dwelling places as any occupied structure; they included both wigwams and tenement houses. Within dwelling places, the number of separate families was generally determined by the number of separate eating tables. However, there were exceptions to this criterion. All the permanent occupants of hotels, institutions, and military barracks constituted single families, provided they slept in the same building. Census enumerators likewise counted boarders, lodgers, and servants as part of the family occupying the dwelling place where they slept, regardless of their eating arrangements.

The analytic power of the public use microdata samples derives in large measure from their hierarchical organization: they are simultaneously samples of households (or families) and of individuals, and within households the relationships among individuals are known. This complex structure allows the creation of an almost limitless number of variables. The public use microdata samples for the censuses of 1940 through 1980 are samples of households, and those for 1900 and 1910 are samples of "families."

We have added another level of hierarchy by creating a sample of dwellings rather than a sample

of families. There are several advantages to sampling at the level of dwellings. First, there is the matter of definitional differences between the late-nineteenth century family and the household and group quarters of the post-1940 period. Families were distinguished by a separate eating table; although the exact definition of a household has varied, households and group quarters generally have required either complete cooking facilities or a separate entrance. It is likely, therefore, that some households or group quarters under current census definitions would have been considered to be two or more families in the late nineteenth century. The nineteenth-century definition of dwelling, on the other hand, is clearly broader than the current definition of household or group quarters. By providing information at the level of both dwellings and families, we maximize the potential for consistent comparisons.

As well as maximizing comparability, sampling by dwellings provides additional information that would not otherwise be available. The sample indicates that some 20 percent of the total population resided in multifamily dwellings. The high frequency of such living arrangements makes them worthy of study in their own right. Even if analysis is carried out at the level of the family, it may be useful to incorporate some variables constructed from the characteristics of the dwelling as a whole. For example, analysis of surnames allows identification of kin who resided in the same dwelling but in different families, a pattern that seems to have been common in nineteenth-century cities.

The chief liability of sampling by dwellings instead of families is that it reduces the number of independent observations in the file. Since census microdata files are cluster samples (ordinarily clustered by household), standard errors depend on both the number of clusters and on the homogeneity of variables within clusters. Calculation of standard errors for samples of this type is quite complicated (U.S. Bureau of the Census 1972; Kish 1965). In the worst case, with perfect homogeneity within clusters, the standard errors for variables would be inversely proportional to the square root of the number of clusters rather than the number of individuals. Even for variables that are not very homogeneous within clusters, such as age, there is some loss of precision when the total number of clusters is reduced. However, the increase of error is small.

The public use microdata samples for 1900 and 1910 substituted the modern census term "household" for the contemporary term "family." To avoid confusion, this documentation follows that precedent.

SAMPLE DESIGN

The manuscript census for 1880 consists of about 1.2 million enumeration pages, with 50 persons per page. These records are contained on 1,454 reels of microfilm. Each reel contains the census pages for several enumeration districts.

Our sampling strategy was based on the census page. Each pair of census pages contains 100 persons; since our sample density is 1 in 100, we needed an average of one person every two pages. We therefore randomly generated one sample point for every two pages. To ensure that dwellings had an equal probability of being included in the sample regardless of their size, they were only entered if the sample point fell on the line containing the first person in the dwelling. When the sample point fell on

any other dwelling member, the dwelling was skipped. Accordingly, for example, if the sample point fell within a dwelling with 5 members, there was only a 1 in 5 chance that the dwelling would be included in the sample, but if it was included, all five members were entered. Under this procedure each dwelling, family, and individual in the population had a 1 in 100 probability of inclusion.

We modified this procedure for persons residing in institutions and large group quarters. The previous public use microdata samples incorporated a variety of sampling strategies for handling such cases. In general, members of large units have been sampled on an individual basis, simply by treating each member as if they lived in their own one-person household. This procedure increases the efficiency of the sample by raising the number of observations while at the same time maintaining representativeness.

Unfortunately, since the criteria for designating units to be sampled on an individual basis have varied, the samples are incompatible for some applications. In the 1980 Public Use Microdata Sample, all units with 9 or more members unrelated to the householder were classified as group quarters, and members of group quarters were sampled on an individual basis (U.S. Bureau of the Census 1982). For the public use microdata samples of the period 1940-1970, the procedure was similar, except that units with 5 or more secondary individuals or secondary family members were classified as group quarters and sampled individually (U.S. Bureau of the Census 1972, 1984a, 1984b). In the 1910 sample up to 20 members of a family could be unrelated to the head before the members were sampled at the individual level (Strong 1988). The higher threshold for individual-level sampling in 1910 allows detailed study of the small boarding houses that were characteristic of the period; once again, however, there is a tradeoff between sampling error and the richness of the data. In the case of the 1900 data file, all boarders, lodgers, and the institutionalized were sampled as individuals or as secondary families, a strategy that maximizes precision at considerable cost in terms of lost information (Graham 1980). For example, the 1900 system makes it impossible to create a precise analog of the group quarters concept used in recent census years.

To ensure definitional comparability of the 1880 sample with all existing public use microdata samples, the number of persons allowed before sampling the unit at the individual level had to be at least as large as in the 1910 sample. We decided to expand the threshold to 30, which allows study of many boarding houses as intact units. The following set of inclusion rules assured compatibility with the sample designs of the previous public use microdata samples, while at the same time enriching the data. These rules result in equal probabilities of inclusion, regardless of dwelling size, family size, or the number of coresident relatives.

1. If the dwelling contains 30 or fewer residents:

- a) accept the entire dwelling if the sample point falls on the first listed individual in the dwelling.
- b) reject the entire dwelling if the sample point falls on any other dwelling resident.

2. If the dwelling contains 31 or more residents and the family contains 30 or fewer persons:

a) accept the entire family if the sample point falls on the family head. Also enter data on overall dwelling size and the number of families in the dwelling.

b) reject the entire family if the sample point falls on any other family member.

3. If the dwelling contains 31 or more residents and the family contains 31 or more persons and the sample point falls within any group of related persons within the family (in 1960 census usage, within a primary or secondary family):

a) accept the group of related persons if the sample point falls on the first listed individual within the related group. Also enter data on overall dwelling size, family size, and the number of families in the dwelling.

b) reject the entire related group if the sample point falls on any other member of the related group.

4. If the dwelling contains 31 or more residents and the family contains 31 or more persons and the sample point falls on an individual with no relatives in the family:

a) accept the individual. Also enter data on overall dwelling size, family size, and the number of families in the dwelling.

This set of sampling rules may seem excessively complex, but their implementation is straightforward. All but a few percent of the cases fall under the first rule. The second rule for the most part comes into play in the case of the large tenement houses of the Eastern cities. The third and fourth rules apply for institutions, military barracks, hotels, dormitories, and the like. In some cases, we were unable to determine the breaks between dwellings, because the enumerator failed to provide dwelling numbers. We then sampled at the level of the family, using rules 2 through 4. Most of these cases were probably single-family dwellings, but their dwelling size was coded as missing. The variable SAMPUNIT indicates which sampling rule was employed for each case, distinguishing those cases in which sampling was carried out at the family level because of missing dwelling numbers.

Divisions among families within dwellings were determined both by the family relationship codes and family numbers. Enumerators were instructed to write a new family number at the beginning of each family, and to assess family relationships from the perspective of the first person, or head, of each family. Occasionally, however, the two fields provide conflicting information; either there is a new head of household with no new family number or there are continuous family relationships with a new family number. In such cases, we generally used family relationships to determine the breaks between households, except in cases where we judged the family relationship to be unreliable. We have provided sufficient information for users to impose the alternate interpretations of families in the variables QHNUM and REL.

DATA ENTRY AND QUALITY CONTROL

Data Entry. Data entry was carried out directly from the microfilm at personal computers. The computer program presented the data-entry operator with a facsimile of the census form. The operator read the page and line number of each sample point from a listing prepared for each reel of film, and moved the microfilm to the appropriate position. If the sample point was valid according to the rules set out in the previous section, the operator entered the case. We transcribed all the information on the census form verbatim, including name, street address, and all the other locational information that appears at the top of the census form. All alphabetic fields were entered as written.

The data entry software performed a variety of interactive logical checks for internal consistency, including checks of consistency between the characteristics of different members of the same household. For example, the program required the operator to rekey the family if multiple wives appeared in the same household, or if a married person was less than 14 years old. If the rekeyed item still produced a failed edit check, the rekeyed value was retained.

Verification.

1. Sight Verification. Beyond the edit checks carried out at the time of data entry, we adopted several other procedures to ensure quality control and to estimate error rates. For the first subsample, research assistants sight verified all sample points and key variables. This insured that all operators interpreted the sampling rules correctly and entered data consistently. It also permitted us to check the quality of their work closely during the early stages of the project when they were still learning procedures and gaining familiarity with the census returns and nineteenth-century handwriting.

2. Reentry Verification. To estimate transcription error rates we subjected ten percent of the reels to a verification process. One reel out of every ten was randomly selected to be entered by another of the data entry operators. Each version of the data was then run through a program that compared the entry of each field. For each difference detected an analyst decided which entry was correct. The error rates were then tallied for each field (see Table 1). This process revealed an extremely low overall transcription error rate of 1.9 per thousand potential errors.

Consistency Checking and Cleaning. We performed data consistency checks on each reel in an effort to detect errors. The consistency checking program flagged potential data entry problems and enumerating problems which required examination by research staff. For example, the program flagged impossible sex and relationship combinations (e.g., daughters identified as male), which often could be resolved by checking the individual's given name and then changing the sex code by hand. Or, to give another instance, the program flagged families with more than one wife; on inspection one "wife" usually turned out to be a daughter-in-law or a member of an unrelated family in the same dwelling. Again, research staff made the appropriate change. All such changes are flagged with a quality control marker in the data. Most of the changes involved inferring family relationships or altering the division of dwellings into households. The basic principle was that the family relationship variable should always indicate the relationship of each individual to the household head, and the household head should be the first person listed in any family taken under sampling rules 1 or 2 (see page 6 for sampling rules). These necessary

changes were accomplished in any of three ways:

1. A family relationship was inferred. This was necessary when the relation to head was left blank, or when the relationship conflicted with other information. Such conflicts included when children had different surnames from the head, the age difference between children and parents was too small, or the sex and the relationship were incompatible, such as males listed as wife. Inferences were based on all other available information such as sex, age, race, marital status, birthplace, and position in the family. Both the relationship and the conflicting information were examined to determine which was reasonably at fault. We then corrected the erroneous variable, and flagged it appropriately.

2. Two households in a dwelling were merged into one. Some enumerators were overzealous when it came to identifying separate households, and split every dwelling into multiple families. We adopted the policy of letting the relationship field take priority over the family numbers. In cases where the first person in the second family had a valid relationship to the head of the first family (daughter, servant, etc.) the second family number was replaced with that of the prior family. This change is indicated by the flag QHHNUM on the person record.

3. A family was split into two. When two apparently unrelated families, as determined by the family relationship variable, appeared in the same household, we divided the unit into two households. This change is identified by QHHNUM on the household record.

Underenumeration. Another source of error in the 1880 PUMS is underenumeration in the original manuscript census. For the period before 1950, estimates of underenumeration are problematic because of the weakness of vital statistics and the lack of post-enumeration surveys. Francis Walker and Carroll Wright, the late nineteenth-century directors of the census, both claimed that net underenumeration was under one percent around the turn of the century (U.S. Bureau of the Census, 1916: 16), but such a figure cannot be believed. Coale and Zelnick (1963) and Coale and Rives (1973) have estimated net undercount for blacks and whites in the period 1880-1950 by the birth-reconstruction method. They conclude that the 1880 census undercounted blacks and whites by 6.5 percent.

More recently, Social Science History published several articles using various methods (comparisons of federal census manuscripts with genealogies, commercially prepared maps, city directories, poll and tax records, and state census manuscripts) to estimate underenumeration in the 1850 to 1880 federal censuses for specific places. Peter Knights (1991) was the only author to address the 1880 census. He concludes that gross underenumeration in Boston was approximately 11 percent by comparing the census to other lists of Bostonians resident in the city at census time. Knights' figures should probably be interpreted as a maximum as it includes some people who were on the census but whom he failed to match up. More important, he demonstrates that underenumeration was a selective process: the foreign-born, unmarried young adults, and those with low-status occupations, as well as residents in areas of rapid growth were most likely to be missed by the census takers.

Historians have frequently expressed concern about underreporting in the census (e.g. Sharpless

and Shortridge, 1975). In comparison with alternative cross-sectional sources, however, the census is impressive. We can be reasonably confident that the response rate was about 90 percent or better in all the census years for which we have public use microdata samples, a figure that compares favorably with the best of recent social surveys. For the nineteenth century, no alternative data source even comes close to the census in terms of coverage.

Table 1
Field Transcription Error Rates
from Verification

Field	Percentage of Error
Microfilm reel number	0.07
Microfilm reader counter number	0.02
Page number	0.26
Side of page	0.32
Superintendent's district	0.21
Enumeration district	0.32
Month received by census office	0.60
Day received by census office	2.30
City of residence	0.07
County of residence	0.09
State of residence	0.21
Date of enumeration	1.33
Line number	0.11
Street address	1.22
Dwelling number	0.62
Size of dwelling	0.51
Number of households in dwelling	0.15
Sequence in dwelling of first family taken	0.02
Household size	0.59
Number of persons taken in the dwelling	0.00
Institution	0.15
Dwelling comment	0.11
Household number	0.78
Last name	0.07
First name	0.09
Race	0.08
Sex	0.09
Age	0.66
Age in months	0.02
Relationship to head of household	0.10
Marital status	0.19
Married within year	0.00
Occupation	0.24
Months unemployed	0.03
Sick on day of enumeration	0.00
Attended school in the past year	0.15
Literacy	0.16
Birthplace	0.28
Father's birthplace	0.32
Mother's birthplace	0.47
Individual comment	0.01
Line	0.00
Sickness	0.06
Blind	0.01
Deaf	0.01
Idiotic	0.01
Insane	0.02
Maimed	0.02
TOTAL	0.19

DATA FORMAT

Following conventional public use microdata sample practice, our file has a column-format hierarchical structure. This file format is similar to that of previous public use microdata samples. Variables common to a household as a whole are contained on a household record. The household record is followed by a separate person record for each member of the household, giving their individual characteristics. We have not created a separate record type for the dwelling; information pertaining to the dwelling as a whole is repeated on each family record within multifamily dwellings. The layout of each record is given on pages 56-58.

With the exception of names and streets, numeric codes have been substituted for all alphabetic fields. For users who want access to the original alphabetic variables, an archive file is available on request.

HOUSEHOLD COMPOSITION AND FAMILY INTERRELATIONSHIPS

The study of household and family composition has proven one of the most fruitful applications of the public use microdata samples. Because the samples include information on entire households, they allow researchers to construct measures of family and household membership and family interrelationships tailored to their specific research questions. This section describes the tools provided in the 1880 sample for analysis of household composition and family interrelationships.

Definitions and Data Structure. As noted in the section on sample design, the 1880 sample differs from previous public use microdata samples in that it is a sample of dwellings rather than a sample of families. Dwelling houses were defined as "any building or place of abode, of whatever character, material, or structure, in which any person is at the time living, whether in a room above a warehouse or factory, a loft above a stable or a wigwam on the outskirts of a settlement, equally with a dwelling house in the usual, ordinary sense of the term." Within dwellings, the Census Office identified families, a term that then encompassed the modern census concepts of both households and group quarters. In apartment buildings and tenement houses, separate families were distinguished by separate eating tables. This criterion is roughly comparable to the criteria used to distinguish separate households in recent census years. At the same time, however, all the residents of a hotel, hospital, prison, asylum, or other institution were considered members of a single family.

To avoid confusion, this documentation generally uses the term household to refer to the nineteenth-century census category "family." Following current Census Bureau practice, institutions and other large units sampled at the individual level are termed group quarters, and families are considered to be related groups within households.

The unit actually sampled under the 1880 rules can be a dwelling containing one or more households, a household, a related group residing in group quarters, an individual in group quarters, or an unidentified fragment of a larger unit (see sampling rules). In each case, the unit taken is identified

by the variable SAMPUNIT.

Like the other public use microdata samples, the 1880 PUMS is organized hierarchically. Each case consists of a household record pertaining to the unit as a whole followed by a series of person records describing the characteristics of each individual in the household. Multi-household dwellings appear as a series of consecutive households, and can be identified as members of a single dwelling because they share the same dwelling sequence number (DWSEQ). HHSEQ identifies the sequence of the household within the dwelling; thus, taken together DWSEQ and HHSEQ provide a unique identifier for each household. The number of households in the dwelling is given by HHCOUNT. Note that under the 1880 sampling rules, multi-household dwellings with more than 30 residents were sampled at the household level rather than the dwelling level. We have therefore provided an additional variable, HHTAKE, which indicates the number of households actually included in the same from each dwelling.

Comparability of the PUMS Files. There have been some changes in the definitions of basic units of enumeration since 1880, but the effects of these changes are probably modest. More important are the differences among various public use microdata samples in procedures for sampling group quarters. In all the PUMS, large units such as institutions and boarding houses are sampled at the individual level. For example, instead of sampling 1 in 100 prisons, PUMS ordinarily sample 1 in 100 inmates of prisons. Units sampled at the individual level are called group quarters.

The public use microdata samples of 1940 through 1970 had a very broad definition of group quarters: they included all units with five or more members unrelated to the head. Thus, for example, all members of a unit containing a primary family and five servants would be considered group quarters and sampled at the individual level. The 1880 sample represents the opposite extreme: up to 30 unrelated persons could coreside before the unit was considered group quarters and sampled at the individual level. To compare the 1880 sample with later census years, units with 5 or more persons unrelated to the head should be reclassified as group quarters.

Family Interrelationships. The 1880 Public Use Microdata Sample is simultaneously a sample of households and of individuals, and within households the interrelationships among individuals are known. This hierarchical structure is one of the greatest strengths of the census file. By combining the characteristics of several individuals within a household, researchers can create a broad range of new variables about family and household composition and the characteristics of family members. For example, we can analyze fertility by attaching the ages of all own children to their maternal records, and we can address the family economy by simultaneously measuring the age, sex, and occupation of all family members.

One of our goals has been to develop a consistent, versatile, and reliable set of tools to make it easy for researchers to construct family variables using standard statistical packages. The 1880 sample provides fewer classifications of household and family composition than previous public use microdata samples; instead, we supply the basic building blocks for researchers to create their own classifications.

The 1880 sample includes a variable on the relationship of each household member to the head

of household. This variable -- called REL -- provides the basic measure of family relationships, but it is not sufficient to identify all family relationships and it is often inconvenient as a tool for constructing new family variables. Consider the following household:

Table 2.
Example of Family Relationships

Surname	Relationship	Age	Sex	Marital Status
MULCAHY	HEAD	61	F	W
MULCAHY	DAUGHTER	32	F	S
RYDEN	SON-IN-LAW	32	M	M
RYDEN	DAUGHTER	27	F	M
RYDEN	GNDCHILD	4	M	S
SALERNO	BOARDER	26	M	M
SALERNO	BOARDER	22	F	M

The relationship variable is sufficient to establish that the two daughters are both children of the household head, but to identify the other family interrelationships we must look to their other characteristics. We can infer that the son-in-law is married to the second daughter rather than the first one because they share the same surname and are both listed as married; for analogous reasons, we know that the grandchild is probably the child of the second daughter listed. It is also safe to assume that the two boarders are married to one another, because they are both married, they share the same surname, they are both adults and close to the same age, and they are listed adjacently.

To allow users to identify relationships among spouses, parents, and children without forcing them to use multiple variables and complicated logic, the 1880 census file includes a set of pointers called SPLOC, MOMLOC, and POPLOC. These pointers identify the location within the household of each individual's own spouse, mother, and father, respectively. Table 3 illustrates these variables. PERNUM is the sequence number of each individual within the household. SPLOC shows the sequence number of each individual's own spouse; for example, since the son-in-law is married to the second daughter who is in the fourth position, his SPLOC is 04. Persons without a spouse are assigned a SPLOC of 00. MOMLOC and POPLOC show the sequence numbers of own mothers and own fathers; for example, the mother and father of the grandchild are in positions 04 and 03, respectively.

Table 3.
Example of Family Relationships

Surname	Relationship	PERNUM	SPLOC	MOMLOC	POPLOC
MULCAHY	HEAD	01	00	00	00
MULCAHY	DAUGHTER	02	00	01	00
RYDEN	SON-IN-LAW	03	04	00	00
RYDEN	DAUGHTER	04	03	01	00
RYDEN	GNDCHILD	05	00	04	03
SALERNO	BOARDER	06	07	00	00
SALERNO	BOARDER	07	06	00	00

SPLOC, MOMLOC and POPLOC can be used to identify conjugal units, to attach characteristics of spouses or parents, to develop specialized own-child measures, or as building blocks for more elaborate measures of family composition. In most cases, users will be able to manipulate these variables to construct their own measures within a statistical package, and will not be forced to resort to higher-level programming.

For example, users frequently need to attach the characteristics of immediate family members. The following SPSS-X command file uses SPLOC to attach spouse's occupation to the record of each married person. SERIAL is a unique identifier for each household, constructed by combining DWSEQ and HHSEQ. First we obtain an active file with serial number (SERIAL), occupation (OCC1950) and spouse location (SPLOC). SPLOC is renamed as PERNUM, and OCC1950 is renamed as spouse's occupation (SPOCC). We then sort the file by SERIAL and PERNUM, and match it back to the original file. Because the PERNUM we are matching was originally SPLOC, we are actually matching spousal occupations.

```
GET FILE='PUMS1880.SYS' /KEEP SERIAL OCC1950 SPLOC
  /RENAME (PERNUM=SPLOC) (SPOCC=OCCUP)
SORT CASES BY SERIAL, PERNUM
MATCH FILES TABLE=* /FILE='IPUMS.SYS' /BY SERIAL, PERNUM
SAVE OUTFILE='PUMS2.SYS'
FINISH
```

It is virtually as easy to use MOMLOC and POPLOC to attach characteristics of own children. The following SPSS-X command file uses similar logic together with the AGGREGATE command to count the number of own children under ten years old for each woman.

```
GET FILE='PUMS1880.SYS' /KEEP SERIAL MOMLOC AGE
/RENAME (PERNUM=MOMLOC)
SELECT IF (AGE LT 10 AND PERNUM GT 0)
SORT CASES BY SERIAL, PERNUM
AGGREGATE OUTFILE=* /BREAK SERIAL PERNUM /CHLT10=N
MATCH FILES TABLE=* /FILE='IPUMS.SYS' /BY SERIAL,PERNUM
IF (MISSING(CHLT10)) CHLT10=0
SAVE OUTFILE='PUMS3.SYS'
FINISH
```

Most family classification schemes are built up from information on the presence of immediate kin. The basic Census Bureau classifications focus on the presence of spouses and children of the household head; the Laslett (1972) scheme widely used by historians is based on a count of "conjugal family units" consisting of parents and children or married couples. SPLOC, MOMLOC, and POPLOC make it relatively simple to construct such classifications.

Family historians are increasingly moving from household-level schemes of family classification toward individual-level measures of family structure. For example, instead of measuring the proportion of households headed by a single female parent, we might assess the proportion of women who were single parents or the proportion of children residing with mothers only. Such individual-level analyses offer a variety of advantages that have been detailed elsewhere (King and Preston 1990; Ruggles 1987, 1994a, 1994b). The individual-level pointer variables are especially well suited to creation of these kinds of measures.

In addition to SPLOC, MOMLOC and POPLOC, the 1880 sample provides a variety of other constructed variables to aid researchers in creating new family variables. These are described in Table 4 and illustrated in Table 5. NCHILD, ELDCH, and YNGCH are based on all own children; NCHLT5 is a count of own children under five, excluding identifiable stepchildren and adopted children (see discussion below). ELDCH and YNGCH receive a value of 99 if no own children are present, and 98 if a child is present but age is missing or illegible.

Table 4
List of Variables on Family Interrelationships

PERSEQ	Sequence number of person within household
REL	Relationship of person to household head
NFAM	Number of household members related to person
NCHILD	Number of own children in household
NCHLT5	Number of own children under age five in household
ELDCH	Age of eldest own child in household
YNGCH	Age of youngest own child in household
SPLOC	Location of own spouse within household
MOMLOC	Location of own mother within household
POPLOC	Location of own father within household

Table 5
Illustration of Additional Constructed Family Variables

Surname	Relationship	NFAM	NCHILD	NCHLT5	ELDCH	YNGCH
MULCAHY	HEAD	05	2	0	32	27
MULCAHY	DAUGHTER	05	0	0	99	99
RYDEN	SON-IN-LAW	05	1	1	04	04
RYDEN	DAUGHTER	05	1	1	04	04
RYDEN	GNDCHILD	05	0	0	99	99
SALERNO	BOARDER	02	0	0	99	99
SALERNO	BOARDER	02	0	0	99	99

Procedures for Linking Parents and Children. Assigning links between parents and their children is usually straightforward. In about 97 percent of cases the census information on family relationships is sufficient to establish parent-child links. For example, if an individual is listed as a child of the household head, his or her parents should always be listed as the household head or wife of head, and there is little ambiguity because each household has one head and no more than one wife. Similarly, the parents of persons listed as the household head or a sibling of the head are always listed as mother or father of the head, and each household contains no more than one person listed as mother and no more than one listed as father.¹ Parentage is almost as clear-cut for persons listed as wife or sibling-in-law, since households ordinarily do not include multiple mothers-in-law or fathers-in-law.

For persons who have family relationships other than head, wife, child, sibling, or sibling-in-law, the relationship information does not identify parental relationships with as much precision. For example, we know that the parent of a person listed as grandchild of the head should be listed as a child or a child-in-law, but because a family may contain multiple persons listed as child or child-in-law, the relationships do not unambiguously identify parentage. Even if there is only one child present, there is still room for error, since a grandchild could be the offspring of an absent child. In some cases -- such as secondary families consisting of boarders -- the relationship codes may provide no information for linking parents and children.

Whenever the family relationship codes are unclear, we must turn to other information to identify parent-child relationships. The 1880 census contains four additional pieces of information that can be used to clarify ambiguities: age, marital status, surname and the order in which

¹Occasionally households included more than one head, wife, mother of head, or father of head, usually because of enumerator or data-entry error. Such cases were corrected prior to assigning parentage. Very rarely, we encountered true polygamous marriages; where these could be identified, we assigned the wives detailed relationship codes of Polygamous wife. Such cases are corrected in the IPUMS version of the data by means of a consistency checking program prior to assigning parentage. Very rarely, we encountered true polygamous marriages; where these could be identified, we assigned the wives detailed relationship codes of PG wife.

individuals are listed in the census. Thus, for example, if a household contains a widowed daughter followed immediately by a grandchild who is twenty years younger than the daughter, we may reasonably infer a maternal relationship even if other daughters are present.

We attempted to make a system of rules that would be compatible with Public Use Microdata Samples from other census years. We therefore begin by establishing all parental relationships that can be plausibly identified using only information available in all census years; relationship, age, sex, marital status, and sequence in the household listing. This is carried out by means of three logical rules, described below. For 1880, we then use an additional rule to add parental relationships that can only be identified by using information on surname similarity. Additionally, rule 7 identifies those cases where a child was linked as a step child. If a link could be established through more than one rule, the lower-numbered rule was used. The rule used in any particular case is identified in the variables MOMRULE and POPRULE.

Rule 1: Unambiguous relationships.

- a) If the relationship of an individual to the household head is son, daughter, or child then establish parental links to persons listed as head or wife, or
- b) if the relationship of an individual to the household head is head, brother, or sister, then establish parental links to persons listed as mother or father, or
- c) if the relationship of an individual to the household head is wife, brother-in-law, or sister-in-law, then establish parental links to persons listed as mother-in-law or father-in-law.

Rule 2. Grandchildren

If the relationship of individual to household head is listed as grandson, granddaughter, or grandchild, then establish parental link to the most proximate ever-married child and/or child-in-law with a plausible age difference. Plausible age differences are defined as 12-54 years for women, and 15-74 years for men. If there is more than one eligible parent, choose the most proximate.

Rule 3. All other relatives and nonrelatives (using household position)

Link relatives and non-relatives not mentioned above to any preceding ever-married person with a plausible age difference as defined in rule 2, as long as there are no intervening persons other than children or spouses of the potential parent. Links between relatives and non-relatives are prohibited.

Rule 4. All other relatives and nonrelatives (using surname)

Same as rule 3, except that surname similarity is substituted for the requirement that there are no intervening persons between the parent and child. If more than one eligible parent is found, the most proximate is linked.

Rule 7. Spouse of linked parent

If one parent is linked and they have a spouse present, their spouse is linked as a step parent.

We performed two basic checks for inconsistency of the family links. First, if two parents were linked but they were not married to each other, we unlinked the father. Second, if both partners in a married couple were linked to the same parent we chose the best parental link based on detailed relationship code, surname, and proximity within the household.

Users should be aware that the logical rules used to create MOMLOC and POPLOC link parents to adopted children and stepchildren as well as to biological children. This may be appropriate for the study of topics such as the family economy, but for some topics -- such as fertility analysis -- adopted children and stepchildren should be eliminated whenever possible. Many stepchildren and adopted children can never be identified, but users who want to eliminate non-biological maternal links should eliminate cases in which the age difference between mothers and children fall outside the range 15 to 49. A few additional non-biological links can be identified through the use of the detailed relationship codes. The variable CHLT5 excludes all identifiable stepchildren and adopted children, since it is mainly intended for fertility analysis.

Procedures for Linking Spouses. Spousal links are much easier than parental links. Most households have only one married couple, and where more than one married couple is present proximity is a reliable indicator of who goes with whom. In all census years, married couples are listed adjacently in about 99 percent of cases, and the few exceptions can almost all be resolved through relationship codes.

The spouse links were carried out by means of five rules. The following paragraphs describe the spouse linking rules, identified in the variable SPRULE:

Rule 1: Link married women to previous adjacent married males with an appropriate relationship. Appropriate relationships are defined as follows:

Relationship	Spouse's Relationship
Head	Spouse
Child	Child-in-law
Parent	Parent
Parent-in-law	Parent-in-law
Sibling	Sibling-in-Law

Rule 2: Link married women to following adjacent married males sex with the appropriate relationship.

Rule 3: Link married women to non-adjacent married males of appropriate relationship, provided both are over age 15 and the husband is no more than 25 years older than the wife and the wife is no more than 10 years older than the husband.

Rule 4: Link married women with a relationship not specified on the appropriate relationship list to previous adjacent married men with appropriate ages as defined in rule 3. Ignore relationship, except

do not marry an unrelated person to a relative.

Rule 5: Same as rule 4 except link subsequent adjacent husbands.

Comparison of 1880 and 1910 PUMS Linking Procedures

The only previous dataset to incorporate family relationship variables similar to MOMLOC and SPLOC is the 1910 PUMS. The creators of the 1910 sample adopted a much more elaborate procedure for creating links between mothers and children and between husbands and wives. In the most obvious cases -- those with completely unambiguous relationship codes and no other hint of ambiguity -- the 1910 PUMS relied on logical rules to assign linkages. In all other cases, however, the 1910 PUMS turned to a complicated point system based on probabilities. Each characteristic that could be used to identify potential mother-child or husband-wife links -- such as similar surnames, relationship codes, age differences, and so on -- was assigned a point value based on its power to predict "correct" links in a small hand-linked subset of the data. The sum of these points was then calculated for all potential links in the sample. If the sum exceeded a pre-specified minimum, the link was accepted, and if it fell below a pre-specified minimum, the link was rejected. When the sum of weights fell in the gray zone links were carried out by hand, by re-examining the case on the original microfilm.

We experimented extensively with similar probability-based point systems for assigning links, but found them unsatisfactory. The importance of any particular characteristic depends on its context. For example, surnames assume great significance when the relationship codes are ambiguous, but otherwise should be ignored. A simple additive point system proved incapable of such distinctions.

The 1910 procedure ran into similar difficulties. Despite the complexity of the probability-based linking system, it was sufficient to identify only the most straightforward links. More than one in five of individuals in the sample -- some 75,000 cases -- fell into the gray zone and had to be reexamined by hand. If we had adopted a similar procedure for all the other historical census samples, it would have meant looking up about ten million cases individually, which would have multiplied our costs many fold.

The logical rules described in the above produce results that are very similar to those obtained by the 1910 project at a fraction of the cost. Table 7 compares our links to the 1910 links. The maternal links obtained through each method differed in 0.66 percent of cases. We examined each of the cases where the two methods differed, and found that in many cases the 1910 links were clearly correct. In most cases, however, the census listings are truly ambiguous, and the links are a matter of guesswork. The spousal links are more clear-cut: our procedures and the 1910 procedures produce identical results in over 99.9 percent of cases.

Table 7
Comparison of Maternal and Spousal Links, 1880 Method and 1910 Method
(Percents)

	Maternal Links	Spousal Links
Same results by both methods	99.33	99.92
No link by either method	55.30	64.45
Identical links by both methods	44.03	35.47
Different results by each method	0.66	0.08
Linked by 1910 method only	0.33	0.03
Linked by 1880 method only	0.30	0.03
Different links by each method	0.03	0.01
Total	100.00	100.00
Number of cases	366239	188531

GEOGRAPHIC CODING

State and County Residence. The three basic pieces of geographical information contained in the 1880 census were state, county, and civil division. State and county residence is straightforward. Each microfilm reel for the 1880 census contains individuals from a specific state; thus even in the event of enumerator or data entry error, mistakes were easily corrected for state of residence. We also checked for inconsistency between reel number and county of residence. In rare instances the county line was left blank by the enumerator, in which case we used additional information, usually the county entry for the previous and next page, to enter the correct county. Both states and counties were then recoded to conform to the Interuniversity Consortium for Political and Social Research (ICPSR) state and county codes.

Population of Incorporated Place. The 1880 PUMS includes additional variables for city rank (which indicates residence in each of the 98 largest cities) and city population (in hundreds). The city population variable (CITYPOP) consists of the published population totals for residents of all places with a municipal charter (cities, towns, villages). The Census Office noted the complexity of making urban/rural distinctions in their comments on the urban population in 1880:

We meet, however, at the outset of this discussion with several difficulties. For instance: What constitutes a city? In most of the states there is no doubt whatever on this point. All dense bodies of population, of any considerable magnitude, have municipal charters. The entire population of every city is urban; consequently, the line can be sharply drawn. In several of the older states, however, we find dense

bodies of population combined with outlying rural settlements under one government. This is the case in several of the townships in the neighborhood of Chicago, Illinois, and around other centers in the prairie states, and in New York, New Jersey, and Pennsylvania. It is in the New England states, however, that we meet with the greatest difficulty, for here the case above-mentioned is the rule and not the exception. In Massachusetts a so-called "town", which is to all intents and purposes a township, may comprise a population of 10,000 or 15,000, or even more, and consist of one or more dense bodies of population, with a scattering rural population also included under the town government. (Vol. I, Population, xxviii-xxix. See Vol. I, Population, pp. 89-91 for a brief discussion of variations in sub-county government divisions for the different states.)

In addition to assigning population totals to residents of municipal corporations for CITYPOP, we followed Census Office practice in considering New England towns as incorporated municipalities. Thus all New England residents were assigned the population of their town for CITYPOP, a practice which is consistent with other public use microdata samples. It should be noted that residents of unincorporated villages received a CITYPOP of zero (with the exception, of course, of New England residents, which were given the population of the town). Although some unincorporated places share characteristics with incorporated villages and towns, (the only difference being the absence of a municipal charter), the Census Office noted that "many enumerators failed to separate such bodies of population," and that their published population "figures can be considered as only approximate, as the limits of such places are not sharply defined." (Vol. I, Population, p. 98). Instructions for the 1880 census provided that enumerators should:

... begin each township (if there be more than one in a district), borough, etc., with a new page. The population of villages within townships should be carefully distinguished on the schedules. The population of such villages should, in all cases, begin a new page; and when the inhabitants of a village have all been entered the remainder of the page should be left blank, except with the remark here ends the village of _____.

So far as possible the population of small unincorporated villages and hamlets should be reported, as in cases of incorporated villages and boroughs.

It is not clear from the instructions whether the enumerators were supposed to distinguish townships from villages within townships in the blank at the top of each manuscript page. The Census Office apparently dealt with any ambiguity by looking for comments such as "here begins the village of" and "here ends the village of", as well as using page breaks to distinguish between village and non-village populations.

In many cases, we had difficulty distinguishing the boundaries of incorporated places. Particularly troubling were cases where a township and village or town within a township had the same name--for example, Noblesville town in Noblesville township in Hamilton County, Indiana. Frequently in such cases the enumerator would only enter the place name without any indication

whether it was Noblesville town or Noblesville township. To resolve such ambiguities we rechecked the manuscript reels in all cases where a municipal incorporation and non-municipal sub-county incorporation with the same name were located in the same county. We also examined cases which had a valid entry in the street field but a CITYPOP of zero, and cases that did not have a street entry but had a CITYPOP of 2,500 or greater.

In some cases the Census Office could not provide the civil divisions within counties because enumerators did not provide that detail. All territories (with the exception of Utah) and the states of Colorado and Nevada fell into this category. The following list gives the places from these states and territories that were explicitly designated as incorporated.

State/Territory	Incorporated Place	County	Population (in 100s)
Arizona	Tucson City	Yavapai	70
	Prescott	Pima	18
	Tombstone	Pima	9
Montana	Butte City	Deer Lodge	33
	Virginia City	Madison	6
Nevada	Austin City	Lander	16
	Carson City	Ormsby	42
	Eureka	Eureka	42
	Reno	Washoe	13
	Virginia City	Storey	109

Our recoding procedures would have resulted in assigning the population in hundreds to these ten cases, with all other places in these states and territories, including such places as Denver, Colorado (population of 35,629) and Santa Fe, New Mexico (population of 6,635) receiving a CITYPOP of zero. Instead, we assigned populations for all places with a population over 1,000, regardless of incorporated status, for the states of Colorado and Nevada and all territories, with the exception of Utah.

The Census Office in 1880 used a cutoff of 4,000 and 8,000 in population to distinguish between the urban and rural population. The variable CITYPOP can be used by researchers to construct their own definition of urban and rural or to focus on specific segments of the population on the basis of this variable. However, we caution against making fine distinctions between residents of places with a CITYPOP under 25 (2,500 population), a category where enumerators were the most lax about clearly distinguishing rural from village populations.

OCCUPATIONAL CODING

Francis Walker, Superintendent of the Censuses of 1870 and 1880, considered the question of employment "one of the most important questions of the schedule," and cautioned enumerators to "make a study of it." Enumerators were instructed to report "the occupation of each person ten years of age and upward," and Walker included a series of directions to ensure that enumerators recorded occupations reliably and consistently. Occupations were to be reported in detailed rather than in vague or general terms. "Call no one a 'factory hand' or 'mill operative,'" he instructed, "State the kind of mill or factory." Women's occupations were also to be reported, but women doing domestic labor for themselves or their families without receiving a wage were to be classified as "keeping house." Children "too young to take part in production" or at school were not considered gainfully employed, but children who earned money "regularly by labor, contributing to the family support, or appreciably assisting in mechanical or agricultural industry" were to be reported with an occupation. The modern labor force concept, defined by work within a specific reference week, was not implemented until 1940. In 1880, the amorphous idea of "gainful employment" was the rule. The nominal bottom age limit for having an occupation was ten years in 1880, but exceptions were allowable. The occupation question was to be answered for every person, whether they were employed or not. This resulted in a variety of non-occupational responses not distinguished by the Census Office in its tabulations.

The instructions provided by the Census Office did not guarantee consistent reporting in every case. Recorded occupations were often vague or inconsistently reported, sometimes listing an industry without an occupation (e.g., "Cotton mill"), or an occupation without an industry (e.g., "Molder"). In addition, other information (health or relationship status) was sometimes entered into the occupation field. Because of these irregularities, classifying and coding occupations proved challenging.

Our method of coding occupations consisted of three main stages: data entry, sorting, and coding. In the data entry stage, data entry operators recorded each occupation exactly as it was reported, including enumerator spelling errors or abbreviations. These titles were then copied into a separate file and sorted alphabetically. Finally, each title was assigned a numeric code based on the Census Office's 1880 detailed occupational coding scheme. In addition, each response was assigned a 1950 occupational code and a detailed occupation code distinguishing individual job titles within the 1950 categories.

1880 Occupational Classification:

In many cases coding an occupation according to the standards employed by the 1880 Census Office in tabulating returns was difficult. No detailed instructions remain and many of the enumerated responses are vague or incomplete. The only evidence we had of how the Census Office grouped the detailed occupational responses into its 1880 classification scheme of 265 categories was an 1880 Occupational Index provided by Margo Anderson. Although it proved helpful in some cases, the listing was incomplete and was compiled at an early stage in the tabulation process before many categories were dropped and combined. For these reasons we designed a standard coding procedure to ensure consistent coding. Five general rules covered many of the difficult coding problems:

- 1) In cases where more than one occupation was listed we coded according to the first

occupation. However, when the first occupation was a non-occupational response (i.e., "keeping house") and the second gave an actual occupation, we coded according to the second occupation.

2) When the response listed both occupation and industry, we gave preference to the industry over the occupation if that industry was explicitly noted in the 1880 classification. The rationale for this procedure is the "industrial" classification system used by the 1880 Census Office which placed greater importance on locating persons within sectors of the economy than in relating their specific tasks. Thus, for example, the response "Blacksmith on Railroad" was coded as "Employee on railroad" rather than as "Blacksmith."

3) If the occupation response gave only a place of employment or an industry within the manufacturing sector (i.e., "Iron mill"), we coded the individual as an employee of that industry. If the response referred to a "Shop," it was coded among the manufacturing occupations; if it referred to a "Store," it was coded within trade and transportation. If the response contained only a type of store without further qualification (i.e., "Dry goods store" or "Grocery"), we coded the person as a trader and dealer in that line of trade.

4) If the status of the worker was clear but no further information was provided, we checked the manuscript reel for additional information. The response "Chores" for example was coded as "Agricultural laborer" when an individual lived in a rural area. It was not considered an occupation if other household and locality information suggested that the individual simply performed household chores. We resorted to this procedure in relatively few cases.

5) The final step in the coding procedure was to compare the results of our classification with the published tabulations of the 1880 Census Office. We examined instances where large discrepancies existed between the Census Office returns and our results. The comparison sometimes suggested that certain responses were not coded by the Census Office into a particular category. This procedure was particularly helpful in dealing with some of the following problematic occupations.

001 Agricultural Laborers. Our initial figures for persons working in agriculture were much lower than those of the 1880 Census Office. The difference lay in our much smaller number of agricultural laborers. Conversely, our number of laborers was much higher than that reported in the 1880 tabulations. The Census Office recognized the confusion of agricultural and common labor as a perennial problem of the census. There is no evidence that the 1880 figures were adjusted after tabulation, but the Census Office apparently inferred agricultural laborer status from the characteristics of the household or locality. We recoded and flagged cases from the "Laborers (not specified)" category to "Agricultural Laborers" when a laborer lived in a household headed by a farmer. After this adjustment, the PUMS figures for agricultural labor approximated the published numbers.

023, 065 Clerks. After initial coding, we had far fewer clerks coded as "Clerks in stores" than the 1880 Census Office reported, and we had many more "Clerks and copyists (not otherwise described)." In fact, there were many more persons unambiguously enumerated simply as "Clerks" (or some spelling variation thereof) than the published returns had in the category of "Clerks and copyists (not otherwise described)." It appears that the 1880 tabulators somehow judged a large portion of clerks to have been working in stores on the basis of other personal or household characteristics. We have no way of knowing on what basis this classification was made. The issue is

an important one because it determines the economic sector in which these persons are classified: Trade and Transportation versus Professional and Personal Services. We chose to code all persons returned simply as "Clerks" as "Clerks in stores" (the former category being 14 times larger than the latter in the published data). Our final figures for the two categories are close to the published 1880 figures, but we cannot be sure that the same persons were classified into the same categories in the two schemes. The residual category "Clerks and copyists (not otherwise described)" now contains persons returned as clerks who worked in a specified setting not described in the other clerk categories.

046 Nurses. A response of "Nurse" without qualification was ambiguous with respect to whether the person was a medical nurse or a domestic servant. In some cases extra information in the occupation field (e.g., "Child's Nurse") provided the necessary information for proper classification. But over 300 persons responded only "nurse" when the published 1880 returns suggested we should encounter less than half that number. We coded as domestic servants all nurses whose relationship to the household head was "Resident employee." A resident medical nurse would therefore be coded as a domestic servant. We note the recoded cases with a data quality flag.

029 Housekeepers. The most significant coding issue we faced concerned housekeepers. The 1880 enumerator instructions stated that

The term "housekeeper" will be reserved for such persons as receive distinct wages or salary for the service. Women keeping house for their own families or for themselves, without any other gainful occupation, will be entered as "keeping house." Grown daughters assisting them will be reported without occupation.

But we discovered that the Census Office clearly did not believe that the enumerators had adhered to these directions. When we interpreted the occupation responses according to these rules, we had 80 percent more persons coded as domestic servants than the 1880 tabulations reported. And this was one of the largest occupational categories to begin with. Crucially, coded in this way, the level of married women's employment in 1880 was much higher than other sources imply and suggested a great temporary upward spike in the historical trend of married women's work. We recoded to a non-occupational response category those women who responded "housekeeper" who were related to the head of the household. We gave the recoded housekeepers a distinct non-occupational response (in addition to a data quality flag) so that researchers could readily identify them.

Residual categories. We coded more persons within the "other" groupings than did the 1880 tabulators. We had no guidance as to whom the 1880 Census Office put in these categories. Some of the distinct groups and general rules of classification we followed are:

058-- Others in Professional and Personal Services--This grouping contains 74 prostitutes and 12 gamblers, among other titles.

089-- Porters and Laborers in Stores and Warehouses--Includes the numerically significant group of stevedores and longshoreman. Anyone reported as "Works in [some type of store]" was also classified here.

172-- Employees in Manufacturing Establishments (not specified)--Persons reporting a manufacturing occupation that suggested employee status but did not include reference to a mill or factory (e.g., "Works in lamp shop," and "Pressman").

204-- Mill and Factory Operatives (not specified)--Persons whose title suggested employee or operative status while also mentioning a mill or factory workplace. Some of the titles include "Mill hand," "In pencil factory," and "Steam mill."

210-- Officials of Manufacturing and Mining Companies--Includes the following terms in the title in combination with some reference to manufacturing: keeps, owner, proprietor, manager, running, superintendent, president, treasurer.

265-- Others in Manufacturing, Mechanical, and Mining Industries--Titles that suggested manufacturing occupations but that gave no intimation of the status of the person. Included here are many persons described simply as "makers" of certain items not specified among the other occupational categories.

266-- Employed, Occupation Unspecified--A category we created for the PUMS. Persons coded here gave a response that clearly indicated they were employed (e.g., supervisor), but there was no way to determine even in which economic sector to place the person. This is an occupational response.

We differentiated among the non-occupational responses we encountered in the data and coded them into a number of categories above the numeric range of the occupational responses (301 to 310). We grouped the responses in such a way as we felt would be most useful to researchers.

1950 Occupational Classification:

We coded occupations into the 1950 Census Bureau occupational classification in addition to the 1880 scheme. The 1950 classification was carried out in a similar manner to the 1880 coding (steps 1, 3 and 4 detailed above). In coding into the 1950 system we did not favor industry as we did for 1880. The procedure for 1950 also differed because we did not have published Census Office statistics against which to compare our final figures. The 1950 classification was simplified greatly by a published Census Bureau *Index of Occupations and Industries* that the Bureau used for its own 1950 tabulations. The vast majority of 1880 occupations were contained in this index which supplied the appropriate 1950 code for particular job titles, sometimes providing different codes for the same occupational title where the industry differed. The status of certain occupations may have changed since 1880 with respect to the particular occupational grouping in which it belongs (e.g., "Craftsmen" or "Operative"), but we adhered strictly to the letter and logic of the 1950 Index. We leave to the individual researcher how to resolve such issues.

Some occupations proved difficult to code because of ambiguity, lack of the necessary industry information, or because the particular occupation disappeared--or the title fell out of usage--between 1880 and 1950. If no appropriate category suggested itself, we classified the occupation within one of the residual categories such as "Operatives and kindred workers (n.e.c.)." The following occupations proved problematic or contain subgroups that bear pointing out:

300-- Agents (not elsewhere classified)--If the title suggested the person was an agent in retail, as opposed to wholesale or manufacturing, then the person was coded in "Salesmen and sales clerks

(not elsewhere classified)."

564-- Painters, Construction and Maintenance--There are two categories of painters in 1950, the other being "Painters, except construction or maintenance." We used the construction category as the default code. Persons listed as "Painter" or "House painter" were coded in construction painting.

594-- Craftsmen and Kindred Workers (not elsewhere classified)--This includes persons returned as coopers, brewers and wagonwrights, among others.

625-- Bus Drivers--Includes bus, coach and stage drivers. A person returned as a "Coachman" was coded in "Private household workers (not elsewhere classified).

682-- Taxicab Drivers and Chauffeurs--Includes carriage and hack drivers.

683-- Truck and Tractor Drivers--Includes cartmen, expressmen, and persons listed only as "driver." We also classified "teamsters" here rather than coding them in the 1950 category "Teamsters." This was the only point where we consciously broke from the 1950 occupational index. Our rationale was that teamsters in 1950 were an insignificant and marginal occupation classified in the larger grouping "Laborers, except farm and mine." Teamsters in 1880 were a mainstream occupation performing the function of 1950 truck drivers. With other occupations we did not let mechanization or change of method or setting alter its classification.

690-- Operatives and Kindred Workers (not elsewhere classified)--A large residual category containing harnessmakers, tanners, wagon makers, cigar makers, and persons reported as "working" in a mill or ship.

700-- Housekeepers, Private Household--This occupation was subject to the same logical change as the 1880 domestic servant category, whereby women related to the head of household were coded into a non-occupational category.

710-- Laundresses, Private Household--Includes persons returned variously as "Washer" or "Washerwoman" or some variant thereof. Persons with a response of "Laundress" without a qualifier suggesting a private household were coded as "Laundry and dry cleaning operatives."

731-- Attendants, Professional and Personal Services (not elsewhere classified)--Includes prostitutes.

781-- Practical Nurses--This occupation was subject to the same logical change as the 1880 nurse category, coding persons related to the head of the household as "Private household workers (n.e.c.)." Only if the title specified that this was a professional nurse was the person coded in "Nurses, professional" (code 058).

970-- Laborers (not elsewhere classified)--Subject to the same logical recoding as the 1880 laborer category whereby persons in households headed by a farmer were recoded as "Farm laborers, wage workers." The laborer category contains persons identified as "Hostler."

975-- Employed, Occupation Unspecified--A category we created for the PUMS. Persons coded here gave a response that clearly indicated they were employed (e.g., supervisor), but there was no way to determine even which economic sector in which to place the person. This is an occupational response.

Non-occupational responses were grouped into categories and given codes above the range of legitimate 1950 occupational responses (981 to 990).

Detailed Occupational Classification:

Some historians may wish to focus on particular occupations at a finer level of detail than that offered by either the 1880 or 1950 Census Bureau classifications. For example, researchers particularly interested in mining may wish to compare gold miners and coal miners. The Census Bureau occupational classification systems do not provide such detail, instead coding thousands of occupational titles into two or three hundred categories. A number of distinctive occupations like "prostitute" were grouped with other titles (in 1950, "Attendants, personal and professional service") and cannot be separated out again. However, giving researchers a complete listing of all occupations as originally recorded from the schedules would provide an unmanageable level of detail preserving meaningless distinctions such as those between "gold minors" and "ogld miners" or between "c. miners" and "col miners." To accommodate more exacting research needs while eliminating mere spelling variations, we created a supplementary detailed occupational coding scheme based on the 1950 system. The detailed occupation codes are basically addenda to the 1950 classification, extending the occupation codes from three to seven digits if read as a single field. The first three digits provide the 1950 occupation code and the last four distinguish specific job titles while removing spelling variations.

To generate the detailed codes, we began with the completed data dictionary listing every occupational response as originally recorded in alphabetic form along with the occupation codes that we assigned. We sorted the file by our 1950 codes. A unique number was assigned to each valid variation of an occupation with a 1950 category, collapsing distinctions that were unambiguously spelling variations or abbreviations. Thus "railroad contractor" and "rr contractor" were given the same detailed code, while "railroad man" and "railroad porter" were given different codes. Many occupational responses were distinguished by different detailed codes, even though they seemed logically similar; for example "railroad man" and "railroad worker." Our goal was to provide researchers with as much detail as possible in case such differences turned out to be significant. Similarly, differences in terms of grammatical structure were preserved. For example, "bookkeeper" and "bookkeeping" were given separate detailed codes. Some of these distinctions may be ephemeral or useless, but we wished to err on the side of cautiousness.

Conclusion:

One of the key points to note about our occupational coding procedure was our reliance (with little exception) on the occupational field considered in isolation. Only in cases of severe disjuncture between our figures and those of the Census Office (for the 1880 classification) did we attempt a computer logical change that relied on other characteristics of the individual, household or locality. We used this procedure only to reassign codes for a portion of housekeepers, laborers and nurses. Our experience suggests that the Census Office regularly employed a coding procedure using other personal and household characteristics to make some coding decisions. Comparing the published 1880 figures with our own for women and children in certain occupations also shows that the Census Office edited "unlikely" or "impossible" responses as some historians have argued. There are advantages to the Census Office method in terms of error control. Their method, however, builds a certain correlation between characteristics into the coding scheme itself. Our classification method leaves the occupation variable independent. It does not superimpose our own notions of social reality, but treats such issues as open questions subject to empirical investigation.

BIRTHPLACE CODING

Enumerators were instructed to obtain information on country of birth for each individual and his or her mother and father. These data can be used to study migration across generations or, in conjunction with current place of residence, by individuals. In almost every case the birthplace of the individual was recorded by the enumerators. Data on parental birthplaces was reported with slightly less frequency, but still appear in 97 percent of the cases. In coding birthplaces, we followed the system developed for the 1900 PUMS, which was, in turn, based on the published reports of the Census Bureau for that year. Additional categories were created as needed.

While interpretation of the place of birth variable is generally straightforward, a few complications should be mentioned. Users should be aware that some persons born in what became West Virginia list Virginia as their birthplace if they were born before the state was divided during the Civil War. A similar problem exists in the Southwest, where persons born in what later became the United States often listed their place of birth as Mexico. Although it was recently unified, enumerators were instructed to indicate what part of Germany individuals were born in rather than to simply state that they were born in what had later become Germany. As a consequence, 43 codes were needed to accommodate German birthplaces.

VARIABLES RELATING TO HEALTH

The 1880 census included a unique question pertaining to health:

Is the person [on the day of Enumerator's visit], sick or temporarily disabled so as to be unable to attend to ordinary business or duties? If so, what is the sickness or disability?

Sickness Coding. The first two digits of the sickness variable designate the general category of illness, while the second two designate the specific illness within the category. In addition, there are five extra categories: Insane, Idiotic, Maimed, Blind, and Deaf. These are included to capture the extra detail which was sometimes provided for those variables. The general categories are as follows:

01 Infectious Disease	13 Diseases of the Skin and Adnexa
02 Chronic Disease	14 Diseases of the Skeletal System
03 Tuberculosis	15 Congenital Malformation
04 Venereal Disease	16 Diseases and Debility of Old Age
05 Cancer	17 General Debility
06 Diseases of the Nervous System	18 Ill-Defined Sicknesses
07 Diseases of the Circulatory System	21 Mental Disease, Insanity
08 Diseases of the Respiratory System	22 Mental Retardation, Idiocy
09 Diseases of the Digestive System	23 Traumatic Injury, Maimed
10 Diseases of the Genito-Urinary Tract	24 Vision Impairment, Blind
11 Conditions of the Puerperal State	25 Aural Impairment, Deaf
12 Illnesses Unique to Women	

Sickness Terminology. The terminology relating to sicknesses found in the census manuscripts presented a mixture of precision and vagueness. At the time the 1880 census was taken, bacteriology was a recent development. Nonetheless, many illnesses were readily identifiable through physical symptoms. Measles, for example, seem to have offered little difficulty in lay diagnostics, nor did malaria (referred to as malaria, ague, remittent fever, intermittent fever, or bilious fever), typhoid fever (typhoid, gastric fever or enteric fever), or diphtheria (diphtheria or croup).

Other seemingly precise diagnoses were not as well defined as one might imagine. Chronic nephritis was still commonly used to describe that which caused general or localized edema. "Chronic nephritis" includes, therefore, not only those cases so specified, but also "dropsy," "Bright's disease," and "gout," besides the spelling variations relating specifically to the kidney. Rheumatism and paralysis were still used as symptomatic descriptions of conditions rather than as clinical diagnoses. The designation of "rheumatism" appears to have included any condition which prohibited free movement, such as rheumatoid arthritis, coxalgia (scrofula, or tuberculosis of the joints) and syphilis, while "paralysis" included conditions which preclude movement or the control of movement, such as traumatic injury, stroke, metabolic disorders or syphilis.

Use of the Sickness Variable. Sickness rates for young children produced from the sample (the data were not tabulated for those under the age of 15 by the Census Office) are extraordinarily low. They should be treated with caution, keeping in mind the orientation of the sickness question itself.

Users should also keep in mind the limitations inherent in self-diagnosis as well as change in medical terminology and understanding of diseases. If, for example, one wished to study the rates for Black Lung Disease among miners, one would not only group together the general category of "Diseases of the Respiratory System," but also "Pulmonary Tuberculosis." Users should also keep in mind that the question is oriented toward ascertaining whether individuals were prevented from carrying out their normal activities due to sickness or disability. A difference, therefore, in morbidity rates between race categories does not necessarily indicate an absolute difference in the prevalence or incidence of disease. It could instead indicate a difference in the perception of illness, tolerance thereof, or the ability or necessity to keep on with one's activities in spite of it.

INSTITUTIONS

In 1880, census enumerators were instructed to supply names of institutions. The 1910 classification scheme was here adopted for use with the 1880 data because it best preserves detail while remaining compatible with later census years. A code for source of funding was also adopted from the 1910 classification scheme.

Classification of institutions was usually based on institution name. For example, the "Cleveland City Hospital" is clearly a hospital, and "St. Vincent's Orphan Asylum" is clearly an orphanage. Boarding houses could be identified through a combination of the name and the "Relationship to Head" variable.

By the same token, sources of funding were, in large part, identified through the name. Using the examples noted above, the hospital was classified as a publicly funded institution at the City/County level, while the orphanage was a religious organization. Monasteries and convents were classified as funded through religious organizations, while penal and military institutions were classified as publicly funded.

Institution names which did not lend themselves readily to such simple classification were checked through the census publication Institutions (1909), which provided such extensive information as size of the institution, date of foundation, and source of funding. Not all institutions in existence in 1880 were still operating in 1909, and some had changed their names in the interim. Nonetheless, 97% of institutions were successfully classified by type, and 86% have had source of funding inferred.

The institutions were divided into ten broad categories as follows:

- 01-09 Penal Institutions
- 10-19 Hospitals and other health care Facilities
- 20-29 Insane Asylums and Chronic Care Facilities
- 30-39 Rooming and Boarding Houses
- 40-49 Military Institutions
- 50-59 Schools
- 60-69 On-Site Workers' Quarters
- 70-79 Homes for the Destitute
- 80-89 Religious Institutions
- 90 Other Group Quarters

The codes for the funding variable INSTFUND are as follows:

- 1. Religious
- 2. Not currently used
- 3. Federal-level Public Funding
- 4. State-level Public Funding
- 5. City/County-level Public Funding
- 6. Public Funding, unspecified
- 7. Ethnic/Fraternal Organizations
- 8. Private Enterprise
- 9. Unknown .

In some cases, group quarters had no institutional title. In these instances, we inferred the type of group quarters by examining the fields on relationship, occupation, age, sex, and sickness.

REFERENCES

Coale, Ansley J. and Melvin Zelnik (1963). *New Estimates of Fertility and Population in the United States*. Princeton, NJ: Princeton University Press.

Coale, Ansley J. and N.W. Rives (1973). "A statistical reconstruction of the black population of the United States 1880-1970: Estimates of true numbers by age and sex, birth rates, and total fertility." *Population Index* 39:3-36.

Graham, Stephen N. (1980). *1900 Public Use Sample: User's Handbook*. Seattle: Center for Demography and Ecology, University of Washington.

Jelatis, Virginia (forthcoming), "Labor-Force Participation," in M. King, R. Menard and S. Ruggles, eds., *America at 1880: A View from the Census*.

Kish, Leslie (1965). *Survey Sampling*. New York: Wiley.

Knights, Peter R. (1991). "Potholes in the Road of Improvement? Estimating Census Underenumeration by Longitudinal Tracing: U.S. Censuses, 1850-1880." *Journal of Social History* 15: 517-526.

Sharpless, John B. and Ray M. Shortridge (1975). "Biased underenumeration in census manuscripts: methodological implications." *Journal of Urban History* 1:409-439.

Strong, Michael A., Samuel H. Preston, Ann R. Miller, Mark Hereward, Harold R. Lentzner, Jeffrey R. Seaman, Henry C. Williams (1989). *User's Guide: Public Use Sample, 1910 Census of Population*. Philadelphia: Population Studies Center, University of Pennsylvania.

U.S. Bureau of the Census (1916). *Special Reports of the 12th Census. Supplementary Analysis and Derivative Tables*. Washington, D.C.: U.S. Government Printing Office.

____ (1949). *Current Population Reports: Population Characteristics*. Washington, D.C.: U.S. Government Printing Office.

____ (1972). *Public Use Samples of Basic Records From the 1970 Census: Description and Technical Documentation*. Washington, D.C.: U.S. Government Printing Office.

____ 1982. *Public Use Samples of Basic Records From the 1980 Census: Description and Technical Documentation*. Washington, D.C.: U.S. Government Printing Office.

____ (1984a). *Census of Population, 1940: Public Use Sample Technical Documentation*. Washington, D.C.: U.S. Government Printing Office.

____ (1984b). *Census of Population, 1950: Public Use Sample Technical Documentation*. Washington, D.C.: U.S. Government Printing Office.

CENSUS QUESTIONS AND ENUMERATOR INSTRUCTIONS
from *The History and Growth of the United States Census*
Carroll Davidson Wright and William C. Hunt (1900)
Washington, D.C.: U.S. Government Printing Office.

CENSUS OF 1880.

SCHEDULE 1.--INHABITANTS in , in the County of , State of ,
enumerated by me on the day of June, 1880. , Enumerator.

Supervisor's district No. --; Enumeration district No.--.

In cities: Name of street; house number.

1. Dwelling houses numbered in order of visitation.
2. Families numbered in order of visitation.
3. The number of each person whose place of abode, on the 1st day of June 1880, was in this family.

Personal description:

4. Color--White, W; Black, B; Mulatto, Mu; Chinese, C; Indian, I.
5. Sex--Male, M; female, F.
6. Age at last birthday prior to June 1, 1880. If under 1 year, give months in fractions, thus: 3/12.
7. If born within the census year, give the month.
8. Relationship of each person to the head of this family--whether wife, son, daughter, servant, boarder, or other.

Civil Condition:

9. Single.
10. Married.
11. Widowed; divorced.
12. Married during census year.

Occupation:

13. Profession, occupation, or trade of each person, male or female.
14. Number of months this person has been unemployed during the census year.

Health:

15. Is the person (on the day of the enumerator's visit) sick or temporarily disabled, so as to be unable to attend to ordinary business or duties?
If so, what is the sickness or disability?
16. Blind.
17. Deaf and dumb.

- 18. Idiotic.
- 19. Insane.
- 20. Maimed, crippled, bedridden, or otherwise disabled.

Education:

- 21. Attended school within the census year.
- 22. Can not read.
- 23. Can not write.

Nativity:

- 24. Place of birth of this person, naming State or Territory of United States, or the country, if of foreign birth.
- 25. Place of birth of the father of this person, naming the State or Territory of United States, or the country, if of foreign birth.
- 26. Place of birth of the mother of this person, naming the State or Territory of United States, or the country, if of foreign birth.

Note A.--The census year begins June 1, 1879, and ends May 31, 1880.

Note B.--All persons will be included in the enumeration who were living on the first day of June, 1880. No others will. Children born since June 1, 1880, will be omitted. Members of families who have died since June 1, 1880, will be included.

Note C.--Questions Nos. 13, 14, 22, and 23 are not to be asked in respect to persons under 10 years of age.

Note D.--In making entries in columns 9, 10, 11, 12, 16, to 23 an affirmative mark only will be used--thus/, except in the case of divorced persons, column 11, when the letter "D" is to be used.

Note E.--Question No. 12 will only be asked in cases where an affirmative answer has been given either to question 10 or to question 11.

Note F.--Question No. 14 will only be asked in cases when a gainful occupation has been reported in column 13.

Note G.--In column 7 an abbreviation in the name of the month may be used as Jan., Apr., Dec.

INSTRUCTIONS TO ENUMERATORS.

Department of Interior, Census Office,
May 1, 1880.

Under the provisions of the act approved March 3, 1879, amended by the act approved April 20, 1880, a census of the population, wealth, and industry of the United States is to be taken on, or of the date, June 1, 1880. The period of enumeration is by law limited to the month of June, and in cities having 10,000 inhabitants and over, according to the census of 1870, is still further limited to the first two weeks of June.

One hundred and fifty supervisors of census have been, or will be, appointed; one or more for each State or Territory.

The supervisor of census is by law charged with the following duties:

First. To propose to the Superintendent of the Census the apportionment of his district into subdivisions most convenient for the purpose of enumeration. These subdivisions are not allowed by law to exceed 4,000 inhabitants, according to the census of 1870, and can be made as much smaller as the good of the service may require. Administratively, the census office has favored the plan of small subdivisions; and of the 15,000 subdivisions reported up to the present date, the average estimate of population is not in excess of 2,000. Generally speaking, each existing civil division, whether a town, township, military district, "beat," or precinct, has been constituted one or more enumeration districts. In comparatively few cases two townships or more, of small population, have been constituted one enumeration district. It is anticipated that the total number of enumeration districts for all the States and Territories will be closely in the neighborhood of 28,000.

Second. To designate to the census office suitable persons, and, with the consent of the superintendent, to employ such persons as enumerators--one for each subdivision. It is provided by law that enumerators shall be selected solely with reference to their fitness, and without regard to their political or party affiliations. Enumerators are required to be residents of their respective districts, with the following exception to wit: That "in case it should occur in any enumeration district that no person qualified to perform, and willing to undertake, the duties of enumerator resides in that district, the supervisor may appoint any fit person, resident in the county, to be an enumerator in that district."

Third. To transmit to enumerators the printed forms and schedules issued by the census office, in quantities suited to the requirements of each subdivision.

Fourth. To communicate to enumerators the necessary instructions and directions relating to their duties, and to the methods of conducting the census, and to advise with and counsel enumerators in person and by letter, as freely and fully as may be required.

Fifth. To provide for the early and safe transmission to his office of the returns of enumerators, embracing all the schedules filled by them in the course of the enumeration, and for the due receipt and custody of such returns ending their transmission to the census office.

Sixth. To examine and scrutinize the returns of enumerators, in order to ascertain whether the work has been performed in all respects in compliance with the provisions of law, and whether any town or village or integral portion of the district has been omitted from enumeration.

Seventh. To forward to the Superintendent of the Census the completed returns of his district in such time and manner as shall be prescribed by the said superintendent, and in the event of

discrepancies or deficiencies appearing in the returns from his district, to use all diligence in causing the same to be corrected or supplied.

Eighth. To make up and forward to the Superintendent of the Census the accounts required for ascertaining the amount of compensation due under the provisions of this act to each enumerator of his district.

Appointment of Enumerators.

Each enumerator will receive from the supervisor of his district a commission signed by said supervisor, and bearing the approval of the Superintendent of Census, authorizing him to perform all the duties and exercise all the functions of enumerator under the law. Upon the receipt of his commission (which should be promptly acknowledged to the supervisor on Form 7-333), the enumerator will proceed to take and execute the oath required by Section 7 of the act approved March 3, 1879, as amended by section 6 of the act approved April 20, 1880. A printed form of oath (7-174) will accompany each commission, upon which will be found full instructions relative to the taking and certifying of the same. Enumerators must strictly comply with the requirements therein contained.

The oath, duly filled, subscribed, and certified to, will then be forwarded to the supervisor, who will transmit the same to the census office. Enumerators should distinctly understand that, by accepting their commissions and qualifying thereunder, they bind themselves to carry the work on to completion, unless prevented by reasonable cause from doing so. They can not throw up the work from dissatisfaction or indolence.

Duties of Enumerators.

It is by law made the duty of each enumerator, after being duly qualified as above, to visit personally each dwelling in his subdivision, and each family therein, and each individual living out of a family in any place of abode, and by inquiry made to the head of such family, or of the member thereof deemed most credible and worthy of trust, or of such individual living out of a family, to obtain each and every item of information and all the particulars required by the act of March 3, 1879, as amended by act of April 20, 1880.

By individuals living out of families is meant all persons occupying lofts in public buildings, above stores, warehouses, factories, and stables, having no other usual place of abode; persons living solitary in cabins, huts, or tents; persons sleeping on river boats, canal boats, barges, etc., having no other usual place of abode, and persons in police stations having no homes. Of the classes just mentioned, the most important, numerically, is the first, viz: those persons, chiefly in cities, who occupy rooms in public buildings, or above stores, warehouses, factories and stables. In order to reach such persons, the enumerator will need not only to keep his eyes open to all indications of such casual residence in his enumeration district, but to make inquiry both of the parties occupying the business portion of such buildings and also of the police. A letter will be addressed from this office

to the mayor of every large city of the United States, requesting the cooperation of the police, so far as it may be necessary to prevent the omission of the classes of persons herein indicated.

It is further provided by law that in case no person shall be found at the usual place of abode of such family, or individual living out of a family, competent to answer the inquiries made in compliance with the requirements of the act, then it shall be lawful for the enumerator to obtain the required information, as nearly as may be practicable, from the family or families, or persons or persons, living nearest to such place of abode.

It is the prime object of the enumeration to obtain the name, and the requisite particulars as to personal description, of every person in the United States, of whatever age, sex, color, race, or condition, with this single exception, viz: that "Indians not taxed" shall be omitted from the enumeration.

Indians.

By the phrase "Indians not taxed" is meant Indians living on reservations under the care of Government agents, or roaming individually, or in bands, over settled tracts of country.

Indians, not in tribal relations, whether full-bloods or half-breeds, who are found mingled with the white population, residing in white families, engaged as servants or laborers, or living in huts or wigwams on the outskirts of towns or settlements are to be regarded as a part of the ordinary population of the country for the constitutional purpose of the apportionment of Representatives among the States, and are to be embraced in the enumeration.

Soldiers.

All soldiers of the United States Army, and civilian employees, and other residents at posts or on military reservations will be enumerated in the district in which they reside, equally with other elements of the population.

Courtesy on the Part of Enumerators.

It is the duty of an enumerator, in the exercise of his authority to visit houses and to interrogate members of families resident therein as provided by law, to use great courtesy and consideration. A rude, peremptory, or overbearing demeanor would not only be a wrong to the families visited, but would work an injury to the census by rendering the members of those families less disposed to give information with fullness and exactness. It would doubtless be found in the long run to be an injury to the enumerator himself and to retard his work.

By the above remark it is not intended to imply that the enumerator need enter into prolix explanations, or give time to anything beyond the strictly necessary work of interrogation. It is

entirely possible for the enumerator to be prompt, rapid, and decisive in announcing his object and his authority, and in going through the whole list of questions to be proposed, and at the same time not to arouse any antagonism or give any offense.

The Obligation to Give Information.

It is not within the choice of any inhabitant of the United States whether he shall or shall not communicate the information required by the census law. By the fourteenth section of the act approved March 2, 1879, it is provided:

"That each and every person more than twenty years of age, belonging to any family residing in any enumeration district, and in case of the absence of the heads and other members of any such family, then any agent of such family, shall be, and each of them thereby is, required, if thereto requested by the superintendent, supervisor, or enumerator, to render a true account, to the best of his or her knowledge, of every person belonging to such family in the various particulars required by law, and whoever shall willfully fail or refuse shall be guilty of a misdemeanor, and upon conviction thereof shall forfeit and pay a sum not exceeding one hundred dollars."

Enumerators will, however, do well not unnecessarily to obtrude the compulsory feature of the enumeration. It will be found in the vast majority of cases that the persons called upon to give information will do so without objection or delay. No people in the world are so favorably disposed toward the work of the census as the people of the United States. With the high degree of popular intelligence here existing, the importance of statistical information is very generally appreciated; and if the enumerator enters upon his work in a right spirit, he will generally meet with a favorable and even a cordial response.

It is only where information required by law is refused that penalties for non-compliance need be adverted to. The enumerator will then, quietly but firmly, point out the consequences of persistency in refusal. It will be instructive to note that at the census of 1870 the agents of the census in only two or three instances throughout the whole of the United States found it necessary to resort to the courts for the enforcement of the obligation to give information as required by the census act.

It is further to be noted that the enumerator is not required to accept answers which he knows, or has reason to believe, are false. He has a right to a true statement on every matter respecting which he is bound to inquire; and he is not concluded by a false statement. Should any person persist in making statements which are obviously erroneous, the enumerator should enter upon the schedule of facts as nearly as he can ascertain them by his own observation or by inquiry of credible persons.

The foregoing remark is of special importance with reference to the statements of the heads of families respecting afflicted members of their households. The law requires a return in the case of each blind, deaf and dumb, insane or idiotic, or crippled person. It not infrequently happens that fathers and mothers, especially the latter, are disposed to conceal, or even deny, the existence of such infirmities on the part of children. In such cases, if the fact is personally known to the enumerator,

or shall be ascertained by inquiry from neighbors, it should be entered on the schedules equally as if obtained from the head of the family.

A second class of cases under this head concerns the reporting of the values produced in agricultural or other occupations. The enumerator is not bound by any statement which he knows or has reason to believe to be false. His duty is to report the actual facts as nearly as he can ascertain them.

The enumerator is prohibited by law from delegating to any other person his authority to enter dwellings and to interrogate their inhabitants. The work of enumeration must be done by the enumerator in person, and can not be performed by proxy.

Care in Filling Schedules.

In making the entries, whether of names or figures, upon the schedules, enumerators should be careful to write clearly and neatly, without interlineations, erasures, or blots, inasmuch as no copy of the schedules is provided to be made by the existing census law, and the original schedules are to be returned to the census office at Washington for examination and compilation. Great care should also be exercised in making the entries upon the proper line and in the proper column. A little heedlessness in this respect will often produce the most serious confusion. The schedules to be used at the tenth census have been arranged to help the enumerator to find the proper place and column through the use of occasional heavy lines, both horizontal and vertical, by which the eye may be guided to find, easily and surely, the true place of entry.

The schedules, in number deemed sufficient for the enumeration, will be sent to enumerators in portfolios, designed to be used in the enumeration. So far as possible, the schedules should be kept habitually in the portfolios until the enumeration is finished, and then sent, in the portfolios, to the supervisor of the district. The portfolios will be cased in cotton sacks for greater security in transmission through the mails.

* * *

Schedule No. 1 [7-296].--Population.

Upon it is to be entered, as previously noted, the name of every man, woman, and child who, on the first day of June, 1880 shall have his or her "usual place of abode" within the enumerator's district. No child born between the 1st day of June, 1880, and the day of the enumerator's visit (say June 5 or 15 or 25) is to be entered upon the schedule. On the other hand, every person who was a resident of the district upon the 1st day of June, 1880, but between that date and the day of the enumerator's visit shall have died, should be entered on the schedule precisely as if still living. The object of the schedule is to obtain a list of the inhabitants on the 1st day of June, 1880, and all

changes after that date, whether in the nature of gain or loss, are to be disregarded in the enumeration.

DWELLING HOUSES.

In column No. 1 of this schedule is to be entered the number of the dwelling house in the order of visitation. A dwelling house, for the purpose of the census, means any building or place of abode, of whatever character, material or structure, in which any person is at the time living, whether in a room above a warehouse or factory, a loft above a stable or a wigwam on the outskirts of a settlement, equally with a dwelling house in the usual, ordinary sense of that term. Wholly uninhabited dwellings are not to be taken notice of.

FAMILIES.

In the column numbered 2 is to be entered the number, in the order of visitation, of each family residing in the district. The word family, for the purposes of the census, includes persons living alone, as previously described, equally with families in the ordinary sense of that term, and also all larger aggregations of people having only the tie of a common roof and table. A hotel, with all its inmates, constitutes but one family within the meaning of this term. A hospital, a prison, an asylum is equally a family for the purposes of the census. On the other hand, the solitary inmate of a cabin, a loft, or a room finished off above a store constitutes a family in the meaning of the census act. In the case, however, of tenement houses and of the so-called "fiats" of the great cities, as many families are to be recorded as there are separate tables.

NAMES.

In column numbered 3 is to be entered the name of every person whose "usual place of abode" on the 1st day of June, 1880, was in that family.

The census law furnishes no definition of the phrase, "usual place of abode," and it is difficult, under the American system of a protracted enumeration, to afford administrative directions which will wholly obviate the danger that some persons will be reported in two places and others not reported at all. Much must be left to the judgement of the enumerator, who can, if he will take the pains, in the great majority of instances satisfy himself as to the propriety of including or not including doubtful cases in his enumeration of any given family. In the case of boarders at hotels or students at schools or colleges, the enumerator can, by one or two well-directed inquiries, ascertain whether the person concerning whom the question may arise has, at the time, any other place of abode within another district at which he is likely to be reported. Seafaring men are to be reported at their land homes, no matter how long they may have been absent, if they are supposed to be still alive. Hence, sailors temporarily at a sailors' boarding or lodging house, if they acknowledge any other home within the United States, are not to be included in the family of the lodging or boarding house. Persons engaged in internal transportation, canal men, express men, railroad men, etc., if they habitually return to their homes in the intervals of their occupations, will be reported to their families, and not where they

may be temporarily staying on the 1st of June, 1880.

In entering names in column 3, the name of the father, mother, or other ostensible head of the family (in the case of hotels, jails, etc., the landlord, jailer, etc.) is to be entered first of the family. The family name is to be written first in the column, and the full first or characteristic Christian or "given" name of each member of the family in order thereafter. It is desirable that the children of the family proper should follow in the order of their ages, as will naturally be the case. So long as the family name remains the same for the several members, it need not be repeated, provided a distinct horizontal line or dash be drawn in the place it would occupy, thus:

Smith, John.
____, Elizabeth.
____, J. Henry.

PERSONAL DESCRIPTION.

The columns 4, 5, and 6, which relate to age, sex, and color, must in every case be filled. No return will be accepted where these spaces are left blank.

Ages.-The exact age in figures will be inserted in column 6 whenever the same can be obtained; otherwise, the nearest approximation thereto. Children who, on the 1st day of June, 1880, were less than a year old, will have their age stated by the fractional part of the year, as (one month), 1/12; (three months), 3/12; (nine months), 9/12, etc. In all other cases months will be omitted.

Color.-It must not be assumed that, where nothing is written in this column, "white" is to be understood. The column is always to be filled. Be particularly careful in reporting the class mulatto. The word is here generic, and includes quadroons, octoroons, and all persons having any perceptible trace of African blood. Important scientific results depend upon the correct determination of this class in schedules 1 and 5.

OCCUPATION.

In the column numbered 13 is to be reported the occupation of each person 10 years of age and upward.

Occupation.-The inquiry "profession, occupation, or trade," is one of the most important questions of the schedule. Make a study of it. Take especial pains to avoid unmeaning terms, or such as are too general to convey a definite idea of the occupation. Call no man a "factory hand," or a "mill operative." State the kind of a mill or factory. The better form of expression would be, "Works in a cotton mill," "Works in paper mill," etc. Do not call a man a "shoemaker," "bootmaker," unless he makes the entire boot or shoe in a small shop. If he works in (or for) a boot or shoe factory, say so.

Do not apply the word "jeweler" to those who make watches, watch chains, or jewelry in large

manufacturing establishments.

Call no man a "commissioner," a "collector," an "agent," an "artist," an "overseer," a "professor," a "treasurer," a "contractor," or a "speculator," without further explanation.

When boys are entered as apprentices, state the trade they are apprenticed to, as "apprenticed to carpenter," "apothecary's apprentice." Students or scholars should be reported under those names.

When a lawyer, a merchant, a manufacturer, has retired from practice or business, say "retired lawyer," "retired merchant," etc. Distinguish between fire and life insurance agents.

When clerks are returned, describe them as "clerk in store," "clerk in woolen mill," "R.R. clerk," "bank clerk," etc.

Describe no man as a "mechanic," if it is possible to describe him more accurately.

Distinguish between stone masons and brick masons.

Do not call a bonnet maker a bonnet manufacturer, a lace maker a lace manufacturer, a chocolate maker a chocolate manufacturer. Reserve the term "manufacturer" for proprietors of establishments; always give the branch of manufacture, as cotton manufacturer, woolen manufacturer, etc.

Whenever merchants or traders can be reported under a single word expressive of their special line, as "grocer," it should be done. Otherwise say dry goods merchant, coal dealer, etc.

Use the word "huckster" in all cases where it applies.

Be very particular to distinguish between farmers and farm laborers.

In agricultural regions this should be one of the points to which the enumerator should especially direct his attention.

Confine the use of the words "glover," "hatter," and "furrier," to those who actual make, or make up, in their own establishments, all, or a part, of the gloves and hats or furs which they sell. Those who only sell these articles should be characterized as "glove dealer," "hat and cap dealer," "fur dealer."

Judges (state whether Federal or state, whether probate, police, or otherwise) may be assumed to be lawyers, and that addition, therefore, need not be given; but all other officials should have their profession designated, if they have any, as "retired" merchant, governor of Massachusetts, "paper manufacturer, representative in legislature." If anything is to be omitted, leave out the office and put in the occupation.

The organization of domestic service has not proceeded so far in this country as to render it worth while to make distinctions in the character of work. Report all as "domestic servants."

Cooks, waiters, etc, in hotels and restaurants will be reported separately from domestic servants, as "cook in hotel," etc.

The term "housekeeper" will be reserved for such persons as receive distinct wages or salary for the service. Women keeping house for their own families or for themselves, without any other gainful occupation, will be entered as "keeping house." Grown daughters assisting them will be reported without occupation.

You are under no obligation to give any man's occupation just as he expresses it. If he can not tell intelligibly what it is, find out what he does and characterize his profession accordingly.

The inquiry as to occupation will not be asked in respect to infants or children too young to take any part in production. Neither will the doing of domestic errands or family chores out of school be

considered an occupation. "At home" or "attending school" will be the best entry in a majority of cases. But if a boy or girl, whatever the age, or earning money regularly by labor, contributing to the family support, or appreciably assisting in mechanical or agricultural industry, the occupation should be stated.

PLACE OF BIRTH.

In column numbered 24 is to be reported the "Place of birth" of every person named upon the schedule. If born within the United States the State or Territory will be named, whether it be the State or Territory in which the person is at present residing or not. If of foreign birth, the country will be named as specifically as possible. Instead of writing "Great Britain" as the place of birth, give the particular country, as England, Scotland, Wales. Instead of "Germany" specify the State, as Prussia, Baden, Bavaria, Wurtemberg, Hesse-Darmstadt, etc.

CIVIL DIVISIONS.

In filling schedule 1 the enumerator should begin each township (if there be more than one in a district), borough, etc., with a new page. The population of villages within townships should be carefully distinguished on the schedules. The population of such a village should, in all cases, begin with a new page; and when the inhabitants of a village have all been entered the remainder of the page should be left blank, except with the remark "Here ends the village of _____."

So far as possible the population of small unincorporated villages and hamlets should be separately reported, as in the cases of incorporated villages and boroughs.

Wherever an institution is to be enumerated, as a hospital, an asylum, an alms-house, a jail, or a penitentiary, the enumerator will leave three lines blank, and enter the name of the institution (as "St. Mary's Hospital," "Protestant Orphan Asylum," "Insane Asylum," "City jail," etc.) above the names and the inmates. All persons having their "usual place of abode" in such institutions, whether officers, attendants, beneficiaries, or persons in confinement, should then be entered consecutively on the schedules, and at the close of the list another space of three lines should be left blank.

NUMBERING PAGES.

Each enumerator will number the pages of his population schedules in exact order as filled, and when filled: the first page (A) of the first sheet must be numbered 1; the second page of that sheet (B) 2, the third page (C) 3, the fourth page (D) 4, the first page of the second sheet 5, the first page of the third sheet 9, and so on throughout his entire subdivision.

The enumerator should never place one sheet with another, but fill always the four pages of one sheet (in the order of the letters A, B, C, D) before making any entries on the next sheet.

STREETS AND STREET NUMBERS IN CITIES.

The first two columns (not numbered in series) on the population schedule require the entry, in cities, of the street and street number of each occupied dwelling house. The name of the street should be written lengthwise of the space.

VARIABLE DESCRIPTIONS

HOUSEHOLD RECORDS

This section provides a brief description of the principal variables in the sample. Further details on most variables can be found in the codebook section that follows and in the enumerator instructions which are reproduced on pages 30-40 and in the index. The classification schemes and frequency distributions for each variable are given in the codebook.

H1 RECTYPE - Record type (p. 59)

Indicates whether a record is a household record or a person record. Household records are type H, and person records are type P.

H2-6 DWSEQ - Dwelling sequence number (p. 59)

Sequence number of each dwelling in the dataset. Each dwelling has a unique DWSEQ, but separate households within dwellings share the same DWSEQ.

H7 HHSEQ - Sequence of household in dwelling (p. 59)

Sequence number of each household in the dwelling. This variable is always equal to 1 except when the sample includes more than one household from a dwelling (that is, for multihousehold dwellings sampled under rule 1). HHSEQ can be combined with DWSEQ to create a unique identifier for each household in the sample.

H8-9 PERSONS - number of person records in the household (p. 59)

Number of person records following the household record. For cases sampled under rules 1 or 2, this variable is equivalent to HHSIZE; otherwise, it is a machine count of the number of person records in the sample unit taken.

H10 SAMPUNIT - Sample unit (p. 60)

Identifies the sampling rule used for each case. Under the sampling procedures described in the "Sample Design" section (pp. 5-7 above), cases may be taken as dwellings, households, related groups, or individuals. Category 1 identifies households where the entire dwelling is included in the sample; if the household is located in a multi-household dwelling, the other households in the dwelling will appear adjacently. Category 2 identifies households within large multi-household dwellings. Category 3 identifies households taken in districts where dwelling information was missing. Categories 4, 5, and 6 identify related groups in group quarters and individuals in group quarters; these cases should be omitted for analysis of households or household characteristics.

The final SAMPUNIT category, "Fragment," denotes parts of households that were initially missed by enumerators and later entered on the census forms at the end of the enumeration district. It was not feasible to locate the correct household to which these people belonged. To ensure that each enumerated individual had a 1-in-100 chance of inclusion in the sample, we treated these cases as if they were residents of group quarters. Thus, fragments with no obviously related adjacent kin were included only if the sample point fell on their line; fragments consisting of a group of kin were included only if the sample line fell on the first individual in the

group.

H11-14 DWSIZE - Dwelling size (p. 61)

Number of persons in the entire dwelling. If the entire dwelling was taken (sampling rule 1), this is based on a machine count. If only one household was taken from a large multihousehold dwelling, or the case was sampled as group quarters, (rules 2 through 4), DWSIZE is based on a hand count by the data-entry operator. A missing value indicates that dwelling numbers were omitted by the enumerator.

H15-16 NUMHH - Number of households in dwelling (p. 61)

In cases sampled as entire dwellings (sampling rule 1), this is based on a machine count. In cases sampled as households or group quarters (sampling rules 2 through 4) NUMHH is based on a hand count by the data-entry operator. A missing value indicates that dwelling numbers were omitted by the enumerator.

H17-18 SEQHH - Sequence in dwelling of first family taken (p. 61)

If the entire dwelling is included in the sample (sampling rule 1), SEQHH takes a value of 1. Under sampling rules 2 through 4, SEQHH indicates the order of the household within the dwelling. For example, if a single household is taken from a large multi-household dwelling, SEQHH indicates whether the household is the first household listed in the dwelling, the second, and so on.

H19-22 HHSIZE - Household size (p. 61)

Number of persons in the entire household. When the case is sampled as a dwelling or household (sampling rules 1 or 2), HHSIZE is based on a machine count. In cases sampled as group quarters (rules 3 or 4), HHSIZE is based on a hand count by the data-entry operator. A missing value indicates that dwelling numbers were omitted by the enumerator or that the unit is a fragment.

H23-24 DWTAKE - Number of persons taken in the dwelling (p. 61)

Number of person records included in the sample from the current dwelling, across all households taken in the dwelling. When the entire dwelling is included (sampling rule 1), DWTAKE is the same as DWSIZE.

H25-29 CITYPOP - City population (p. 62)

Population in hundreds, specified for all incorporated places and New England townships. Persons outside of incorporated places receive a value of 0 for CITYPOP. In New England there are relatively few incorporated places; townships usually assume the functions of municipal governments. New England townships, however, are not precisely comparable to incorporated places elsewhere. Persons whose residence was listed as a township outside New England were categorized as residents of unincorporated places.

H30-31 CITYRANK - City rank (p. 62)

Indicates residence in one of the 98 largest cities in 1880, by rank order of the cities. Persons residing in smaller cities and rural areas receive a code of 99.

H32-35 COUNTY - County of Enumeration (p. 65)

County codes based on the ICPSR system. These allow easy linking with the ICPSR county data tape for those

who want to add county-level variables. Some persons residing in territories had no county and were assigned a county code of 9999.

H36-37 STATEICP - State of Enumeration (ICPSR system) (p. 65)

There are two variables showing state or territory of enumeration. The first, STATEICP, uses the coding scheme of the Inter-University Consortium for Political and Social research, and allows easy merging of the 1880 PUMS with ICPSR data files. Territories are assigned the codes for the state they eventually became, except Dakota Territory which was assigned the code for South Dakota

H38-H39 STATECENS - State of Enumeration (Census Bureau system) (p. 66)

Identifies the state of residence within a geographical region using 1980 Census Bureau codes. Territories are assigned the codes for the state they eventually became, except Dakota Territory which was assigned a new code.

H40 REGION - Census Region (p. 67)

Identifies 1980 census regions. Residents of territories are classified according to the census region that they eventually joined.

There are six regions--New England, Northeast, Midwest, Southeast, South Central, West, and Pacific.

New England: Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island.

Northeast: New York, New Jersey, Pennsylvania.

Midwest: Ohio, Indiana, Michigan, Illinois, Wisconsin, Iowa, Minnesota.

Southeast: Delaware, Maryland, Virginia, District of Columbia, West Virginia, North Carolina, South Carolina, Georgia, Florida.

South Central: Alabama, Mississippi, Louisiana, Texas, Kentucky, Tennessee, Missouri.

West: Dakota Territory, Nebraska, Kansas, Arkansas, Wyoming Territory, Montana Territory, Idaho Territory, Colorado, Utah Territory, Nevada, New Mexico Territory, Arizona Territory.

Pacific: Washington Territory, Oregon, California.

H41-42 INSTCODE - Institution type (p. 68)

This classification of institutions generally follows the system devised for the 1910 PUMS. The first digit identifies one of nine general group quarters categories (correctional institutions, health-related, homes for dependents, etc.) and the second digit gives a more detailed breakdown. For discussion of the classification scheme, see the section on "Institutions," p. 31 above.

H43 INSTFUND - Institution funding code (p. 69)

Indicates the mode of support or institutional affiliation where that could be determined. Like INSTCODE, this variable follows the system developed for the 1910 PUMS. For more information, see the section on "Institutions," p. 31 above.

H44-46 SUPDIST - Supervisor's district number (p. 69)

H47-50 ENUMDIST - Enumeration district number (p. 69)

Supervisor's district and enumeration district numbers are recorded at the upper left-hand corner of the census page. They are often helpful in locating in locating PUMS cases on the original schedules.

H51-52 ENUMMO - Month of enumeration (p. 70)

Month of 1880 that the enumerator began to gather information for the census page containing the case.

Enumeration began on June 1, 1880, and 98 percent of the cases were enumerated before the end of June, but a few people were not enumerated until September.

H53-54 ENUMDAY - Day of enumeration (p. 70)

Day of the month that the enumerator began to gather the information on the census page.

H55 ENUMDUR - Duration of enumeration (p. 71)

Length of time, in days, that it took the enumerator to record the cases on the census page. Almost 90% of census pages were completed in a day, but in some rural districts it took over a week to gather enough names to fill up the sheet.

H56-57 RCVMO - Month of receipt (p. 71)

Month of 1880 in which the census form was received at the census office in Washington. This information is stamped at the top of each census page.

H58-59 RCVDAY - Day of receipt (p. 72)

Day of the month that the census form was received at the Census Office in Washington.

H60-63 REEL - Microfilm reel number (p. 72)

Identifies the microfilm reel from which the case was taken, using the National Archive's numbering system for reels.

H64-66 PAGENO - Microfilm page number (p. 73)

These page numbers were stamped on the census pages before microfilming.

H67 SIDE - Side of form (p. 73)

Each enumeration page had two sides, and only the front was stamped with a page number. This variable indicates if the case was drawn from the front (side A) of the form or the back (side B). This can be useful in locating PUMS cases on the original schedules.

H68-69 LINENO - Line number (p. 73)

Identifies the line number on the enumeration form of the randomly selected sample point (see section on "Sample Design," pp. 5-7 above).

H70-73 DWNUM - Dwelling number (p. 74)

Dwelling number appears in the first column of the census form, and is our principal means of establishing where one dwelling ends and the next one begins. Some enumerators omitted dwelling numbers, and these cases

were assigned a DWNUM of zero.

H74-77 HHNUM - Household number (p. 74)

Household number appears in the second column of the census form, and is used together with RELATE to determine breaks between households. Some enumerators omitted dwelling numbers, and these cases were assigned a DWNUM of zero. There are two data quality flags for HHNUM. QHHNUM on the household record indicates cases in which the enumerator clearly put a new household number on the wrong line; these errors were edited by hand. QHHNUM on the person record indicates cases in which we suppressed household numbers because they contradicted the relationship field. For example, in a household consisting of a head, wife, daughter, son-in-law, and grandchild, we would suppress a second household number if it fell on the son in-law or daughter. Users who want to rely entirely on household numbers to determine the breaks between households within dwellings should treat each person with a QHHNUM of 1 on the person record as the starting point of a new household.

H78-79 QDWNUM, QHHNUM - Household record data quality flags (p. 75)

See the variable descriptions for the individual variable

H80 VERIFY - Verification flag (p. 75).

Identifies cases subject to reentry verification.

H81-112 STREET - Street address (p. 75)

Addresses appear in alphabetic format, entered exactly as written. Problems of illegibility are indicated by question marks representing the illegible characters. In general, addresses were given only for persons residing in cities.

PERSON RECORDS

P1 RECTYPE - Record type (p. 76)

See H1 (p. 46).

P2-6 DWSEQ - Dwelling sequence number (p. 76)

See H2-6 (p. 46).

P7 HHSEQ - Sequence of household in dwelling (p. 76)

See H7 (p. 46).

P8-9 PERSEQ - Person sequence number (p. 76)

Sequence number of each person in a household. This variable can be combined with DWSEQ and HHSEQ to create a unique identifier for every individual in the sample.

P10 RACE - Race (p. 77)

The 1880 census distinguished Whites, Blacks, Mulattos, Chinese, and Indians. The enumerator instructions placed emphasis on the careful reporting of the Mulatto category, stating that "important scientific results

depend upon the correct determination of this class." The results of the inquiry, however, were never published. The quality flag QRACE indicates cases in which the census office edited the variable.

P11 SEX - Sex (p. 77)

Missing or inconsistent information on sex could almost always be inferred from information in the first name and relationship fields. Such changes are noted in the QSEX data quality flag.

P12-14 AGE - Age in years (p. 78)

P15-16 AGEMO - Age in months (p. 80)

Enumerators were instructed to note age in months for persons under one year old. We have separated the fields, so that ages of infants appear as zero in the AGE field and as a number of months in the AGEMO field. For persons aged one or over, AGEMO is set to zero.

P17-18 MONTH - Month of birth (p. 81)

Available only for persons under one year of age.

P19-20 RELCLASS - General relationship code (p. 81)

This classification is compatible with the relationship classifications of the 1960-1970 Public Use Samples. It is a simple recode of variable REL.

P21-23 REL - Detailed relationship code (p. 82)

This classification is based on that used in the 1900 Public Use Microdata Sample, but several new categories have been added. For further information, see the discussion of this problem in the "Sample Design" section above (pp. 5-7) and under the HHNUM variable description (p. 50). Many blank relationship codes were inferred on the basis of other information in the record. In addition, some enumerators described relationships to the previous person in the household instead of to the household head, and these codes were corrected. Such changes are noted in the quality flag QREL.

P24 MARST - Marital status (p. 84)

Children under 15 were assumed to be single if not otherwise specified. In addition, a status of married was sometimes inferred on the basis of family relationships. Alterations of marital status are noted in the quality flag QMARST.

P25 MWITHIN - Married within census year (p. 84)

Indicates persons married within the census year, from May 31, 1879 to June 1, 1880. The low frequency of cases suggests this variable was seriously underreported.

P26-28 OCC1880 - Occupational classification, 1880 system (p. 84)

The 1880 Census occupational classification scheme divided the working population into 265 detailed categories. The first six subsamples contained about 9,500 variant occupational listings, and these were allocated to the 1880 categories with the aid of a variety of occupational dictionaries and census technical papers from later years. In general, we attempted to follow the 1880 procedures for classifying occupations. We have added

codes in the range 301 to 306 to capture non-occupational responses. Two of these categories, "Keeping house" and "Capitalist," could be considered to be occupations, but they do not fit into the 1880 system. Alterations of occupations based on household context are identified as "logical edits" in the QOCC data quality flag. For further information, see the section above on "Occupations," pp. 24-29.

P29-31 OCC1950 - Occupational classification, 1950 system (p. 92)

The 1950 Census Bureau occupational classification system is the easiest one to approximate across different public use microdata samples. Users who are more interested in socioeconomic status than in economic sector will generally find the 1950 classification more useful than the 1880 classification. For further information, see the section above on "Occupations," pp. 24-29.

P32-35 DETOCC - Detailed occupational code (p. 99)

The detailed occupation codes are addenda to the 1950 classification, extending the occupation codes from three to seven digits if read as a single field (P29-35). The first three digits provide the 1950 occupation code and the last four distinguish specific job titles while removing spelling variations. For further information, see the section above on "Occupations," pp. 24-29.

P36-37 UNEMP - Months unemployed during the past year (p. 99)

This question was to be asked only of persons 10 years old and older. We therefore altered the field to missing for children under ten. Persons under 10 with unemployment listed in the original data are identified on the quality flag QUNEMP as "Machine edited." Persons ten years old and older with a QUNEMP value of 2 were cases in which the enumerator reported the UNEMP variable backwards, by giving the months employed instead of the months unemployed. We edited these cases by subtracting UNEMP from 12. Some enumerators failed to report this variable at all.

P38-41 SICKNESS - Sickness on day of enumeration (p. 100)

P42 BLIND - (p. 103) The population schedule included a separate column for the condition of blind. The space was to be checked if the condition was true of the individual and left blank if it was not. In some instances, enumerators added details of the condition in the sickness column, although there were no directions to do so. The 1880 data have been corrected in cases where the blind column was left blank (implying that it was not applicable) but where some form of, or reference to, blindness was written into the sickness column. All individual records of those designated as blind can be selected strictly by means of the dichotomous blind variable. Additional information may be available regarding the condition in the sickness variable.

P43 DEAF - (p. 103) The 1880 census included a separate column for the condition of deaf and dumb. The space was to be checked if the condition was true of the individual and left blank if it was not. In some instances, enumerators added details of the condition in the sickness column, although there were no directions to do so. The 1880 data have been corrected in cases where the deaf column was left blank (implying that it was not applicable) but where some form of, or reference to, deafness was written into the sickness column. All individual records of those designated as deaf can be selected strictly by means of the dichotomous deaf variable. Additional information may be available regarding the condition in the sickness variable.

P44 IDIOTIC - (p. 103) The population schedule included a separate column for the condition of idiocy. The space was to be checked if the condition was true of the individual and left blank if it was not. In some instances, enumerators added details of the condition in the sickness column, although there were no directions to do so. The 1880 data have been corrected in cases where the idiocy column was left blank (implying that it was not applicable) but where some form of, or reference to, idiocy was written into the sickness column. All individual records of those designated as idiotic can be selected strictly by means of the dichotomous idiocy variable. Additional information may be available regarding the condition in the sickness variable.

P45 INSANE - (p. 104) The population schedule included a separate column for the condition of insanity. The space was to be checked if the condition was true of the individual and left blank if it was not. In some instances, enumerators added details of the condition in the sickness column, although there were no directions to do so. The 1880 data have been corrected in cases where the insanity column was left blank (implying that it was not applicable) but where some form of, or reference to, insanity was written into the sickness column. All individual records of those designated as insane can be selected strictly by means of the dichotomous insane variable. Additional information may be available regarding the condition in the sickness variable.

P46 MAIMED - (p. 104) The 1880 census included a separate column for the condition of maimed. The space was to be checked if the condition was true of the individual and left blank if it was not. In many instances, enumerators added details of the condition in the sickness column, although there were no directions to do so. The 1880 data have been corrected in cases where the maimed column was left blank (implying that it was not applicable) but where some form of, or reference to, maimed was written into the sickness column. All individual records of those designated as maimed can be selected strictly by means of the dichotomous maimed variable. Additional information may be available regarding the condition in the sickness variable.

P47 SCHOOL - School attendance within census year (p. 104)

Some enumerators failed to indicate school attendance in the SCHOOL column, but noted it in the occupation column. In such cases, we altered the SCHOOL record, as indicated in QSCHOOL.

P48 LIT - Literacy (p. 104)

In the original schedule, this variable appeared under two headings, "can not read" and "can not write," but we have combined them into a single four-category field. This question was to be asked only of persons 10 years old and older. We therefore altered the field to missing for such children. Persons 10 or older with a "value reversed" edit reported in QLIT are cases in which the enumerator reported literacy backwards, by indicating persons who were literate instead of persons who were illiterate; such cases were modified whenever the reversal was unambiguous, such as purportedly illiterate school teachers.

P49-51 BPL, P52-54 FBPL, P55-57 MBPL - Birthplace and parental birthplaces (pp. 105-112)

The birthplace classifications are based on those in the 1900 public use microdata sample, but several categories have been added. Most importantly, we have substituted specific country names for the catchall category of "Germany" employed for 1900; these appear in the range 301 to 343. There are frequent inconsistencies between parental birthplaces of children and the birthplaces of childrens' parents. In some cases, these apparent inconsistencies occur because the children are really stepchildren or adopted children, but they also sometimes represent enumerator error. In the present version of the sample, we have not altered these fields because of

inconsistency. For further information, see the section on "Geographic Coding," p. 21 above and "Birthplace Coding" p. 30 above.

P58-59 NFAM - Number of own family members in household (p. 116)

A count of the individual's own kin within the household. It provides information for secondary family members and residents of group quarters as well as for primary family members. For more information, see the section on "Family Interrelationships," pp. 12-21 above.

P60 NCHILD - Number of own children in household (p. 116)

A count of the individual's own children, with no age restrictions. For further information, see the section on "Family Interrelationships," pp. 12-21 above.

P61 NCHLT5 - Number of own children under age 5 in household (p. 117)

A count of the individual's own children under age five in the household: this variable is intended primarily to aid in fertility analysis. For further information, see the section on "Family Interrelationships," pp. 12-21 above.

P62-63 ELDCH - Age of eldest own child (p. 117)

Age of the eldest coresident own child of the individual. For further information, see the section on "Family Interrelationships," pp. 12-21 above.

P64-65 YNGCH - Age of youngest own child (p. 117)

Age of the youngest coresident own child of the individual. For further information, see the section on "Family Interrelationships," pp. 12-21 above.

P66-67 MOMLOC - Position in household of own mother (p. 118)

A pointer to the location of the individual's own mother within the household, expressed in terms of the mother's PERSEQ. This variable is useful for the more sophisticated forms of own-child fertility analysis and for attaching parental characteristics to individuals. For further information, see the section on "Family Interrelationships," pp. 12-21 above.

P68 MOMRULE - The specific rule used for linking the individual's own mother is described by MOMRULE (p. 118). For further information, see the section on "Family Interrelationships," pp. 12-21 above.

P69-70 POPLOC - Position in household of own father (p. 119)

A pointer to the location of the individual's own father within the household, expressed in terms of the father's PERSEQ. For further information, see the section on "Family Interrelationships," pp. 12-21 above.

P71 POPRULE - The specific rule used for linking the individual's own father is described by POPRULE (p. 119). For further information, see the section on "Family Interrelationships," pp. 12-21 above.

P72-73 SPLOC - Position in household of own spouse (p. 120)

A pointer to the location of the individual's own spouse within the household, expressed in terms of the spouse's

PERSEQ. This variable is useful for attaching and analyzing spouse's characteristics. For further information, see the section on "Family Interrelationships," pp. 12-21 above.

P74 SPRULE - The specific rule used for linking the individual's own spouse is described by SPRULE (p. 120).

P75 QGENERAL - General data quality flag (p. 121)

Persons who had died by the census date were crossed out or indicated by the comment "Dead" on the census form. We entered such individuals anyway, and they are marked by the general data quality flag.

P76-P90 - Data quality flags (pp. 121-124)

Data quality flags for specific person-record variables: see the variable description of the particular variable.

P91 QHHNUM - Data quality flag (p. 124)

Data quality for household number: see H74-77 HHNUM (p. 50).

P92-106 LNAME, P107-125 FNAME - Last name and first name (p. 124)

Names appear in alphabetic format, entered exactly as written. Problems of illegibility are indicated by question marks representing the illegible characters. The "value reversed" edits indicated by QLNAME and QFNAME are cases in which the first and last names were given in the wrong order; in such cases, the two variables were reversed so that they appear in the correct field.

VARIABLE GUIDE

<u>Column Location</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Codebook PageNo.</u>
H1	RECTYPE	Record type: Households (H)	59
H2-6	✓ DWSEQ	Dwelling Sequence Number	59
H7	✓ HHSEQ	Sequence of Household in Dwelling	59
H8-9	✓ PERSONS	Number of Person Records in Household	59
H10	SAMPUNIT	Sample Unit	60
H11-14	DWSIZE	Dwelling Size	61
H15-16	-- NUMHH	Number of Households in Dwelling	61
H17-18	SEQHH	Sequence in Dwelling of First Family Taken	61
H19-22	✓ HHSIZE	Household Size	61
H23-24	--- DWTAKE	Number of Persons Taken in Dwelling	61
H25-29	CITYPOP	City Population	62
H30-31	CITYRANK	City Rank	62
H32-35	COUNTY	County of Enumeration	65
H36-37	✓ STATEICP	State of Enumeration (ICPSR system)	65
H38-39	✓ STATECENS	State of Enumeration (Census Bureau system)	66
H40	✓ REGION	Census Region	67
H41-42	INSTCODE	Institution Type	68
H43	INSTFUND	Institution Funding Code	69
H44-46	SUPDIST	Supervisor's District Number	69
H47-50	ENUMDIST	Enumeration District Number	69
H51-52	ENUMMO	Month of Enumeration	70
H53-54	ENUMDAY	Day of Enumeration	70
H55	ENUMDUR	Duration of Enumeration	71
H56-57	RCVMO	Month of Receipt	71
H58-59	RCVDAY	Day of Receipt	72
H60-63	REEL	Microfilm Reel Number	72
H64-66	PAGENO	Microfilm Page Number	73
H67	SIDE	Side of Form	73
H68-69	✓ LINENO	Line Number	73
H70-73	✓ DWNUM	Dwelling Number	74
H74-77	✓ HHNUM	Household Number	74
H78	QDWNUM	Data Quality Flag for DWNUM	75
H79	✓ QHHNUM	Data Quality Flag for HHNUM	75
H80	✓ VERIFY	Verification Flag	75
H81-112	STREET	Street Address	75

<u>Column Location</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Codebook PageNo.</u>
P1	RECTYPE	Record Type: Person (P)	76
P2-6	DWSEQ	Dwelling Sequence Number	76
P7	HHSEQ	Sequence of Household in Dwelling	76
P8-9	✓PERSEQ	Sequence of Person in Household	76
P10	RACE	Race	77
P11	✓SEX	Sex	77
P12-14	✓AGE	Age in Years	78
P15-16	✓AGEMO	Age in Months	80
P17-18	✓MONTH	Month of Birth	81
P19-20	RELCLASS	General Relationship Code	81
P21-23	REL	Detailed Relationship Code	82
P24	✓MARST	Marital Status	84
P25	✓MWITHIN	Married Within Census Year	84
P26-28	✓OCC1880	Occupation, 1880 System	84
P29-31	✓OCC1950	Occupation, 1950 System	92
P32-35	✓DETOCC	Detailed occupation	99
P36-37	UNEMP	Months Unemployed in Past Year	99
P38-41	SICKNESS	Sickness on Day of Enumeration	100
P42	✓BLIND	Blind	103
P43	✓DEAF	Deaf and Dumb	103
P44	✓IDIOTIC	Idiotic—	103
P45	INSANE	Insane	104
P46	MAIMED	Maimed, Crippled, Bedridden or Otherwise Disabled	104
P47	✓SCHOOL	Attended School Within Census Year	104
P48	✓LIT	Literacy	104
P49-51	✓BPL	Birthplace	105
P52-54	✓FBPL	Father's Birthplace	108
P55-57	✓MBPL	Mother's Birthplace	112
P58-59	NFAM	Number of Own Family Members in Household	116
P60	✓NCHILD	Number of Own Children in Household	116
P61	NCHLT5	Number of Own Children Under Age 5 in Household	117
P62-63	ELDCH	Age of Eldest Own Child	117
P64-65	YNGCH	Age of Youngest Own Child	117
P66-67	✓MOMLOC	Position in Household of Own Mother	118
P68	✓MOMRULE	Rule for Linking Mother	118
P69-70	✓POPLOC	Position in Household of Own Father	119
P71	POPRULE	Rule for Linking Father	119
P72-73	✓SPLOC	Position in Household of Own Spouse	120
P74	SPRULE	Rule for Linking Spouse	120
P75	QGENERAL	Data Quality Flag for Person Record	121

<u>Column Location</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Codebook PageNo.</u>
P76	QRACE	Data Quality Flag for RACE	121
P77	QSEX	Data Quality Flag for SEX	121
P78	QAGE	Data Quality Flag for AGE	121
P79	QREL	Data Quality Flag for REL	121
P80	QMARST	Data Quality Flag for MARST	122
P81	QWITHIN	Data Quality Flag for MWITHIN	122
P82	✓QOCC	Data Quality Flag for OCC	122
P83	QUNEMP	Data Quality Flag for UNEMP	122
P84	QSCHOOL	Data Quality Flag for SCHOOL	122
P85	QLIT	Data Quality Flag for LIT	123
P86	QBPL	Data Quality Flag for BPL	123
P87	QFBPL	Data Quality Flag for FBPL	123
P88	QMBPL	Data Quality Flag for MBPL	123
P89	QLNAME	Data Quality Flag for LNAME	123
P90	QFNAME	Data Quality Flag for FNAME	124
P91	QHHNUM	Data Quality Flag for HHNUM	124
P92-107	✓LNAME	Individual's Last Name	124
P108-123	✓FNAME	Individual's First Name	124

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
RECTYPE H1	Record Type Identifier		
H		107105	100.0
DWSEQ H2-6	Dwelling Sequence Number		
1-107105		107105	100.0
HHSEQ H7	Sequence of Household in Dwelling		
1		98043	91.5
2		6781	6.3
3		1358	1.3
4		548	.5
5		228	.2
6		89	.1
7		35	.0
8		15	.0
9		8	.0
		-----	-----
	TOTAL	107105	100.0
PERSONS H8-9	Number of Person Records in Household		
1		9388	8.8
2		13350	12.5
3		16515	15.4
4		16774	15.7
5		15010	14.0
6		12136	11.3
7		9012	8.4
8		6201	5.8
9		3962	3.7
10		2253	2.1
11		1146	1.1
12		602	.6
13		297	.3
14		145	.1

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

PERSONS (continued)

15		91	.1
16		52	.0
17		42	.0
18		27	.0
19		20	.0
20		16	.0
21		15	.0
22		5	.0
23		7	.0
24		9	.0
25		6	.0
26		6	.0
27		3	.0
28		7	.0
29		5	.0
30		3	.0
TOTAL		107105	100.0

SAMPUNIT Sample Point Rule
H10

HOUSEHOLDS

1	Dwelling size under 31	96461	90.1
2	Household in dwelling sized 31+	1655	1.5
3	Household, dwelling size unknown	2443	2.3

GROUP QUARTERS

4	Related group in household 31+	1310	1.2
5	Individual in household 31+, dwelling size 31+	4262	4.0
6	Individual in household 31+, dwelling size unknown	701	.7
7	Fragment	273	.3
TOTAL		107105	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
DWSIZE <i>H11-14</i>	Dwelling Size		
1-3162	Number of persons in dwelling	102766	95.9
9999	Missing	4339	4.1
	TOTAL	107105	100.0
NUMHH <i>H15-16</i>	Number of Households in Dwelling		
1-94		102111	95.3
99	Missing	4994	4.7
	TOTAL	107105	100.0
SEQHH <i>H17-18</i>	Sequence in Dwelling of First Household Taken		
1-90		102585	95.8
99	Missing	4520	4.2
	TOTAL	107105	100.0
HHSIZE <i>H19-22</i>	Household Size		
1-3162	Number of Persons in Household	105077	98.1
9999	Missing	2028	1.9
	TOTAL	107105	100.0
DWTAKE <i>H23-24</i>	Number of Persons Taken in Dwelling		
1		8220	7.7
2		9963	9.3
3		13573	12.7
4		14835	13.9
5		14306	13.4
6		12492	11.7
7		9932	9.3

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

DWTAKE (continued)

8		7343	6.9
9		5142	4.8
10		3279	3.1
11		2017	1.9
12		1365	1.3
13		881	.8
14		638	.6
15		481	.4
16		446	.4
17		333	.3
18		260	.2
19		215	.2
20		178	.2
21		146	.1
22		183	.2
23		176	.2
24		172	.2
25		86	.1
26		66	.1
27		99	.1
28		97	.1
29		74	.1
30		107	.1
TOTAL		107105	100.0

CITYPOP City Population
H25-29

0	Unincorporated Area	63781	59.5
1-12062	City population in hundreds	43324	40.5
TOTAL		107105	100.0

CITYRANK City Rank
H30-31

1	New York, NY	2784	2.6
2	Philadelphia, PA	1801	1.7
3	Brooklyn, NY	1302	1.2
4	Chicago, IL	1109	1.0
5	Boston, MA	843	.8
6	Saint Louis, MO	861	.8

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
CITYRANK (continued)			
7	Baltimore, MD	724	.7
8	Cincinnati, OH	577	.5
9	San Francisco, CA	615	.6
10	New Orleans, LA	509	.5
11	Cleveland, OH	336	.3
12	Pittsburgh, PA	299	.3
13	Buffalo, NY	315	.3
14	Washington, DC	355	.3
15	Newark, NJ	320	.3
16	Louisville, KY	263	.2
17	Jersey City, NJ	216	.2
18	Detroit, MI	255	.2
19	Milwaukee, WI	244	.2
20	Providence, RI	243	.2
21	Albany, NY	196	.2
22	Rochester, NY	205	.2
23	Allegheny, PA	151	.1
24	Indianapolis, IN	170	.2
25	Richmond, VA	160	.1
26	New Haven, CT	158	.1
27	Lowell, MA	113	.1
28	Worcester, MA	113	.1
29	Troy, NY	108	.1
30	Kansas City, MO	131	.1
31	Cambridge, MA	135	.1
32	Syracuse, NY	124	.1
33	Columbus, OH	131	.1
34	Paterson, NJ	116	.1
35	Toledo, OH	95	.1
36	Charleston, SC	103	.1
37	Fall River, MA	108	.1
38	Minneapolis, MN	89	.1
39	Scranton, PA	100	.1
40	Nashville, TN	91	.1
41	Reading, PA	98	.1
42	Hartford, CT	105	.1
43	Wilmington, DE	107	.1
44	Camden, NJ	84	.1
45	Saint Paul, MN	129	.1
46	Lawrence, MA	79	.1
47	Dayton, OH	78	.1
48	Lynn, MA	95	.1
49	Atlanta, GA	90	.1
50	Denver, CO	135	.1
51	Oakland, CA	87	.1
52	Utica, NY	67	.1

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
CITYRANK (continued)			
53	Portland, ME	80	.1
54	Memphis, TN	97	.1
55	Springfield, MA	76	.1
56	Manchester, NH	101	.1
57	Saint Joseph, MO	73	.1
58	Grand Rapids, MI	82	.1
59	Hoboken, NJ	64	.1
60	Harrisburg, PA	66	.1
61	Wheeling, WV	57	.1
62	Savannah, GA	75	.1
63	Omaha, NE	68	.1
64	Trenton, NJ	67	.1
65	Covington, KY	64	.1
66	Evansville, IN	43	.0
67	Peoria, IL	66	.1
68	Bridgeport, CT	74	.1
69	Mobile, AL	71	.1
70	Elizabeth City, NJ	56	.1
71	Erie, PA	64	.1
72	Salem, MA	53	.0
73	Quincy, IL	57	.1
74	Fort Wayne, IN	58	.1
75	New Bedford, MA	56	.1
76	Terre Haute, IN	69	.1
77	Lancaster, PA	62	.1
78	Somerville, MA	58	.1
79	Wilkes Barre, PA	54	.1
80	Des Moines, IA	45	.0
81	Dubuque, IA	43	.0
82	Galveston, TX	64	.1
83	Norfolk, VA	61	.1
84	Auburn, NY	66	.1
85	Holyoke, MA	41	.0
86	Augusta, GA	45	.0
87	Davenport, IA	38	.0
88	Chelsea, MA	59	.1
89	Petersburg, VA	59	.1
90	Sacramento, CA	58	.1
91	Taunton, MA	40	.0
92	Norwich, CT	53	.0
93	Oswego, NY	54	.1

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

CITYRANK (continued)

94	Salt Lake City, UT	45	.0
95	Springfield, OH	49	.0
96	Bay City, MI	55	.1
97	San Antonio, TX	57	.1
98	Elmira, NY	41	.0
99	Rank of 99 and over	86599	80.9
		-----	-----
	TOTAL	107105	100.0

COUNTY County of Enumeration
(See Appendix A)

H32-35

10-9999	107105	100.0
---------	--------	-------

STATEICP State of Enumeration (ICPSR System)
H36-37

1	Connecticut	1485	1.4
2	Maine	1550	1.4
3	Massachusetts	4002	3.7
4	New Hampshire	889	.8
5	Rhode Island	641	.6
6	Vermont	768	.7
11	Delaware	285	.3
12	New Jersey	2469	2.3
13	New York	11666	10.9
14	Pennsylvania	8938	8.3
21	Illinois	6318	5.9
22	Indiana	4069	3.8
23	Michigan	3672	3.4
24	Ohio	6901	6.4
25	Wisconsin	2729	2.5
31	Iowa	3190	3.0
32	Kansas	2106	2.0
33	Minnesota	1580	1.5
34	Missouri	4544	4.2
35	Nebraska	943	.9
37	Dakota Territory	392	.4
40	Virginia	3125	2.9
41	Alabama	2646	2.5
42	Arkansas	1561	1.5
43	Florida	572	.5
44	Georgia	3223	3.0
45	Louisiana	2060	1.9

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
STATEICP (continued)			
46	Mississippi	2280	2.1
47	North Carolina	2891	2.7
48	South Carolina	2089	2.0
49	Texas	3210	3.0
51	Kentucky	3074	2.9
52	Maryland	1929	1.8
54	Tennessee	2946	2.8
56	West Virginia	1148	1.1
61	Arizona Territory	156	.1
62	Colorado	629	.6
63	Idaho Territory	90	.1
64	Montana Territory	121	.1
65	Nevada	219	.2
66	New Mexico Territory	313	.3
67	Utah Territory	315	.3
68	Wyoming Territory	71	.1
71	California	2275	2.1
72	Oregon	409	.4
73	Washington Territory	193	.2
98	District of Columbia	423	.4
TOTAL		107105	100.0

STATECENS State of Enumeration (Census
Bureau System)
H38-39

11	Maine	1550	1.4
12	New Hampshire	889	.8
13	Vermont	768	.7
14	Massachusetts	4002	3.7
15	Rhode Island	641	.6
16	Connecticut	1485	1.4
21	New York	11666	10.9
22	New Jersey	2469	2.3
23	Pennsylvania	8938	8.3
31	Ohio	6901	6.4
32	Indiana	4069	3.8
33	Illinois	6318	5.9
34	Michigan	3672	3.4
35	Wisconsin	2729	2.5
41	Minnesota	1580	1.5
42	Iowa	3190	3.0
46	Nebraska	943	.9

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

STATECENS (continued)

47	Kansas	2106	2.0
49	Dakota Territory	392	.4
51	Delaware	285	.3
52	Maryland	1929	1.8
53	District of Columbia	423	.4
54	Virginia	3125	2.9
55	West Virginia	1148	1.1
56	North Carolina	2891	2.7
57	South Carolina	2089	2.0
58	Georgia	3223	3.0
59	Florida	572	.5
61	Kentucky	3074	2.9
62	Tennessee	2946	2.8
63	Alabama	2646	2.5
64	Mississippi	2280	2.1
71	Arkansas	1561	1.5
72	Louisiana	2060	1.9
74	Texas	3210	3.0
75	Missouri	4544	4.2
81	Montana Territory	121	.1
82	Idaho Territory	90	.1
83	Wyoming Territory	71	.1
84	Colorado	629	.6
85	New Mexico Territory	313	.3
86	Arizona Territory	156	.1
87	Utah Territory	315	.3
88	Nevada	219	.2
91	Washington Territory	193	.2
92	Oregon	409	.4
93	California	2275	2.1
TOTAL		107105	100.0

REGION
H40 Census Region

1	New England	9335	8.7
2	Northeast	23073	21.5
3	Midwest	28459	26.6
4	Southeast	15685	14.6
5	South Central	20760	19.4
6	West	6916	6.5
7	Pacific	2877	2.7
TOTAL		107105	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
INSTCODE H41-42	Institution Type		
1	Jail	95	.1
2	Camp or Chain Gang	9	.0
3	Prison	152	.1
4	House of Correction	42	.0
5	Penitentiary	201	.2
6	Military Prison	2	.0
7	Reformatory	54	.1
11	Hospital	163	.2
12	Sanitarium	4	.0
13	Infirmery	68	.1
14	Hospital, maternity	7	.0
15	Hospital, infants, children, nursery	15	.0
16	Hospital, charity	25	.0
17	Hospital for insane	469	.4
21	Children's Home/Asylum	85	.1
22	Orphan's Home/Asylum	245	.2
23	Home for Aged	46	.0
24	Soldier's/Sailor's Home	58	.1
25	Home for Feeble-minded	19	.0
26	Deaf, Blind, Epilepsy	29	.0
27	Home for Widows, Single, Fallen Women	31	.0
29	Home, other dependent	5	.0
31	Hotel	809	.8
32	House, Lodging Apartment	989	.9
33	YMCA/YWCA	2	.0
41	U.S. Army Installation	146	.1
42	Navy/Marine Installation	13	.0
43	Navy ships	9	.0
48	Military Academy	6	.0
49	Military Installation, n.e.c.	15	.0
51	Schools	118	.1
52	Academy/Institute	50	.0
53	Industrial Training	31	.0
54	Deaf or Blind School	53	.0
56	Colleges	100	.1
57	Orphan School	12	.0
62	Lumber	31	.0
63	Mining	48	.0
64	Railroad	63	.1
65	Work Boarding House	41	.0
66	Farms, ranches	30	.0
67	Ships, boats	25	.0
69	Miscellaneous Work Sites	91	.1
71	Poorhouses/Almshouses	486	.5

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

INSTCODE (continued)

81	Church, Abbey	4	.0
82	Convent	80	.1
83	Monastery	5	.0
84	Seminary	26	.0
86	Religious Commune	15	.0
89	Other Religious	11	.0
90	Other Group Quarters	203	.2
99	Not applicable	101769	95.0
		-----	-----
TOTAL		107105	100.0

INSTFUND Institution Funding Code
H43

0	Not applicable	101769	95.0
1	Religious organization	563	.5
3	Federal	258	.2
4	State	668	.6
5	County	627	.6
6	Public - unspecified	88	.1
7	Ethnic and fraternal	11	.0
8	City	2090	2.0
9	Not classifiable	1031	1.0
		-----	-----
TOTAL		107105	100.0

SUPDIST Supervisor's District Number
H44-46

0-339		107014	99.9
999	Missing	91	.1
		-----	-----
TOTAL		107105	100.0

ENUMDIST Enumeration District Number
H47-50

0-2580		107097	100.0
9999	Missing	8	.0
		-----	-----
TOTAL		107105	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
ENUMMO H51-52	Month of Enumeration		
0	Missing	2426	2.3
6	June	102476	95.7
7	July	1378	1.3
8	August	47	.0
9	September	778	.7
		-----	-----
	TOTAL	107105	100.0
ENUMDAY H53-54	Day of Enumeration		
0	Not given	2426	2.3
1		7782	7.3
2		5887	5.5
3		6130	5.7
4		5872	5.5
5		5607	5.2
6		438	.4
7		6954	6.5
8		6134	5.7
9		5825	5.4
10		5644	5.3
11		5112	4.8
12		4478	4.2
13		247	.2
14		4504	4.2
15		4263	4.0
16		3968	3.7
17		3700	3.5
18		3305	3.1
19		2725	2.5
20		124	.1
21		2764	2.6
22		2619	2.4
23		2433	2.3
24		1897	1.8
25		1669	1.6
26		1354	1.3
27		87	.1
28		1271	1.2

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

ENUMDAY (continued)

29		1003	.9
30		873	.8
31		10	.0
		-----	-----
TOTAL		107105	100.0

ENUMDUR Duration of Enumeration in Days
H55

1		95011	88.7
2		9473	8.8
3		1748	1.6
4		319	.3
5		139	.1
6		73	.1
7		42	.0
8		25	.0
9		275	.3
		-----	-----
TOTAL		107105	100.0

RCVMO Month of Receipt
H56-57

0	Blank	661	.6
1	January (1881)	31	.0
7	July	53132	49.6
8	August	42732	39.9
9	September	8173	7.6
10	October	1069	1.0
11	November	1269	1.2
12	December	38	.0
		-----	-----
TOTAL		107105	100.0

Variable Name	Item Description	Frequency	Percent
RCVDAY H58-59	Day of Receipt		
0	Not given	696	.6
1		2930	2.7
2		5216	4.9
3		2739	2.6
4		1798	1.7
5		2357	2.2
6		4187	3.9
7		3418	3.2
8		1144	1.1
9		6893	6.4
10		2510	2.3
11		3601	3.4
12		4119	3.8
13		3568	3.3
14		1473	1.4
15		1660	1.5
16		5662	5.3
17		2176	2.0
18		3350	3.1
19		5572	5.2
20		3051	2.8
21		3187	3.0
22		2054	1.9
23		6206	5.8
24		5436	5.1
25		430	.4
26		4456	4.2
27		2893	2.7
28		2223	2.1
29		68	.1
30		8293	7.7
31		3739	3.5
TOTAL		107105	100.0

REEL H60-63	Microfilm Reel Number		
1-1454		107105	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
PAGENO <i>H64-66</i>	Microfilm Page Number		
0	Missing	3	.0
1-845		107102	100.0
		-----	-----
	TOTAL	107105	100.0
SIDE <i>H67</i>	Side of Form		
1	Front (side A)	54778	51.1
2	Back (side B)	52327	48.9
		-----	-----
	TOTAL	107105	100.0
LINENO <i>H68-69</i>	Line Number		
1		5877	5.5
2		1495	1.4
3		1754	1.6
4		2031	1.9
5		2035	1.9
6		2202	2.1
7		2345	2.2
8		2225	2.1
9		2176	2.0
10		2389	2.2
11		2195	2.0
12		2197	2.1
13		2305	2.2
14		2157	2.0
15		2053	1.9
16		2308	2.2
17		2131	2.0
18		2009	1.9
19		2297	2.1
20		2047	1.9
21		2115	2.0
22		2305	2.2
23		2104	2.0
24		2054	1.9
25		2270	2.1
26		2056	1.9
27		2128	2.0
28		2283	2.1

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

LINENO (continued)

29		1970	1.8
30		2111	2.0
31		2175	2.0
32		2057	1.9
33		1953	1.8
34		2199	2.1
35		1989	1.9
36		2004	1.9
37		2152	2.0
38		1989	1.9
39		2016	1.9
40		2278	2.1
41		2046	1.9
42		1972	1.8
43		2208	2.1
44		2036	1.9
45		1933	1.8
46		2123	2.0
47		1849	1.7
48		1793	1.7
49		1626	1.5
50		1083	1.0
		-----	-----
TOTAL		107105	100.0

DWNUM Dwelling Number
H70-73

0	Missing	5547	5.2
1-1466		101558	94.8
		-----	-----
TOTAL		107105	100.0

HHNUM Household Number
H74-77

0	Missing	3682	3.4
1-2317		103422	96.6
9998	Illegible	1	0.0
		-----	-----
TOTAL		107105	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
QDWNUM H78	Data Quality Flag for DWNUM		
0	Entered as written	107054	100.0
3	Edited in 1880	51	.0
		-----	-----
	TOTAL	107105	100.0
QHHNUM H79	Data Quality Flag for HHNUM		
0	Entered as written	105732	98.7
1	New family number inferred	1373	1.3
		-----	-----
	TOTAL	107105	100.0
VERIFY H80			
0	Case not verified	96772	90.4
1	Verified case	10333	9.6
		-----	-----
	TOTAL	107105	100.0
STREET H81-112	Street Address		
Alphabetic		107188	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
RECTYPE <i>P1</i>	Record Type		
P	Person record	502913	100.0
DWSEQ <i>P2-6</i>	Dwelling Sequence Number		
1-107105			100.0
HHSEQ <i>P7</i>	Sequence of Family in Dwelling		
See H7			
PERSEQ <i>P8-9</i>	Person Sequence Number		
1		107105	21.3
2		97717	19.4
3		84367	16.8
4		67852	13.5
5		51078	10.2
6		36068	7.2
7		23932	4.8
8		14920	3.0
9		8719	1.7
10		4757	.9
11		2504	.5
12		1358	.3
13		756	.2
14		459	.1
15		314	.1
16		223	.0
17		171	.0
18		129	.0

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

PERSEQ (continued)

19		102	.0
20		82	.0
21		66	.0
22		51	.0
23		46	.0
24		39	.0
25		30	.0
26		24	.0
27		18	.0
28		15	.0
29		8	.0
30		3	.0

	TOTAL	502913	100.0
--	-------	--------	-------

RACE
P10

0	White	434443	86.4
1	Black	55383	11.0
2	Mulatto	10752	2.1
3	Indian	545	.1
4	Chinese	1222	.2
8	Illegible	59	.0
9	Missing	509	.1

	TOTAL	502913	100.0
--	-------	--------	-------

SEX
P11

0	Male	256199	50.9
1	Female	246680	49.1
8	Illegible	9	.0
9	Missing	25	.0

	TOTAL	502913	100.0
--	-------	--------	-------

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
AGE	Age in Years		
<i>P12-14</i>			
0		14478	2.9
1		12768	2.5
2		14359	2.9
3		13946	2.8
4		14057	2.8
5		13591	2.7
6		13715	2.7
7		13060	2.6
8		12896	2.6
9		11650	2.3
10		12877	2.6
11		10441	2.1
12		12587	2.5
13		10741	2.1
14		10729	2.1
15		9268	1.8
16		10005	2.0
17		9478	1.9
18		11222	2.2
19		9983	2.0
20		11087	2.2
21		9849	2.0
22		10541	2.1
23		9672	1.9
24		9550	1.9
25		10323	2.1
26		8466	1.7
27		7470	1.5
28		8445	1.7
29		6306	1.3
30		10763	2.1
31		4907	1.0
32		6481	1.3
33		5876	1.2
34		5500	1.1
35		8821	1.8
36		5828	1.2
37		5020	1.0
38		5980	1.2
39		4656	.9
40		9142	1.8
41		3265	.6
42		4724	.9
43		3937	.8
44		3743	.7

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
AGE (continued)			
45		6338	1.3
46		3734	.7
47		3433	.7
48		3984	.8
49		3248	.6
50		6663	1.3
51		2459	.5
52		3429	.7
53		2851	.6
54		2911	.6
55		3678	.7
56		2767	.6
57		2197	.4
58		2281	.5
59		1842	.4
60		4322	.9
61		1513	.3
62		1910	.4
63		1788	.4
64		1566	.3
65		2270	.5
66		1304	.3
67		1183	.2
68		1352	.3
69		1059	.2
70		1867	.4
71		696	.1
72		969	.2
73		799	.2
74		748	.1
75		929	.2
76		580	.1
77		485	.1
78		463	.1
79		396	.1
80		613	.1
81		216	.0
82		229	.0
83		203	.0
84		185	.0
85		180	.0
86		126	.0
87		95	.0
88		76	.0
89		61	.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
AGE (continued)			
90		94	.0
91		26	.0
92		31	.0
93		11	.0
94		6	.0
95		24	.0
96		15	.0
97		7	.0
98		6	.0
99		6	.0
100		18	.0
101		1	.0
102		2	.0
103		1	.0
104		3	.0
108		2	.0
110		2	.0
111		1	.0
112		1	.0
114		1	.0
998	Illegible	291	.1
999	Missing	163	.0
		-----	-----
TOTAL		502913	100.0

AGEMO Age in Months
P15-16

0	Not Applicable	488448	97.1
1		1769	.4
2		1433	.3
3		1482	.3
4		1333	.3
5		1292	.3
6		1610	.3
7		1114	.2
8		1220	.2
9		1284	.3
10		1055	.2
11		871	.2
12		2	.0
		-----	-----
TOTAL		502913	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
MONTH <i>P17-18</i>	Month of Birth		
1	January	1143	.2
2	February	1150	.2
3	March	1265	.3
4	April	1196	.2
5	May	1095	.2
6	June	348	.1
7	July	756	.2
8	August	964	.2
9	September	1013	.2
10	October	957	.2
11	November	904	.2
12	December	1195	.2
98	Illegible	19	.0
99	Not applicable	490908	97.6
		-----	-----
	TOTAL	502913	100.0

RELCLASS <i>P19-20</i>	General Relationship Code		
1	Head	101769	20.2
2	Wife	81367	16.2
3	Child	246524	49.0
4	Child-in-law	2400	.5
5	Grandchild	7703	1.5
6	Parent	3837	.8
7	Parent-in-law	2408	.5
8	Sibling	6065	1.2
9	Sibling-in-law	2821	.6
10	Other relative	5582	1.1
12	Boarder	18366	3.7
14	Resident employee	14031	2.8
15	Other nonrelative	210	.0
99	Missing	9830	2.0
		-----	-----
	TOTAL	502913	100.0

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
REL <i>P21-23</i>	Detailed Relationship Code		
100	Head of household	101769	20.2
120	Wife of head	81176	16.1
121	Polygamous wife	17	.0
122	Concubine/mistress	8	.0
130.	Child of head	241782	48.1
131	Step-child of head	3820	.8
132	Adopted child of head	757	.2
133	Son/daughter-in-law	2359	.5
134	Stepdaughter/stepson-in-law	41	.0
135	Child of concubine/mistress	7	.0
137	Ward, child under protection	165	.0
140	Husband, not head	174	.0
200	Relative, not specified	16	.0
210	Parent of head	3786	.8
211	Step-parent of head	51	.0
213	Parent-in-law of head	2403	.5
214	Step-parent-in-law of head	5	.0
220	Brother/sister of head	5992	1.2
221	Step/half brother/sister	73	.0
223	Brother/sister-in-law	2821	.6
230	Niece or nephew	4057	.8
233	Niece/nephew-in-law	24	.0
237	Grand niece/nephew	79	.0
240	Cousin	664	.1
243	Cousin-in-law	6	.0
250	Aunt/uncle of head	423	.1
253	Aunt/uncle-in-law	7	.0
260	Grandparent of head	196	.0
263	Grandparent-in-law	13	.0
270	Grandchild of head	7689	1.5
271	Step-grandchild of head	24	.0
273	Grandchild-in-law	14	.0
277	Great-grandchild	42	.0
298	Other relative through marriage	14	.0
299	Other relative	17	.0
300	Servant; Unspecified domestic	10711	2.1
302	Spouse of servant/employee	56	.0
303	Other relative of servant/employee	30	.0
304	Child of servant	343	.1
310	Housekeeper or senior servant	123	.0
320	Chambermaid; Junior	6	.0
330	Cook	163	.0
334	Child of Cook	4	.0
340	Nurse	66	.0
350	Indefinite; Hired	731	.1

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
REL (continued)			
360	Coachman; Gardener	18	.0
400	Employee of head	1568	.3
410	Bound laborer	13	.0
416	Governess; Tutor	4	.0
430	Farm worker	160	.0
440	Laborer in group labor setting	35	.0
500	Dependent/n.e.c.	4	.0
510	Partner	89	.0
512	Spouse of partner	9	.0
514	Child of partner	4	.0
520	Visitor	38	.0
530	Companion	10	.0
534	Companion's child	1	.0
540	Friend	38	.0
550	Guardian	2	.0
600	Boarder	15108	3.0
601	Lodger	718	.1
602	Roomer	146	.0
603	Tenant	24	.0
620	Spouse of boarder	171	.0
621	Spouse of lodger	5	.0
622	Spouse of roomer	2	.0
623	Spouse of tenant	5	.0
630	Child of boarder	241	.0
631	Child of lodger	7	.0
632	Child of roomer	8	.0
640	Other relative, boarder	50	.0
641	Other relative, lodger	1	.0
643	Other relative, tenant	1	.0
700	Inmate, n.e.c.	348	.1
701	Institutional employee	15	.0
710	Military, unspecified	53	.0
720	Convicts	450	.1
730	Paupers	145	.0
731	Pauper's child	4	.0
740	Patient in insane asylum	15	.0
750	Patient in hospital	238	.0
760	Orphan	200	.0
770	Student	110	.0
790	Religious institution	79	.0
810	Attendant	5	.0

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

REL (continued)

850	Unrelated, not specified	217	.0
910	Non-relationship response	72	.0
998	Illegible	7	.0
999	Missing	9751	1.9
		-----	-----
TOTAL		502913	100.0

MARST Marital Status
P24

1	Married, spouse present	169065	33.6
2	Married, spouse absent	6866	1.4
3	Widowed	22161	4.4
4	Divorced	878	.2
5	Single	295361	58.7
8	Illegible	12	.0
9	Missing	8570	1.7
		-----	-----
TOTAL		502913	100.0

MWITHIN Married Within Year
P25

0	Blank	499977	99.4
1	Yes	2936	.6
		-----	-----
TOTAL		502913	100.0

OCC1880 Occupational Classification, 1880
System
P26-28

AGRICULTURE

1	Agricultural laborers	33685	6.7
2	Apiarists	15	.0
3	Dairymen and dairywomen	106	.0
4	Farm and plantation overseers	43	.0
5	Farmers and planters	45469	9.0
6	Florists	56	.0
7	Gardeners, nurserymen, and vine-growers	483	.1
8	Stock-drovers	48	.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
OCC1880 (continued)			
9	Stock-herders	324	.1
10	Stock-raisers	183	.0
11	Turpentine farmers and laborers	94	.0
12	Others in agriculture	1	.0
PROFESSIONAL AND PERSONAL SERVICES			
13	Actors	57	.0
14	Architects	41	.0
15	Artists and teachers of art	90	.0
16	Auctioneers	26	.0
17	Authors, lecturers, and literary persons	12	.0
18	Barbers and hairdressers	476	.1
19	Billiard- and bowling saloon keepers and employees	15	.0
20	Boarding- and lodging-house keepers	263	.1
21	Chemists, assayers, and metallurgists	26	.0
22	Clergy	695	.1
23	Clerks and copyists	288	.1
24	Clerks in government offices	148	.0
25	Clerks in hotels and restaurants	96	.0
26	Collectors and claim agents	39	.0
27	Dentists	122	.0
28	Designers, draughtsmen, and inventors	45	.0
29	Domestic servants	12139	2.4
30	Employees of charitable institutions	73	.0
31	Employees of government (not clerks)	259	.1
32	Employees of hotels and restaurants (not clerks)	686	.1
33	Engineers (civil)	116	.0
34	Hostlers	309	.1
35	Hotel keepers	286	.1
36	Hunters, trappers, guides, and scouts	18	.0
37	Janitors	59	.0
38	Journalists	124	.0
39	Laborers (not specified)	18457	3.7
40	Launderers and laundresses	1341	.3
41	Lawyers	666	.1
42	Livery-stable keepers	203	.0

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
OCC1880 (continued)			
43	Messengers	149	.0
✓44	Midwives	26	.0
45	Musicians (professional) and teachers of music	352	.1
46	Nurses	292	.1
47	Officers of the Army and Navy	39	.0
48	Officials of government	606	.1
49	Physicians and surgeons	900	.2
50	Restaurant keepers	127	.0
51	Sexton	31	.0
52	Showmen and employees of shows	48	.0
53	Soldiers, sailors, and Marines (U.S. Army and Navy)	239	.0
54	Teachers and scientific persons	2349	.5
55	Veterinary surgeons	29	.0
56	Watchmen (private) and detectives	195	.0
57	Whitewashers	30	.0
58	Others in professional and personal services	194	.0
TRADE AND TRANSPORTATION			
59	Agents (not specified)	215	.0
60	Bankers and brokers	149	.0
61	Boatmen and watermen	267	.1
62	Bookkeepers and accountants in stores	640	.1
63	Brokers (commercial)	47	.0
64	Canalmen	63	.0
65	Clerks in stores	3262	.6
66	Clerks and bookkeepers in banks	85	.0
✓67	Clerks and bookkeepers in express companies	16	.0
✓68	Clerks and bookkeepers in insurance offices	20	.0
69	Clerks and bookkeepers in railroad offices	216	.0
70	Commercial travelers	208	.0
71	Draymen, hackmen, teamsters, etc.	1597	.3
72	Employees in warehouses	36	.0
73	Employees of banks (not clerks)	17	.0
74	Employees of insurances companies (not clerks)	133	.0
75	Employees of railroad companies	2496	.5
76	Hucksters and peddlers	579	.1
77	Milkmen and milkwomen	113	.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
OCC1880 (continued)			
78	Newspaper criers and carriers	34	.0
79	Officials and employees of express companies (not clerks)	156	.0
80	Officials and employees of street railroad companies	147	.0
81	Officials and employees of telegraph companies	207	.0
82	Officials and employees of telephone companies	20	.0
83	Officials and employees of trade and transportation companies (not specified)	28	.0
84	Officials of banks	35	.0
85	Officials of insurance companies	10	.0
86	Officials of railroad companies	28	.0
87	Packers	72	.0
88	Pilots	41	.0
89	Porters and laborers in stores and warehouses	462	.1
90	Sailors	691	.1
91	Salesmen and saleswomen	454	.1
92	Saloon keepers and bartenders	807	.2
93	Shippers and freighters	56	.0
94	Steamboat men and women	131	.0
95	Stewards and stewardesses	21	.0
96	Toll-gate and bridge keepers	49	.0
97	Traders and dealers (not specified)	1335	.3
✓98	Traders and dealers in agricultural implements	11	.0
99	Traders and dealers in books and stationery	37	.0
100	Traders and dealers in boots and shoes	81	.0
101	Traders and dealers in cabinet ware	53	.0
102	Traders and dealers in cigars and tobacco	124	.0
103	Traders and dealers in clothing and men's furnishing goods	88	.0
104	Traders and dealers in coal and wood	120	.0
105	Traders and dealers in cotton and wool	27	.0
106	Traders and dealers in crockery, china, glass, and stoneware	21	.0
107	Traders and dealers in drugs and medicines	315	.1

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
OCC1880 (continued)			
108	Traders and dealers in dry foods, fancy foods, and notions	407	.1
109	Traders and dealers in gold and silverware and jewelry	19	.0
110	Traders and dealers in groceries	1073	.2
111	Traders and dealers in hats, caps, and furs	45	.0
112	Traders and dealers in ice	40	.0
113	Traders and dealers in iron, tin, and copperware	180	.0
114	Traders and dealers in junk	28	.0
115	Traders and dealers in leather, hides, and skins	28	.0
116	Traders and dealers in liquors and wines	134	.0
117	Traders and dealers in livestock	147	.0
118	Traders and dealers in lumber	102	.0
119	Traders and dealers in marble, stone and slate	20	.0
120	Traders and dealers in music and musical instruments	16	.0
121	Traders and dealers in newspapers and periodicals	24	.0
122	Traders and dealers in oils, paints, and turpentine	13	.0
123	Traders and dealers in paper and paper stock	10	.0
124	Traders and dealers in produce and provisions	306	.1
125	Traders and dealers in real estate	136	.0
126	Traders and dealers in sewing machines	82	.0
127	Undertakers	62	.0
128	Weighers, gaugers, and measurers	39	.0
129	Others in trade and transportation	35	.0

MANUFACTURING, MECHANICAL, AND MINING INDUSTRIES

130	Agricultural implement makers	49	.0
131	Artificial-flower makers	30	.0
132	Apprentices to trades	483	.1
133	Bag makers	29	.0
134	Bakers	416	.1
135	Basket makers	66	.0
136	Blacksmiths	1830	.4
137	Bleachers, dyers and scourers	89	.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
OCC1880 (continued)			
138	Blind, door and sash makers	51	.0
139	Boat makers	30	.0
140	Bone and ivory workers	14	.0
141	Bookbinders and finishers	124	.0
142	Boot and shoemakers	1897	.4
143	Bottlers and mineral-water makers	24	.0
144	Box factory operatives	137	.0
145	Brass founders and workers	90	.0
146	Brewers and maltsters	143	.0
147	Brick and tile makers	367	.1
148	Bridge builders and contractors	26	.0
149	Britannia and japanned ware makers	14	.0
150	Broom and brush makers	81	.0
151	Builders and contractors (not specified)	136	.0
152	Butchers	808	.2
153	Button-factory operatives	51	.0
154	Cabinet makers	501	.1
155	Candle, soap, and tallow makers	38	.0
156	Car makers	64	.0
157	Carpenters and joiners	3742	.7
158	Carpet makers	158	.0
159	Carriage and wagon makers	519	.1
160	Charcoal and lime burners	46	.0
161	Cheese makers	44	.0
162	Chemical-works employees	29	.0
163	Cigar makers	508	.1
164	Clerks and bookkeepers in manufacturing establishments	158	.0
165	Clock and watchmakers and repairers	152	.0
166	Confectioners	100	.0
167	Coopers	489	.1
168	Copper workers	37	.0
169	Corset makers	70	.0
170	Cotton-mill operatives	1899	.4
171	Distillers and rectifiers	35	.0
172	Employees in manufacturing establishments (not specified)	427	.1
173	Engineers and firemen	744	.1
174	Engravers	51	.0
175	Fertilizer establishment operatives	6	.0
176	File makers, cutters, and grinders	26	.0
177	Fishermen and oystermen	349	.1
178	Flax dressers	14	.0
179	Fur workers	23	.0

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
OCC1880 (continued)			
180	Galloon, gimp, and tassel makers	16	.0
181	Gas-works employees	44	.0
182	Gilders	25	.0
183	Glass-works operatives	133	.0
184	Glove makers	33	.0
185	Gold and silver workers and jewelers	284	.1
186	Gun- and lock-smiths	95	.0
187	Hair cleaners, dressers, and workers	17	.0
188	Harness and saddle makers	419	.1
189	Hat and cap makers	223	.0
190	Hosiery and knitting-mill operatives	141	.0
191	Iron and steel works and shops operatives	1101	.2
192	Lace makers	24	.0
193	Lead and zinc works operatives	12	.0
194	Leather case and pocket-book makers	15	.0
195	Leather curriers, dressers, finishers, and tanners	347	.1
196	Lumbermen and raftsmen	396	.1
197	Machinists	936	.2
198	Manufacturers	512	.1
199	Marble and stone cutters	344	.1
200	Masons (brick and stone)	978	.2
201	Meat and fruit preserving establishment employees	34	.0
202	Meat packers, curers, and picklers	23	.0
203	Mechanics (not specified)	197	.0
204	Mill and factory operatives (not specified)	618	.1
205	Millers	529	.1
206	Milliners, dressmakers, and seamstresses	2831	.6
207	Miners	2586	.5
208	Mirror and picture-frame makers	17	.0
209	Nail makers	61	.0
210	Officials of manufacturing and mining companies	181	.0
211	Oil-mill and refinery operatives	36	.0
212	Oil-well operatives and laborers	65	.0
213	Organ makers	32	.0
214	Painters and varnishers	1262	.3
215	Paperhangers	40	.0
216	Paper-mill operatives	205	.0
217	Pattern makers	52	.0
218	Photographers	117	.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
OCC1880 (continued)			
219	Pianoforte makers and tuners	53	.0
220	Plasterers	278	.1
221	Plumbers and gasfitters	183	.0
222	Potters	93	.0
223	Printers, lithographers, and stereotypers	706	.1
224	Print-works operatives	57	.0
225	Publishers of books, maps, and newspapers	35	.0
226	Pump makers	8	.0
227	Quarrymen	161	.0
228	Quartz and stamp-mill operatives	6	.0
229	Rag pickers	20	.0
230	Railroad builders and contractors	17	.0
231	Roofers and slaters	58	.0
232	Rope and cordage makers	73	.0
233	Rubber factory operatives	86	.0
234	Sail and awning makers	40	.0
235	Salt makers	17	.0
236	Saw- and planing-mill operatives	756	.2
237	Sawyers	81	.0
238	Scale and rule makers	10	.0
239	Screw makers	20	.0
240	Sewing machine factory operatives	18	.0
241	Sewing machine operators	26	.0
242	Shingle and lath makers	41	.0
243	Ship carpenters, caulkers, riggers, and smiths	172	.0
244	Shirt, cuff, and collar makers	121	.0
245	Silk-mill operatives	143	.0
246	Starch makers	20	.0
247	Stave, shook, and heading makers	23	.0
248	Steam-boiler makers	119	.0
249	Stove, furnace, and grate makers	50	.0
250	Straw workers	34	.0
251	Sugar makers and refiners	25	.0
252	Tailors and tailoresses	1336	.3
253	Thread makers	41	.0
254	Tinners and tinware makers	429	.1
255	Tool and cutlery makers	159	.0
256	Trunk, valise, and carpet-bag makers	27	.0
257	Tobacco-factory operatives	187	.0
258	Umbrella and parasol makers	22	.0
259	Upholsterers	97	.0
260	Wheelwrights	144	.0

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

OCC1880 (continued)

261	Wire makers and workers	53	.0
262	Wood choppers	115	.0
263	Wood turners, carvers, and woodenware makers	150	.0
264	Woolen-mill operatives	818	.2
265	Others in manufacturing, mechanical, and mining industries	300	.1
266	Employed, occupation unspecified	145	.0

NON-OCCUPATIONAL RESPONSE

301	Keeping house, logical change	7687	1.5
302	Keeping house	82846	16.5
303	At home	41656	8.3
304	Student	35278	7.0
305	Retired	1237	.2
306	Without occupation, unemployed	2235	.4
307	Sick, disabled	156	.0
308	Institutional inmate	204	.0
309	Gentleman	81	.0
310	Other non-occupational response	2078	.4
997	Unclassifiable	40	.0
998	Illegible	57	.0
999	Blank	147536	29.3
		-----	-----
	TOTAL	502913	100.0

OCC1950 Occupational Classification, 1950
System

P29-31

PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS

0	Accountants and auditors	23	.0
1	Actors and actresses	60	.0
3	Architects	39	.0
4	Artists and art teachers	90	.0
5	Athletes	7	.0
6	Authors	9	.0
7	Chemists	26	.0
9	Clergymen	695	.1
10	College presidents and deans	4	.0
14	Professors and instructors, chemistry	1	.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
OCC1950 (continued)			
17	Professors and instructors, geology and geophysics	1	.0
18	Professors and instructors, mathematics	2	.0
26	Professors and instructors, natural science, n.e.c.	1	.0
28	Professors and instructors, nonscientific subjects	18	.0
29	Professors and instructors, subject not specified	14	.0
31	Dancers and dancing teachers	1	.0
32	Dentists	122	.0
33	Designers	8	.0
35	Draftsmen	24	.0
36	Editors and reporters	123	.0
43	Engineers, civil	64	.0
46	Engineers, mechanical	4	.0
48	Engineers, mining	10	.0
51	Entertainers, n.e.c.	31	.0
54	Funeral directors and embalmers	59	.0
55	Lawyers and judges	660	.1
56	Librarians	7	.0
57	Musicians and music teachers	345	.1
58	Nurses, professional	2	.0
62	Biological scientists	2	.0
63	Geologists and geophysicists	3	.0
73	Pharmacists	286	.1
74	Photographers	114	.0
75	Physicians and surgeons	892	.2
78	Religious workers	72	.0
92	Surveyors	38	.0
93	Teachers, n.e.c.	2315	.5
97	Therapists and healers, n.e.c.	7	.0
98	Veterinarians	29	.0
99	Professional, technical, and kindred workers, n.e.c.	40	.0
FARMERS AND FARM MANAGERS			
100	Farmers (owners and tenants)	45894	9.1
123	Farm managers	26	.0

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
--------------------------------	-----------------------------------	------------------	----------------

OCC1950 (continued)

MANAGERS, OFFICIALS, AND PROPRIETORS, EXCEPT FARM

200	Buyers and department heads, store	1	.0
201	Buyers and shippers, farm products	230	.0
203	Conductors, railroad	185	.0
210	Inspectors, public administration	37	.0
230	Managers and superintendents, building	16	.0
240	Officers, pilots, pursers, and engineers, ship	180	.0
250	Officials and administrators, n.e.c., public administration	290	.1
260	Officials, lodge, society, union, etc.	11	.0
270	Postmasters	63	.0
280	Purchasing agents and buyers	11	.0
290	Managers, officials, and proprietors, n.e.c.	6581	1.3

CLERICAL AND KINDRED WORKERS

300	Agents, n.e.c.	240	.0
304	Baggagemen, transportation	52	.0
305	Bank tellers	14	.0
310	Bookkeepers	655	.1
320	Cashiers	59	.0
321	Collectors, bill and account	38	.0
322	Dispatchers and starters, vehicle	12	.0
325	Express messengers and railway mail clerks	15	.0
335	Mail carriers	92	.0
340	Messengers and office boys	134	.0
342	Shipping and receiving clerks	75	.0
350	Stenographers, typists, and secretaries	12	.0
360	Telegraph messengers	15	.0
365	Telegraph operators	172	.0
370	Telephone operators	12	.0
380	Ticket, station, and express agents	227	.0
390	Clerical and kindred workers, n.e.c.	1012	.2

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
--------------------------------	-----------------------------------	------------------	----------------

OCC1950 (continued)

SALES WORKERS

400	Advertising agents and salesmen	5	.0
410	Auctioneers	26	.0
430	Hucksters and peddlers	580	.1
450	Insurance agents and brokers	134	.0
460	Newsboys	32	.0
470	Real estate agents and brokers	138	.0
480	Stock and bond salesmen	6	.0
490	Salesmen and sales clerks, n.e.c.	3933	.8

CRAFTSMEN, FOREMEN, AND KINDRED WORKERS

500	Bakers	377	.1
501	Blacksmiths	1781	.4
502	Bookbinders	103	.0
503	Boilermakers	110	.0
504	Brickmasons, stonemasons, and tile setters	967	.2
505	Cabinetmakers	363	.1
510	Carpenters	3884	.8
511	Cement and concrete finishers	5	.0
512	Compositors and typesetters	583	.1
515	Electricians	4	.0
520	Electrotypers and stereotypers	10	.0
521	Engravers, except photoengravers	59	.0
522	Excavating, grading, and road machinery operators	7	.0
523	Foremen, n.e.c.	236	.0
524	Forgemen and hammermen	6	.0
525	Furriers	18	.0
530	Glaziers	7	.0
531	Heat treaters, annealers, temperers	5	.0
532	Inspectors, scalers, and graders, log and lumber	4	.0
533	Inspectors, n.e.c.	33	.0
534	Jewelers, watchmakers, goldsmiths, and silversmiths	227	.0
540	Linemen and servicemen, telegraph, telephone, and power	12	.0
541	Locomotive engineers	165	.0
542	Locomotive firemen	109	.0
543	Loom fixers	3	.0
544	Machinists	846	.2

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
OCC1950 (continued)			
553	Mechanics and repairmen, railroad and car shop	23	.0
554	Mechanics and repairmen, n.e.c.	304	.1
555	Millers, grain, flour, feed, etc.	438	.1
560	Millwrights	92	.0
561	Molders, metal	404	.1
563	Opticians and lens grinders and polishers	13	.0
564	Painters, construction and maintenance	1114	.2
565	Paperhangers	40	.0
570	Pattern and model makers, except paper	58	.0
571	Photoengravers and lithographers	35	.0
572	Piano and organ tuners and repairmen	14	.0
573	Plasterers	276	.1
574	Plumbers and pipe fitters	182	.0
575	Pressmen and plate printers, printing	7	.0
580	Rollers and roll hands, metal	30	.0
581	Roofers and slaters	46	.0
582	Shoemakers and repairers, except factory	1084	.2
583	Stationary engineers	623	.1
584	Stone cutters and stone carvers	293	.1
585	Structural metal workers	1	.0
590	Tailors and tailoresses	1230	.2
591	Tinsmiths, coppersmiths, and sheet metal workers	407	.1
592	Tool makers, and die makers and setters	11	.0
593	Upholsterers	95	.0
594	Craftsmen and kindred workers, n.e.c.	615	.1
595	Members of the armed forces	278	.1

OPERATIVES AND KINDRED WORKERS

601	Apprentice bricklayers and masons	7	.0
602	Apprentice carpenters	56	.0
604	Apprentice machinists and toolmakers	46	.0
610	Apprentice plumbers and pipe fitters	17	.0
611	Apprentices, building trades, n.e.c.	20	.0
612	Apprentices, metalworking trades, n.e.c.	85	.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
OCC1950 (continued)			
613	Apprentices, printing trades	27	.0
614	Apprentices, other specified trades	232	.0
615	Apprentices, trade not specified	29	.0
623	Boatmen, canalmen, and lock keepers	232	.0
624	Brakemen, railroad	234	.0
625	Bus drivers	40	.0
631	Conductors, bus and street railway	17	.0
632	Deliverymen and routemen	105	.0
633	Dressmakers and seamstresses, except factory	2345	.5
634	Dyers	53	.0
635	Filers, grinders, and polishers, metal	76	.0
641	Furnacemen, smeltermen, and pourers	426	.1
642	Heaters, metal	22	.0
643	Laundry and dry cleaning operatives	559	.1
644	Meat cutters, except slaughter and packing house	777	.2
645	Milliners	401	.1
650	Mine operatives and laborers	2744	.5
661	Motormen, street, subway, and elevated railway	108	.0
670	Painters, except construction and maintenance	198	.0
671	Photographic process workers	3	.0
673	Sailors and deck hands	726	.1
674	Sawyers	93	.0
675	Spinners, textile	28	.0
680	Stationary firemen	146	.0
681	Switchmen, railroad	32	.0
682	Taxicab drivers and chaffeurs	68	.0
683	Truck and tractor drivers	1610	.3
684	Weavers, textile	278	.1
685	Welders and flame-cutters	2	.0
690	Operatives and kindred workers, n.e.c.	12984	2.6
PRIVATE HOUSEHOLD WORKERS			
700	Housekeepers, private household	706	.1
710	Laundresses, private household	803	.2
720	Private household workers, n.e.c.	11424	2.3

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
OCC1950 (continued)			
SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD			
730	Attendants, hospital or other institution	22	.0
731	Attendants, professional and personal service, n.e.c.	108	.0
732	Attendants, recreation and amusement	8	.0
740	Barbers, beauticians, and manicurists	468	.1
750	Bartenders	257	.1
751	Bootblacks	19	.0
752	Boarding and lodging house keepers	245	.0
753	Charwomen and cleaners	7	.0
754	Cooks, except private household	104	.0
762	Firemen, fire protection	18	.0
763	Guards, watchmen, and doorkeepers	229	.0
764	Housekeepers and stewards, except private household	39	.0
770	Janitors and sextons	82	.0
771	Marshals and constables	57	.0
772	Midwives	26	.0
773	Policemen and detectives	149	.0
780	Porters	217	.0
781	Practical nurses	289	.1
782	Sheriffs and bailiffs	71	.0
784	Waiters and waitresses	350	.1
785	Watchmen (crossing) and bridge tenders	49	.0
790	Service workers, except private household, n.e.c.	173	.0
FARM LABORERS AND FOREMEN			
810	Farm foremen	40	.0
820	Farm laborers, wage workers	34179	6.8
LABORERS, EXCEPT FARM AND MINE			
910	Fishermen and oystermen	349	.1
930	Gardeners, except farm, and groundskeepers	428	.1
940	Longshoremen and stevedores	106	.0
950	Lumbermen, raftsmen, and woodchoppers	512	.1
970	Laborers, n.e.c.	20218	4.0

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

OCC1950 (continued)

OTHER, EMPLOYED

975	Employed, occupation unspecified	145	.0
-----	----------------------------------	-----	----

NON-OCCUPATIONAL RESPONSES

981	Keeping house, logical change	7687	1.5
982	Keeping house	82845	16.5
983	At home	41657	8.3
984	Student	35277	7.0
985	Retired	1237	.2
986	Without occupation, unemployed	2235	.4
987	Sick, disabled	156	.0
988	Institutional inmate	204	.0
989	Gentleman	81	.0
990	Other non-occupational response	2078	.4
997	Unclassifiable	40	.0
998	Illegible	57	.0
999	Missing	147536	29.3
		-----	-----
	TOTAL	502913	100.0

DETOCC Detailed Occupation Code
(See Appendix C)

P32-35

0-9660		355341	70.7
9998	Illegible	41	.0
9999	Missing	147536	29.3
		-----	-----
	TOTAL	502913	100.0

UNEMP Months Unemployed in Past Year
P36-37

0	210	.0
1	1101	.2
2	2305	.5
3	2490	.5
4	2310	.5
5	958	.2
6	2006	.4
7	334	.1
8	552	.1

Variable Name	Item Description	Frequency	Percent
UNEMP (continued)			
9		374	.1
10		439	.1
11		154	.0
12		2287	.5
99	Missing	487393	96.9
		-----	-----
TOTAL		502913	100.0

SICKNESS Sickness on Day of Enumeration
P38-41

101	Typhoid Fever	65	.0
102	Typhus Fever	3	.0
103	Malaria	175	.0
105	Smallpox	1	.0
105	Measles	229	.0
106	Scarlet Fever	13	.0
107	Whooping Cough	71	.0
108	Diphtheria	35	.0
109	Cholera	14	.0
110	Dysentery	66	.0
111	Erysipelas	41	.0
112	Chicken Pox	1	.0
113	Mumps	22	.0
114	Rheumatic Fever	30	.0
115	Fevers (nec)	162	.0
116	Meningitis	3	.0
201	Rickets	3	.0
202	Tumors (nec)	22	.0
203	Rheumatism	531	.1
204	Scurvy	2	.0
205	Diabetes	9	.0
206	Anaemia	1	.0
207	Alcoholism	6	.0
208	Hydrocephalis	5	.0
301	Pulmonary Tuberculosis	339	.1
302	Potts Disease	1	.0
303	White Swelling	25	.0
304	Tuberculosis, other organs	2	.0
305	Disseminated Tuberculosis	70	.0
400	Venereal Disease (nec)	1	.0
401	Syphilis	9	.0
402	Gonorrhea	1	.0
501	Cancer of Stomach, Liver	2	.0
502	Cancer of Breast	2	.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
SICKNESS (continued)			
503	Cancer of Skin	5	.0
504	Cancer (nec)	52	.0
601	Migraine, Headache	26	.0
602	Fainting, Vertigo	13	.0
603	Locomotor Ataxia	28	.0
604	Cerebral Hemorrhage	3	.0
605	Paralysis	246	.0
606	Convulsions	36	.0
607	Chorea	17	.0
608	Epilepsy	56	.0
609	Neuralgia, Neuritis	64	.0
610	Other Nervous System Disorder	4	.0
611	Eye Disease	56	.0
612	Ear Disease	2	.0
701	Pericarditis	2	.0
702	Organic Heart Disease	103	.0
704	Functional Disorders of the Heart	9	.0
705	Disease of Arteries	4	.0
706	Disease of Veins	2	.0
707	Lymphatic System	2	.0
709	Hemorrhages	6	.0
801	Influenza, Cold	60	.0
802	Acute Bronchitis	1	.0
803	Chronic Bronchitis	42	.0
804	Pneumonia	54	.0
805	Pleurisy	15	.0
806	Pulmonary Congestion	8	.0
807	Asthma	78	.0
808	Other Respiratory	104	.0
901	Throat	12	.0
902	Ulcers	6	.0
903	Dyspepsia	79	.0
904	Other Stomach	14	.0
905	Diarrhea, Enteritis	42	.0
906	Colic	10	.0
907	Hernias, Obstruction	42	.0
908	Other Intestinal	21	.0
909	Atrophy of Liver	3	.0
910	Other Liver	66	.0
911	Disease of Spleen	3	.0
1001	Chronic Nephritis	116	.0
1002	Other Kidney	6	.0
1003	Urinary Tract Calculi	17	.0
1004	Disease of Bladder	4	.0
1005	Disease of Urethra	3	.0

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
SICKNESS (continued)			
1008	Inflammation, Prostate Gland	1	.0
1011	Strangury	1	.0
1101	Pregnancy	9	.0
1102	Childbirth	68	.0
1103	Puerperal Septicemia	2	.0
1104	Illness After Childbirth	3	.0
1105	Other Puerperal	9	.0
1106	Miscarriage	1	.0
1201	Menstruation	2	.0
1202	Menopause	2	.0
1203	Uterine Ailment	27	.0
1204	Other Female	22	.0
1301	Furuncle	7	.0
1302	Acute Abcess	17	.0
1303	Hemorrhoids	17	.0
1304	Other Skin Disease	20	.0
1401	Leg, Ankle, Foot	15	.0
1402	Hip	24	.0
1403	Back or Spine	109	.0
1404	Dental	18	.0
1405	Necrosis	2	.0
1501	Congenital Malformation	16	.0
1502	Merasmus	5	.0
1503	Other Congenital Conditions	2	.0
1601	Feebleness	116	.0
1602	Senility	1	.0
1701	Chronic Illness (nec)	177	.0
1702	Poisoned	12	.0
1801	Unspecified Illness	73	.0
1802	Incomplete Information	89	.0
1803	Miscellaneous	4	.0
2100	Melancholy	6	.0
2101	Mania	8	.0
2102	Hysteria	2	.0
2103	Nerves	40	.0
2104	Dementia	15	.0
2105	Insane (nec)	109	.0
2200	Idiotic	21	.0
2300	Maimed	3	.0
2301	Burns	6	.0
2302	Gunshot Wounds	19	.0
2303	Accidents	36	.0
2304	Injury to Leg, Ankle	173	.0
2305	Injury to Hip	20	.0
2306	Injury to Arm, Hand	66	.0
2307	Injury, Ribcage	6	.0

Variable Name	Item Description	Frequency	Percent
------------------	---------------------	-----------	---------

SICKNESS (continued)

2308	Injury to Back, Spine	7	.0
2309	Amp or Missing Limbs	60	.0
2310	Other Trauma	43	.0
2311	Other Fractures	24	.0
2312	One Eye	7	.0
2400	Blind	74	.0
2500	Deaf	24	.0
2600	Dumb	1	.0
9800	Illegible	33	.0
9900	Not applicable	2278	.5
9999	Missing	495457	98.5
		-----	-----
	TOTAL	502913	100.0

BLIND
P42

	Blind		
0	Blank	502414	99.9
1	Yes	499	.1
		-----	-----
	TOTAL	502913	100.0

DEAF
P43

	Deaf and Dumb		
0	Blank	502524	99.9
1	Yes	389	.1
		-----	-----
	TOTAL	502913	100.0

IDIOTIC
P44

	Idiotic		
0	Blank	502368	99.9
1	Yes	545	.1
		-----	-----
	TOTAL	502913	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
INSANE P45	Insane		
0	Blank	502013	99.8
1	Yes	900	.2
		-----	-----
	TOTAL	502913	100.0
MAIMED P46	Maimed, Crippled, Bedridden or Otherwise Disabled		
0	Blank	499505	99.3
1	Yes	3408	.7
		-----	-----
	TOTAL	502913	100.0
SCHOOL P47	School Attendance		
0	Blank	412942	82.1
1	Yes	89971	17.9
		-----	-----
	TOTAL	502913	100.0
LIT P48	Literacy		
0	Blank	419813	83.5
1	Cannot read	534	.1
2	Cannot write	14452	2.9
3	Cannot read or write	68114	13.5
		-----	-----
	TOTAL	502913	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
BPL <i>P49-51</i>	Birthplace		
101	Alabama	13347	2.7
102	Alaska Purchase	16	.0
104	Arizona Territory	86	.0
105	Arkansas	5146	1.0
106	California	3522	.7
108	Colorado	350	.1
109	Connecticut	5375	1.1
110	Delaware	1542	.3
111	District of Columbia	1077	.2
112	Florida	1872	.4
113	Georgia	17735	3.5
116	Idaho Territory	80	.0
117	Illinois	22285	4.4
118	Indiana	17705	3.5
119	Iowa	9121	1.8
120	Kansas	2790	.6
121	Kentucky	18371	3.7
122	Louisiana	8232	1.6
123	Maine	7814	1.6
124	Maryland	9641	1.9
125	Massachusetts	12870	2.6
126	Michigan	9091	1.8
127	Minnesota	3251	.6
128	Mississippi	10529	2.1
129	Missouri	15999	3.2
130	Montana Territory	68	.0
131	Nebraska	1008	.2
132	Nevada	183	.0
133	New Hampshire	3851	.8
134	New Jersey	8919	1.8
135	New Mexico Territory	1145	.2
136	New York	46633	9.3
137	North Carolina	16913	3.4
138	Dakota Territory	212	.0
139	Ohio	32895	6.5
141	Oregon	832	.2
142	Pennsylvania	41926	8.3
144	Rhode Island	2013	.4
145	South Carolina	11846	2.4
147	Tennessee	17482	3.5
148	Texas	9084	1.8
149	Utah Territory	853	.2
150	Vermont	4390	.9
151	Virginia	22166	4.4

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
BPL (continued)			
153	Washington Territory	221	.0
154	West Virginia	4349	.9
155	Wisconsin	9048	1.8
156	Wyoming Territory	41	.0
160	Indian Territory	22	.0
170	Native American (Indian)	25	.0
199	United States, (nec)	105	.0
201	At Sea	54	.0
301	Germany, (nec)	4838	1.0
302	Bavaria	1893	.4
303	Wurttemberg	1102	.2
304	Oldenburg	131	.0
305	Lubeck	2	.0
306	Mecklenburg	422	.1
307	Schwerin	20	.0
308	Strelitz	8	.0
309	Hessen	976	.2
310	Baden	1228	.2
311	Waldeck	11	.0
312	Lippe	8	.0
313	Bremen	58	.0
314	Alsace-Lorraine	4	.0
315	Alsace	222	.0
316	Lorraine	6	.0
317	Thuingen States	3	.0
318	Sachsen-Weimar-Eisenach	10	.0
319	Sachsen-Altenburg	9	.0
320	Sachsen-Coburg	4	.0
321	Sachsen-Gotha	6	.0
322	Sachsen-Meiningen	3	.0
323	Schwarzburg	8	.0
324	Saxony	559	.1
325	Anhalt	1	.0
326	Prussia	5982	1.2
327	East Prussia	3	.0
328	West Prussia	13	.0
329	Silesia	14	.0
330	Hohenzollern	3	.0
331	Hanover	1075	.2
332	Brunswick	6	.0
333	Hamburg	73	.0
334	Prussian Poland	11	.0
335	Schleswig-Holstein	16	.0
336	Schleswig	74	.0
337	Holstein	200	.0
338	Pomerania	90	.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
BPL (continued)			
339	Posen	35	.0
340	Brandenburg	52	.0
341	Westphalia	44	.0
342	Hessen Nassau	263	.1
343	Rhine Province	29	.0
401	Europe, (nec)	36	.0
409	United Kingdom, (nec)	48	.0
410	England	6492	1.3
411	Scotland	1713	.3
412	Wales	837	.2
413	Ireland	18705	3.7
415	Norway	1884	.4
416	Sweden	2110	.4
417	Denmark	649	.1
418	Netherlands	588	.1
419	Belgium	140	.0
420	Switzerland	839	.2
421	France	1047	.2
423	Poland, (nec)	405	.1
424	Bohemia-Moravia	925	.2
425	Austria	333	.1
426	Hungary	103	.0
427	Austria-Hungary	15	.0
431	Finland	72	.0
434	Greece	26	.0
435	Italy	424	.1
436	Spain	49	.0
437	Portugal	94	.0
439	Luxembourg	134	.0
442	Turkey	6	.0
511	Canada, (nec)	5880	1.2
514	British Columbia	2	.0
520	Ontario--Upper Canada	159	.0
523	Quebec--Lower Canada	106	.0
526	New Brunswick	520	.1
530	Nova Scotia	533	.1
533	Prince Edward Island	82	.0
536	Newfoundland	36	.0
541	Bermuda	2	.0
551	Central America, (nec)	3	.0
554	Mexico	744	.1
557	Cuba	59	.0
560	West Indies, (nec)	90	.0
571	South America, (nec)	23	.0
572	Chile	20	.0

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
BPL (continued)			
573	Peru	4	.0
574	Brazil	8	.0
575	Venezuela	4	.0
576	Guyana/British Guiana	2	.0
577	Colombia	7	.0
601	Asia, (nec)	6	.0
604	Southwest Asia, (nec)	6	.0
607	India	10	.0
610	Russia	312	.1
611	Poland-Russia	82	.0
613	China	1138	.2
619	East Indies	10	.0
641	Africa, (nec)	24	.0
642	South Africa	5	.0
643	Algeria	2	.0
644	Guinea	1	.0
645	Egypt/United Arab Republic	1	.0
651	Azores	32	.0
654	Liberia	1	.0
671	Australia	37	.0
674	New Zealand	6	.0
675	Hawaii	7	.0
700	Country not specified/Abroad	18	.0
995	Indeterminate	162	.0
998	Illegible	97	.0
999	Blank	1352	.3
TOTAL		502913	100.0

FBPL Father's Birthplace
P52-54

101	Alabama	9931	2.0
102	Alaska Purchase	5	.0
104	Arizona Territory	25	.0
105	Arkansas	1519	.3
106	California	359	.1
108	Colorado	2	.0
109	Connecticut	6115	1.2
110	Delaware	1563	.3
111	District of Columbia	422	.1
112	Florida	910	.2
113	Georgia	18562	3.7
116	Idaho Territory	10	.0
117	Illinois	5540	1.1

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
FBPL (continued)			
118	Indiana	9359	1.9
119	Iowa	852	.2
120	Kansas	51	.0
121	Kentucky	20310	4.0
122	Louisiana	5171	1.0
123	Maine	7851	1.6
124	Maryland	10253	2.0
125	Massachusetts	10457	2.1
126	Michigan	1832	.4
127	Minnesota	72	.0
128	Mississippi	6340	1.3
129	Missouri	5718	1.1
130	Montana Territory	9	.0
131	Nebraska	17	.0
132	Nevada	18	.0
133	New Hampshire	4483	.9
134	New Jersey	7576	1.5
135	New Mexico Territory	1092	.2
136	New York	35284	7.0
137	North Carolina	22955	4.6
138	Dakota Territory	19	.0
139	Ohio	24153	4.8
141	Oregon	64	.0
142	Pennsylvania	39004	7.8
144	Rhode Island	1842	.4
145	South Carolina	15798	3.1
147	Tennessee	19346	3.8
148	Texas	1466	.3
149	Utah Territory	35	.0
150	Vermont	5503	1.1
151	Virginia	33317	6.6
153	Washington Territory	27	.0
154	West Virginia	2535	.5
155	Wisconsin	870	.2
156	Wyoming Territory	2	.0
160	Indian Territory	11	.0
170	Native American (Indian)	5	.0
199	United States, (nec)	233	.0
201	At Sea	54	.0
301	Germany, (nec)	13127	2.6
302	Bavaria	4805	1.0
303	Wurttemberg	2804	.6
304	Oldenburg	285	.1
305	Lubeck	3	.0
306	Mecklenburg	865	.2

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
FBPL (continued)			
307	Schwerin	36	.0
308	Strelitz	9	.0
309	Hessen	2544	.5
310	Baden	3220	.6
311	Waldeck	51	.0
312	Lippe	30	.0
313	Bremen	146	.0
314	Alsace-Lorraine	7	.0
315	Alsace	520	.1
316	Lorraine	7	.0
317	Thuingien States	10	.0
318	Sachsen-Weimar-Eisenach	30	.0
319	Sachsen-Altenburg	19	.0
320	Sachsen-Coburg	20	.0
321	Sachsen-Gotha	14	.0
322	Sachsen-Meiningen	4	.0
323	Schwarzburg	28	.0
324	Saxony	1316	.3
325	Anholt	5	.0
326	Prussia	14105	2.8
327	East Prussia	4	.0
328	West Prussia	20	.0
329	Silesia	19	.0
330	Hohenzollern	10	.0
331	Hanover	2499	.5
332	Brunswick	16	.0
333	Hamburg	151	.0
334	Prussian Poland	11	.0
335	Schleswig-Holstein	22	.0
336	Schleswig	122	.0
337	Holstein	382	.1
338	Pomerania	178	.0
339	Posen	54	.0
340	Brandenburg	104	.0
341	Westphalia	108	.0
342	Hessen Nassau	636	.1
343	Rhine Province	64	.0
401	Europe, (nec)	119	.0
409	United Kingdom, (nec)	87	.0
410	England	14270	2.8
411	Scotland	4443	.9
412	Wales	1688	.3
413	Ireland	46287	9.2
415	Norway	3332	.7
416	Sweden	3134	.6
417	Denmark	1103	.2

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
FBPL (continued)			
418	Netherlands	1288	.3
419	Belgium	302	.1
420	Switzerland	1822	.4
421	France	2782	.6
423	Poland, (nec)	735	.1
424	Bohemia-Moravia	1573	.3
425	Austria	574	.1
426	Hungary	164	.0
427	Austria-Hungary	33	.0
431	Finland	99	.0
434	Greece	41	.0
435	Italy	679	.1
436	Spain	141	.0
437	Portugal	168	.0
439	Luxembourg	355	.1
442	Turkey	4	.0
511	Canada, (nec)	7602	1.5
514	British Columbia	2	.0
520	Ontario--Upper Canada	117	.0
523	Quebec--Lower Canada	124	.0
526	New Brunswick	614	.1
530	Nova Scotia	707	.1
533	Prince Edward Island	89	.0
536	Newfoundland	49	.0
541	Bermuda	12	.0
551	Central America, (nec)	2	.0
554	Mexico	1036	.2
557	Cuba	94	.0
560	West Indies, (nec)	154	.0
571	South America, (nec)	18	.0
572	Chile	23	.0
573	Peru	5	.0
574	Brazil	11	.0
576	Guyana/British Guiana	1	.0
577	Colombia	1	.0
601	Asia, (nec)	5	.0
604	Southwest Asia, (nec)	9	.0
607	India	9	.0
610	Russia	500	.1
611	Poland-Russia	90	.0
613	China	1146	.2
619	East Indies	9	.0
641	Africa, (nec)	139	.0
642	South Africa	7	.0
644	Guinea	4	.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
FBPL (continued)			
651	Azores	49	.0
654	Liberia	2	.0
671	Australia	6	.0
674	New Zealand	1	.0
675	Hawaii	5	.0
700	Country not specified/Abroad	41	.0
995	Indeterminate	2144	.4
998	Illegible	207	.0
999	Blank	15299	3.0
		-----	-----
TOTAL		502913	100.0

MBPL Mother's Birthplace
P55-57

101	Alabama	11125	2.2
102	Alaska Purchase	10	.0
104	Arizona Territory	25	.0
105	Arkansas	1970	.4
106	California	553	.1
108	Colorado	5	.0
109	Connecticut	5781	1.1
110	Delaware	1543	.3
111	District of Columbia	495	.1
112	Florida	1118	.2
113	Georgia	18624	3.7
116	Idaho Territory	14	.0
117	Illinois	7614	1.5
118	Indiana	11008	2.2
119	Iowa	1411	.3
120	Kansas	75	.0
121	Kentucky	20338	4.0
122	Louisiana	5929	1.2
123	Maine	7851	1.6
124	Maryland	9875	2.0
125	Massachusetts	9886	2.0
126	Michigan	2520	.5
127	Minnesota	123	.0
128	Mississippi	7160	1.4
129	Missouri	7326	1.5
130	Montana Territory	17	.0
131	Nebraska	16	.0
132	Nevada	21	.0
133	New Hampshire	4133	.8
134	New Jersey	7676	1.5

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
MBPL (continued)			
135	New Mexico Territory	1116	.2
136	New York	36075	7.2
137	North Carolina	21372	4.2
138	Dakota Territory	21	.0
139	Ohio	26214	5.2
141	Oregon	133	.0
142	Pennsylvania	39331	7.8
144	Rhode Island	1725	.3
145	South Carolina	15231	3.0
147	Tennessee	19489	3.9
148	Texas	2056	.4
149	Utah Territory	106	.0
150	Vermont	5104	1.0
151	Virginia	31891	6.3
153	Washington Territory	39	.0
154	West Virginia	2636	.5
155	Wisconsin	1471	.3
160	Indian Territory	15	.0
170	Native American (Indian)	9	.0
199	United States, (nec)	223	.0
201	At Sea	30	.0
301	Germany, (nec)	11797	2.3
302	Bavaria	4646	.9
303	Wurttemberg	2653	.5
304	Oldenburg	304	.1
305	Lubeck	2	.0
306	Mecklenburg	871	.2
307	Schwerin	33	.0
308	Strelitz	13	.0
309	Hessen	2255	.4
310	Baden	2873	.6
311	Waldeck	19	.0
312	Lippe	19	.0
313	Bremen	109	.0
314	Alsace-Lorraine	6	.0
315	Alsace	552	.1
316	Lorraine	12	.0
317	Thuingen States	3	.0
318	Sachsen-Weimar-Eisenach	25	.0
319	Sachsen-Altenburg	20	.0
320	Sachsen-Coburg	7	.0
321	Sachsen-Gotha	14	.0
322	Sachsen-Meiningen	4	.0
323	Schwarzburg	18	.0
324	Saxony	1068	.2

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
MBPL (continued)			
325	Anhalt	1	.0
326	Prussia	12941	2.6
327	East Prussia	2	.0
328	West Prussia	25	.0
329	Silesia	13	.0
330	Hohenzollern	7	.0
331	Hanover	2453	.5
332	Brunswick	9	.0
333	Hamburg	107	.0
334	Prussian Poland	11	.0
335	Schleswig-Holstein	22	.0
336	Schleswig	135	.0
337	Holstein	374	.1
338	Pomerania	178	.0
339	Posen	56	.0
340	Brandenburg	95	.0
341	Westphalia	100	.0
342	Hessen Nassau	624	.1
343	Rhine Province	64	.0
401	Europe, (nec)	93	.0
409	United Kingdom, (nec)	83	.0
410	England	12629	2.5
411	Scotland	3925	.8
412	Wales	1585	.3
413	Ireland	44778	8.9
415	Norway	3283	.7
416	Sweden	3083	.6
417	Denmark	957	.2
418	Netherlands	1164	.2
419	Belgium	254	.1
420	Switzerland	1662	.3
421	France	2244	.4
423	Poland, (nec)	670	.1
424	Bohemia-Moravia	1645	.3
425	Austria	567	.1
426	Hungary	116	.0
427	Austria-Hungary	23	.0
431	Finland	87	.0
434	Greece	29	.0
435	Italy	592	.1
436	Spain	86	.0
437	Portugal	138	.0
439	Luxembourg	318	.1
442	Turkey	6	.0
511	Canada, (nec)	7736	1.5
514	British Columbia	8	.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
MBPL (continued)			
520	Ontario--Upper Canada	130	.0
523	Quebec--Lower Canada	116	.0
526	New Brunswick	633	.1
530	Nova Scotia	729	.1
533	Prince Edward Island	86	.0
536	Newfoundland	49	.0
541	Bermuda	11	.0
551	Central America, (nec)	5	.0
554	Mexico	1036	.2
557	Cuba	72	.0
560	West Indies, (nec)	130	.0
571	South America, (nec)	25	.0
572	Chile	28	.0
573	Peru	3	.0
574	Brazil	9	.0
575	Venezuela	1	.0
576	Guyana/British Guiana	2	.0
577	Colombia	1	.0
578	Bolivia	1	.0
579	Argentina	1	.0
601	Asia, (nec)	10	.0
604	Southwest Asia, (nec)	11	.0
607	India	5	.0
610	Russia	445	.1
611	Poland-Russia	84	.0
613	China	1138	.2
619	East Indies	13	.0
641	Africa, (nec)	81	.0
642	South Africa	2	.0
643	Algeria	1	.0
644	Guinea	1	.0
651	Azores	49	.0
654	Liberia	1	.0
671	Austrailia	12	.0
675	Hawaii	7	.0
700	Country not specified/Abroad	41	.0
995	Indeterminate	1823	.4
998	Illegible	302	.1
999	Blank	14989	3.0
TOTAL		502913	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
NFAM	Number of Own Family Members in Household including self		
<i>P58-59</i>			
1		41958	8.3
2		33570	6.7
3		54275	10.8
4		69239	13.8
5		73081	14.5
6		67125	13.3
7		56704	11.3
8		42494	8.4
9		29458	5.9
10		17341	3.4
11		9515	1.9
12		4548	.9
13		2002	.4
14		840	.2
15		480	.1
16		96	.0
17		51	.0
18		36	.0
19		76	.0
24		24	.0
		-----	-----
	TOTAL	502913	100.0

NCHILD	Number of Own Children in Household		
<i>P60</i>			
0		345333	68.7
1		43289	8.6
2		34619	6.9
3		26798	5.3
4		19684	3.9
5		13974	2.8
6		9095	1.8
7		5489	1.1
8		2634	.5
9		1998	.4
		-----	-----
	TOTAL	502913	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
NCHLT5	Number of Own Children Under Age Five in Household		
<i>P61</i>			
0		460077	91.5
1		23165	4.6
2		16053	3.2
3		3431	.7
4		181	.0
5		5	.0
6		1	.0
		-----	-----
	TOTAL	502913	100.0
ELDCH	Age of Eldest Own Child		
<i>P62-63</i>			
0-85		157192	31.2
98	Missing or Illegible	378	.1
99	Not applicable	345343	68.7
		-----	-----
	TOTAL	502913	100.0
YNGCH	Age of Youngest Own Child		
<i>P64-65</i>			
0-85		157192	31.2
98	Missing or Illegible	378	.1
99	Not applicable	345343	68.7
		-----	-----
	TOTAL	502913	100.0

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
MOMLOC P66-67	Position in Household of Own Mother		
0	Not applicable	256693	51.0
1		23194	4.6
2		212031	42.2
3		2723	.5
4		2619	.5
5		1708	.3
6		1288	.3
7		936	.2
8		633	.1
9		417	.1
10		258	.1
11		184	.0
12		90	.0
13		49	.0
14		23	.0
15		14	.0
16		13	.0
17		8	.0
18		17	.0
19		3	.0
20		4	.0
21		1	.0
22		1	.0
23		1	.0
24		3	.0
25		2	.0
TOTAL		502913	100.0

MOMRULE P68	Rule used for linking mothers (See family interrelation section for discussion of rules, pp. 13-20 above)		
0	No link	251855	50.1
1	Rule 1	243522	48.4
2	Rule 2	4035	.8
3	Rule 3	2310	.5
4	Rule 4	251	.0
7	Rule 7	940	.2
TOTAL		502913	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
POPLOC P69-70	Position in Household of Own Father		
0	Not applicable	274446	54.6
1		222262	44.2
2		1233	.2
3		1642	.3
4		823	.2
5		732	.1
6		528	.1
7		416	.1
8		288	.1
9		184	.0
10		130	.0
11		89	.0
12		40	.0
13		29	.0
14		21	.0
15		10	.0
16		12	.0
17		4	.0
18		6	.0
19		4	.0
20		7	.0
21		1	.0
22		1	.0
23		5	.0
TOTAL		502913	100.0

POPRULE P71	Rule used for linking fathers (See family interrelation section for discussion of rules, pp. 13-20 above)		
0	No link	273985	54.5
1	Rule 1	224398	44.6
2	Rule 2	2537	.5
3	Rule 3	1455	.3
4	Rule 4	403	.1
7	Rule 7	135	.0
TOTAL		502913	100.0

<u>Variable</u> <u>Name</u>	<u>Item</u> <u>Description</u>	<u>Frequency</u>	<u>Percent</u>
SPLOC P72-73	Position in Household of Own Spouse		
0	Not applicable	333527	66.3
1		81255	16.2
2		81776	16.3
3		1744	.3
4		1531	.3
5		938	.2
6		679	.1
7		485	.1
8		353	.1
9		236	.0
10		144	.0
11		105	.0
12		55	.0
13		26	.0
14		15	.0
15		10	.0
16		8	.0
17		10	.0
18		6	.0
19		1	.0
20		2	.0
21		1	.0
23		2	.0
24		2	.0
28		1	.0
29		1	.0
TOTAL		502913	100.0

SPRULE P74	Rule used for linking spouses (See family interrelation section for discussion of rules, pp. 13-20 above)		
0	No link	333527	66.3
1	Rule 1	166328	33.1
2	Rule 2	726	.1
3	Rule 3	632	.1
4	Rule 4	1570	.3
5	Rule 5	130	.0
TOTAL		502913	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
QGENERAL P75	General Data Quality Flag		
0	Entered as written	502839	100.0
3	Dead	74	.0
	TOTAL	502913	100.0
QRACE P76	Data Quality Flag for RACE		
0	Entered as written	501815	99.8
1	Edited by hand	1	.0
3	Edited in 1880	1097	.2
	TOTAL	502913	100.0
QSEX P77	Data Quality Flag for SEX		
0	Entered as written	500505	99.5
1	Edited by hand	358	.1
3	Edited in 1880	2050	.4
	TOTAL	502913	100.0
QAGE P78	Data Quality Flag for AGE		
0	Entered as written	502686	100.0
1	Edited by hand	7	.0
3	Edited in 1880	220	.0
	TOTAL	502913	100.0
QREL P79	Data Quality Flag for REL		
0	Entered as written	486764	96.8
1	Edited by hand	8238	1.6
2	Edited by computer	7692	1.5
3	Edited in 1880	219	.0
	TOTAL	502913	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
QMARST P80	Data Quality Flag for MARST		
0	Entered as written	460840	91.6
1	Edited by hand	273	.1
2	Edited by computer	41739	8.3
3	Edited in 1880	61	.0
		-----	-----
	TOTAL	502913	100.0
QWITHIN P81	Data Quality Flag for MWITHIN		
0	Entered as written	502832	100.0
1	Edited by hand	8	.0
2	Edited by computer	73	.0
		-----	-----
	TOTAL	502913	100.0
QOCC P82	Data Quality Flag for Occupation		
0	Entered as written	477575	95.0
1	Edited by hand	80	.0
2	Edited by computer	11119	2.2
3	Edited in 1880	342	.1
5	Logical edit	13797	2.7
		-----	-----
	TOTAL	502913	100.0
QUNEMP P83	Data Quality Flag for UNEMP		
0	Entered as written	501640	99.7
3	Edited in 1880	7	.0
4	Value reversed	1266	.3
		-----	-----
	TOTAL	502913	100.0
QSCHOOL P84	Data Quality Flag for SCHOOL		
0	Entered as written	497068	98.8
2	Edited by computer	23	.0
3	Edited in 1880	13	.0
4	Value reversed	5809	1.2
		-----	-----
	TOTAL	502913	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
QLIT <i>P85</i>	Data Quality Flag for LIT		
0	Entered as written	499755	99.4
3	Edited in 1880	130	.0
4	Value reversed	3028	.6
		-----	-----
	TOTAL	502913	100.0
QBPL <i>P86</i>	Data Quality Flag for BPL		
0	Entered as written	501029	99.6
1	Edited by hand	24	.0
3	Edited in 1880	1860	.4
		-----	-----
	TOTAL	502913	100.0
QFBPL <i>P87</i>	Data Quality Flag for FBPL		
0	Entered as written	502122	99.8
1	Edited by hand	34	.0
3	Edited in 1880	410	.1
4	Value reversed	347	.1
		-----	-----
	TOTAL	502913	100.0
QMBPL <i>P88</i>	Data Quality Flag for MBPL		
0	Entered as written	502146	99.8
1	Edited by hand	26	.0
3	Edited in 1880	394	.1
4	Value reversed	347	.1
		-----	-----
	TOTAL	502913	100.0
QLNAME <i>P89</i>	Data Quality Flag for LNAME		
0	Entered as written	498626	99.1
1	Edited by hand	104	.0
3	Edited in 1880	23	.0
4	Value reversed	4160	.8
		-----	-----
	TOTAL	502913	100.0

<u>Variable Name</u>	<u>Item Description</u>	<u>Frequency</u>	<u>Percent</u>
QFNAME <i>P90</i>	Data Quality Flag for FNAME		
0	Entered as written	498656	99.2
1	Edited by hand	4	.0
3	Edited in 1880	93	.0
4	Value reversed	4160	.8
		-----	-----
	TOTAL	502913	100.0
QHHNUM <i>P91</i>	Data Quality Flag for HHNUM		
0	Family number entered as written	501274	99.7
1	Family number suppressed	1559	.3
3	Edited in 1880	80	.0
		-----	-----
	TOTAL	502913	100.0
LNAME <i>P92-107</i>	Last Name		
Alphabetic		502913	100.0
FNAME <i>P108-123</i>	First Name		
Alphabetic		502913	100.0

APPENDIX A
County Codes by State (ICPSR state coding system)

ALABAMA--STATE CODE 41

10 AUTAUGA
30 BALDWIN
50 BARBOUR
70 BIBB
90 BLOUNT
110 BULLOCK
130 BUTLER
150 CALHOUN/BENTON
170 CHAMBERS
190 CHEROKEE
210 CHILTON/BAKER
230 CHOCTAW
250 CLARKE
270 CLAY
290 CLEBURNE
310 COFFEE
330 COLBERT
350 CONECUH
370 COOSA
390 COVINGTON
410 CRENSHAW
430 CULLMAN
450 DALE
470 DALLAS
490 DE KALB
510 ELMORE
530 ESCAMBIA
550 ETOWAH
570 FAYETTE
590 FRANKLIN
610 GENEVA
630 GREENE
650 HALE
670 HENRY
710 JACKSON
730 JEFFERSON
750 LAMAR/SANFORD
770 LAUDERDALE
790 LAWRENCE
810 LEE
830 LIMESTONE
850 LOWNDES
870 MACON
890 MADISON
910 MARENGO
930 MARION

950 MARSHALL
970 MOBILE
990 MONROE
1010 MONTGOMERY
1030 MORGAN/COTACO
1050 PERRY
1070 PICKENS
1090 PIKE
1110 RANDOLPH
1130 RUSSELL
1170 SHELBY
1150 ST CLAIR
1190 SUMTER
1210 TALLADEGA
1230 TALLAPOOSA
1250 TUSCALOOSA
1270 WALKER
1290 WASHINGTON
1310 WILCOX
1330 WINSTON/HANCOCK

ARIZONA TERRITORY

--STATE CODE 61

10 APACHE
130 MARICOPA
150 MOHAVE
190 PIMA
210 PINAL
250 YAVAPAI
270 YUMA

ARKANSAS--STATE CODE 42

10 ARKANSAS
30 ASHLEY
50 BAXTER
70 BENTON
90 BOONE
110 BRADLEY
130 CALHOUN
150 CARROLL
170 CHICOT
190 CLARK
210 CLAY
270 COLUMBIA
290 CONWAY
310 CRAIGHEAD
330 CRAWFORD

350 CRITTENDEN
370 CROSS
390 DALLAS
410 DESHA
415 DORSEY
430 DREW
450 FAULKNER
470 FRANKLIN
490 FULTON
510 GARLAND
530 GRANT
550 GREENE
570 HEMPSTEAD
590 HOT SPRING
610 HOWARD
630 INDEPENDENCE
650 IZARD
670 JACKSON
690 JEFFERSON
710 JOHNSON
730 LAFAYETTE
750 LAWRENCE
770 LEE
790 LINCOLN
810 LITTLE RIVER
830 LOGAN
850 LONOKE
870 MADISON
890 MARION
910 MILLER
930 MISSISSIPPI
950 MONROE
970 MONTGOMERY
990 NEVADA
1010 NEWTON
1030 OUACHITA
1050 PERRY
1070 PHILLIPS
1090 PIKE
1110 POINSETT
1130 POLK
1150 POPE
1170 PRAIRIE
1190 PULASKI
1210 RANDOLPH
1250 SALINE
1270 SCOTT
1290 SEARCY
1310 SEBASTIAN
1330 SEVIER
1350 SHARP

1230 ST FRANCIS
1370 STONE
1390 UNION
1410 VAN BUREN
1430 WASHINGTON
1450 WHITE
1470 WOODRUFF
1490 YELL

CALIFORNIA--STATE CODE 71

10 ALAMEDA
30 ALPINE
50 AMADOR
70 BUTTE
90 CALAVERAS
110 COLUSA
130 CONTRA COSTA
150 DEL NORTE
170 EL DORADO
190 FRESNO
230 HUMBOLDT
270 INYO
290 KERN
330 LAKE
350 LASSEN
370 LOS ANGELES
410 MARIN
430 MARIPOSA
450 MENDOCINO
470 MERCED
490 MODOC
510 MONO
530 MONTEREY
550 NAPA
570 NEVADA
610 PLACER
630 PLUMAS
670 SACRAMENTO
690 SAN BENITO
710 SAN BERNARDINO
730 SAN DIEGO
750 SAN FRANCISCO
770 SAN JOAQUIN
790 SAN LUIS OBISPO
810 SAN MATEO
830 SANTA BARBARA
850 SANTA CLARA
870 SANTA CRUZ
890 SHASTA
910 SIERRA
930 SISKIYOU

950 SOLANO
970 SONOMA
990 STANISLAUS
1010 SUTTER
1030 TEHAMA
1050 TRINITY
1070 TULARE
1090 TUOLUMNE
1110 VENTURA
1130 YOLO
1150 YUBA

COLORADO--STATE CODE 62

50 ARAPAHOE
110 BENT
130 BOULDER
150 CHAFFEE
190 CLEAR CREEK
210 CONEJOS
230 COSTILLA
270 CUSTER
350 DOUGLAS
410 EL PASO
390 ELBERT
430 FREMONT
470 GILPIN
490 GRAND
510 GUNNISON
530 HINSDALE
550 HUERFANO
590 JEFFERSON
670 LA PLATA
650 LAKE
690 LARIMER
710 LAS ANIMAS
910 OURAY
930 PARK
1010 PUEBLO
1050 RIO GRANDE
1070 ROUTT
1090 SAGUACHE
1110 SAN JUAN
1170 SUMMIT
1230 WELD

CONNECTICUT--STATE CODE 1

10 FAIRFIELD
30 HARTFORD
50 LITCHFIELD
70 MIDDLESEX
90 NEW HAVEN

110 NEW LONDON
130 TOLLAND
150 WINDHAM

DAKOTA TERRITORY

--STATE CODE 37

NOTE: The county codes 30 through 1230 correspond to the ICPSR codes for North Dakota and the codes greater than 2000 correspond to South Dakota.

30 BARNES
70 BILLINGS
150 BURLEIGH
170 CASS
290 EMMONS
350 GRAND FORKS
590 MORTON
670 PEMBINA
710 RAMSEY
730 RANSOM
770 RICHLAND
1210 STEVENS
930 STUTSMAN
970 TRAILL
1230 WALLETT
2010 ARMSTRONG
2050 BEADLE
2090 BON HOMME
3950 BOREMAN
2110 BROOKINGS
2150 BRULE
2210 CAMPBELL
2250 CLARK
2270 CLAY
2290 CODINGTON
2330 CUSTER
2350 DAVISON
2390 DEUEL
2510 GRANT
2570 HAMLIN
2610 HANSON
2650 HUGHES
2670 HUTCHINSON
2770 KINGSBURY
2790 LAKE
2810 LAWRENCE
2830 LINCOLN
2850 LYMAN
2870 MCCOOK

2970 MINER
2990 MINNEHAHA
3010 MOODY
3030 PENNINGTON
3150 SPINK
3170 STANLEY
3190 SULLY
3250 TURNER
3270 UNION
3350 YANKTON

DELAWARE--STATE CODE 11

10 KENT
30 NEW CASTLE
50 SUSSEX

DISTRICT OF COLUMBIA

--STATE CODE 98
9999 WASHINGTON

FLORIDA--STATE CODE 43

10 ALACHUA
30 BAKER
70 BRADFORD/NEW RIVER
90 BREVARD/ST LUCIE
130 CALHOUN
190 CLAY
230 COLUMBIA
250 DADE
310 DUVAL
330 ESCAMBIA
370 FRANKLIN
390 GADSDEN
470 HAMILTON
530 HERNANDO/BENTON
570 HILLSBOROUGH
590 HOLMES
630 JACKSON
650 JEFFERSON
670 LAFAYETTE
730 LEON
750 LEVY
770 LIBERTY
790 MADISON
810 MANATEE
830 MARION
870 MONROE
890 NASSAU
950 ORANGE/MOSQUITO
1050 POLK
1070 PUTNAM

1130 SANTA ROSA
1090 ST JOHNS
1190 SUMTER
1210 SUWANNEE
1230 TAYLOR
1270 VOLUSIA
1290 WAKULLA
1310 WALTON
1330 WASHINGTON

GEORGIA--STATE CODE 44

10 APPLING
70 BAKER
90 BALDWIN
110 BANKS
150 BARTOW/CASS
190 BERRIEN
210 BIBB
270 BROOKS
290 BRYAN
310 BULLOCH
330 BURKE
350 BUTTS
370 CALHOUN
390 CAMDEN
410 CAMPBELL
450 CARROLL
470 CATOOSA
490 CHARLTON
510 CHATHAM
530 CHATTAHOOCHEE
550 CHATTOOGA
570 CHEROKEE
590 CLARKE
610 CLAY
630 CLAYTON
650 CLINCH
670 COBB
690 COFFEE
710 COLQUITT
730 COLUMBIA
770 COWETA
790 CRAWFORD
830 DADE
850 DAWSON
890 DE KALB
870 DECATUR
910 DODGE
930 DOOLY
950 DOUGHERTY

970 DOUGLAS
990 EARLY
1010 ECHOLS
1030 EFFINGHAM
1050 ELBERT
1070 EMANUEL
1110 FANNIN
1130 FAYETTE
1150 FLOYD
1170 FORSYTH
1190 FRANKLIN
1210 FULTON
1230 GILMER
1250 GLASCOCK
1270 GLYNN
1290 GORDON
1330 GREENE
1350 GWINNETT
1370 HABERSHAM
1390 HALL
1410 HANCOCK
1430 HARALSON
1450 HARRIS
1470 HART
1490 HEARD
1510 HENRY
1530 HOUSTON
1550 IRWIN
1570 JACKSON
1590 JASPER
1630 JEFFERSON
1670 JOHNSON
1690 JONES
1750 LAURENS
1770 LEE
1790 LIBERTY
1810 LINCOLN
1850 LOWNDES
1870 LUMPKIN
1930 MACON
1950 MADISON
1970 MARION
1890 MCDUFFIE
1910 MCINTOSH
1990 MERIWETHER
2010 MILLER
2030 MILTON
2050 MITCHELL
2070 MONROE
2090 MONTGOMERY
2110 MORGAN

2130 MURRAY
2150 MUSCOGEE
2170 NEWTON
2190 OCONEE
2210 OGLETHORPE
2230 PAULDING
2270 PICKENS
2290 PIERCE
2310 PIKE
2330 POLK
2350 PULASKI
2370 PUTNAM
2390 QUITMAN
2410 RABUN
2430 RANDOLPH
2450 RICHMOND
2470 ROCKDALE
2490 SCHLEY
2510 SCREVEN
2550 SPALDING
2590 STEWART
2610 SUMTER
2630 TALBOT
2650 TALIAFERRO
2670 TATTNALL
2690 TAYLOR
2710 TELFAIR
2730 TERRELL
2750 THOMAS
2810 TOWNS
2850 TROUP
2890 TWIGGS
2910 UNION
2930 UPSON
2950 WALKER
2970 WALTON
2990 WARE
3010 WARREN
3030 WASHINGTON
3050 WAYNE
3070 WEBSTER
3110 WHITE
3130 WHITFIELD
3150 WILCOX
3170 WILKES
3190 WILKINSON
3210 WORTH

IDAHO TERRITORY
--STATE CODE 63
10 ADA

890	ALTURAS	770	JACKSON
70	BEAR LAKE	790	JASPER
150	BOISE	810	JEFFERSON
310	CASSIA	830	JERSEY
490	IDAHO	850	JO DAVIESS
550	KOOTENAI	870	JOHNSON
590	LEMHI	890	KANE
690	NEZ PERCE	910	KANKAKEE
710	ONEIDA	930	KENDALL
730	OWYHEE	950	KNOX
870	WASHINGTON	990	LA SALLE
		970	LAKE
ILLINOIS--STATE CODE 21		1010	LAWRENCE
10	ADAMS	1030	LEE
30	ALEXANDER	1050	LIVINGSTON
50	BOND	1070	LOGAN
70	BOONE	1150	MACON
90	BROWN	1170	MACOUPIN
110	BUREAU	1190	MADISON
130	CALHOUN	1210	MARION
150	CARROLL	1230	MARSHALL
170	CASS	1250	MASON
190	CHAMPAIGN	1270	MASSAC
210	CHRISTIAN	1090	MCDONOUGH
230	CLARK	1110	MCHENRY
250	CLAY	1130	MCLEAN
270	CLINTON	1290	MENARD
290	COLES	1310	MERCER
310	COOK	1330	MONROE
330	CRAWFORD	1350	MONTGOMERY
350	CUMBERLAND	1370	MORGAN
370	DE KALB	1390	MOULTRIE
390	DE WITT	1410	OGLE
410	DOUGLAS	1430	PEORIA
430	DU PAGE	1450	PERRY
450	EDGAR	1470	PIATT
470	EDWARDS	1490	PIKE
490	EFFINGHAM	1510	POPE
510	FAYETTE	1530	PULASKI
530	FORD	1550	PUTNAM
550	FRANKLIN	1570	RANDOLPH
570	FULTON	1590	RICHLAND
590	GALLATIN	1610	ROCK ISLAND
610	GREENE	1650	SALINE
630	GRUNDY	1670	SANGAMON
650	HAMILTON	1690	SCHUYLER
670	HANCOCK	1710	SCOTT
690	HARDIN	1730	SHELBY
710	HENDERSON	1630	ST CLAIR
730	HENRY	1750	STARK
750	IROQUOIS	1770	STEPHENSON

1790 TAZEWELL
1810 UNION
1830 VERMILION
1850 WABASH
1870 WARREN
1890 WASHINGTON
1910 WAYNE
1930 WHITE
1950 WHITESIDE
1970 WILL
1990 WILLIAMSON
2010 WINNEBAGO
2030 WOODFORD

INDIANA--STATE CODE 22

10 ADAMS
30 ALLEN
50 BARTHOLOMEW
70 BENTON
90 BLACKFORD
110 BOONE
130 BROWN
150 CARROLL
170 CASS
190 CLARK
210 CLAY
230 CLINTON
250 CRAWFORD
270 DAVIESS
330 DE KALB
290 DEARBORN
310 DECATUR
350 DELAWARE
370 DUBOIS
390 ELKHART
410 FAYETTE
430 FLOYD
450 FOUNTAIN
470 FRANKLIN
490 FULTON
510 GIBSON
530 GRANT
550 GREENE
570 HAMILTON
590 HANCOCK
610 HARRISON
630 HENDRICKS
650 HENRY
670 HOWARD
690 HUNTINGTON
710 JACKSON

730 JASPER
750 JAY
770 JEFFERSON
790 JENNINGS
810 JOHNSON
830 KNOX
850 KOSCIUSKO
910 LA PORTE
870 LAGRANGE
890 LAKE
930 LAWRENCE
950 MADISON
970 MARION
990 MARSHALL
1010 MARTIN
1030 MIAMI
1050 MONROE
1070 MONTGOMERY
1090 MORGAN
1110 NEWTON
1130 NOBLE
1150 OHIO
1170 ORANGE
1190 OWEN
1210 PARKE
1230 PERRY
1250 PIKE
1270 PORTER
1290 POSEY
1310 PULASKI
1330 PUTNAM
1350 RANDOLPH
1370 RIPLEY
1390 RUSH
1430 SCOTT
1450 SHELBY
1470 SPENCER
1410 ST JOSEPH
1490 STARKE
1510 STEUBEN
1530 SULLIVAN
1550 SWITZERLAND
1570 TIPPECANOE
1590 TIPTON
1610 UNION
1630 VANDERBURGH
1650 VERMILLION
1670 VIGO
1690 WABASH
1710 WARREN
1730 WARRICK

1750 WASHINGTON	890 HOWARD
1770 WAYNE	910 HUMBOLDT
1790 WELLS	930 IDA
1810 WHITE	950 IOWA
1830 WHITLEY	970 JACKSON
	990 JASPER
IOWA--STATE CODE 31	1010 JEFFERSON
10 ADAIR	1030 JOHNSON
30 ADAMS	1050 JONES
50 ALLAMAKEE	1070 KEOKUK
70 APPANOOSE	1090 KOSSUTH
90 AUDUBON	1110 LEE
110 BENTON	1130 LINN
130 BLACK HAWK	1150 LOUISA
150 BOONE	1170 LUCAS
170 BREMER	1190 LYON/BUNCOMBE
190 BUCHANAN	1210 MADISON
210 BUENA VISTA	1230 MAHASKA
230 BUTLER	1250 MARION
250 CALHOUN	1270 MARSHALL
270 CARROLL	1290 MILLS
290 CASS	1310 MITCHELL
310 CEDAR	1330 MONONA
330 CERRO GORDO	1350 MONROE
350 CHEROKEE	1370 MONTGOMERY
370 CHICKASAW	1390 MUSCATINE
390 CLARKE	1410 O BRIEN
410 CLAY	1430 OSCEOLA
430 CLAYTON	1450 PAGE
450 CLINTON	1470 PALO ALTO
470 CRAWFORD	1490 PLYMOUTH
490 DALLAS	1510 POCAHONTAS
510 DAVIS	1530 POLK
530 DECATUR	1550 POTTAWATTAMIE
550 DELAWARE	1570 POWESHIEK
570 DES MOINES	1590 RINGGOLD
590 DICKINSON	1610 SAC
610 DUBUQUE	1630 SCOTT
630 EMMET	1650 SHELBY
650 FAYETTE	1670 SIOUX
670 FLOYD	1690 STORY
690 FRANKLIN	1710 TAMA
710 FREMONT	1730 TAYLOR
730 GREENE	1750 UNION
750 GRUNDY	1770 VAN BUREN
770 GUTHRIE	1790 WAPELLO
790 HAMILTON	1810 WARREN
810 HANCOCK	1830 WASHINGTON
830 HARDIN	1850 WAYNE
850 HARRISON	1870 WEBSTER
870 HENRY	1890 WINNEBAGO

1910 WINNESHIEK	910 JOHNSON
1930 WOODBURY	915 KANSAS
1950 WORTH	930 KEARNY
1970 WRIGHT	950 KINGMAN
	990 LABETTE
KANSAS--STATE CODE 32	1010 LANE
10 ALLEN	1030 LEAVENWORTH
30 ANDERSON	1050 LINCOLN
35 ARAPAHOE	1070 LINN
50 ATCHISON	1110 LYON
75 BARBOUR	1150 MARION
90 BARTON	1170 MARSHALL
110 BOURBON	1130 MCPHERSON
130 BROWN	1190 MEADE
135 BUFFALO	1210 MIAMI/LYKINS
150 BUTLER	1230 MITCHELL
170 CHASE	1250 MONTGOMERY
190 CHAUTAUQUA	1270 MORRIS
210 CHEROKEE/MCGHEE	1310 NEMAHA
230 CHEYENNE	1330 NEOSHO/DORN
250 CLARK	1350 NESS
270 CLAY	1370 NORTON
290 CLOUD	1390 OSAGE
310 COFFEY	1410 OSBORNE
330 COMANCHE	1430 OTTAWA
350 COWLEY	1450 PAWNEE
370 CRAWFORD	1470 PHILLIPS
375 DAVIS	1490 POTTAWATOMIE
390 DECATUR	1510 PRATT
410 DICKINSON	1530 RAWLINS
430 DONIPHAN	1550 RENO
450 DOUGLAS	1570 REPUBLIC
470 EDWARDS	1590 RICE
490 ELK	1610 RILEY
510 ELLIS	1630 ROOKS
530 ELLSWORTH	1650 RUSH
555 FOOTE	1670 RUSSELL
570 FORD	1690 SALINE
590 FRANKLIN	1710 SCOTT
630 GOVE	1730 SEDGWICK
650 GRAHAM	1735 SEQUOYAH
670 GRANT	1750 SEWARD
710 GREELEY	1770 SHAWNEE
730 GREENWOOD	1790 SHERIDAN
750 HAMILTON	1810 SHERMAN
770 HARPER	1830 SMITH
790 HARVEY	1850 STAFFORD
830 HODGEMAN	1870 STANTON
850 JACKSON	1890 STEVENS
870 JEFFERSON	1910 SUMNER
890 JEWELL	1930 THOMAS

1950 TREGO	850 GRAYSON
1970 WABAUNSEE	870 GREEN
1990 WALLACE	890 GREENUP
2010 WASHINGTON	910 HANCOCK
2030 WICHITA	930 HARDIN
2050 WILSON	950 HARLAN
2070 WOODSON	970 HARRISON
2090 WYANDOTTE	990 HART
KENTUCKY--STATE CODE 51	1010 HENDERSON
10 ADAIR	1030 HENRY
30 ALLEN	1050 HICKMAN
50 ANDERSON	1070 HOPKINS
70 BALLARD	1090 JACKSON
90 BARREN	1110 JEFFERSON
110 BATH	1130 JESSAMINE
130 BELL	1150 JOHNSON
150 BOONE	1155 JOSH BELL
170 BOURBON	1170 KENTON
190 BOYD	1210 KNOX
210 BOYLE	1230 LARUE
230 BRACKEN	1250 LAUREL
250 BREATHITT	1270 LAWRENCE
270 BRECKINRIDGE	1290 LEE
290 BULLITT	1310 LESLIE
310 BUTLER	1330 LETCHER
330 CALDWELL	1350 LEWIS
350 CALLOWAY	1370 LINCOLN
370 CAMPBELL	1390 LIVINGSTON
410 CARROLL	1410 LOGAN
430 CARTER	1430 LYON
450 CASEY	1510 MADISON
470 CHRISTIAN	1530 MAGOFFIN
490 CLARK	1550 MARION
510 CLAY	1570 MARSHALL
530 CLINTON	1590 MARTIN
550 CRITTENDEN	1610 MASON
570 CUMBERLAND	1450 MCCracken
590 DAVIESS	1490 MCLEAN
610 EDMONSON	1630 MEADE
630 ELLIOTT	1650 MENIFEE
650 ESTILL	1670 MERCER
670 FAYETTE	1690 METCALFE
690 FLEMING	1710 MONROE
710 FLOYD	1730 MONTGOMERY
730 FRANKLIN	1750 MORGAN
750 FULTON	1770 MUHLENBERG
770 GALLATIN	1790 NELSON
790 GARRARD	1810 NICHOLAS
810 GRANT	1830 OHIO
830 GRAVES	1850 OLDHAM
	1870 OWEN

1890 OWSLEY
1910 PENDLETON
1930 PERRY
1950 PIKE
1970 POWELL
1990 PULASKI
2010 ROBERTSON
2030 ROCKCASTLE
2050 ROWAN
2070 RUSSELL
2090 SCOTT
2110 SHELBY
2130 SIMPSON
2150 SPENCER
2170 TAYLOR
2190 TODD
2210 TRIGG
2230 TRIMBLE
2250 UNION
2270 WARREN
2290 WASHINGTON
2310 WAYNE
2330 WEBSTER
2350 WHITLEY
2370 WOLFE
2390 WOODFORD

LOUISIANA--STATE CODE 45

50 ASCENSION
70 ASSUMPTION
90 AVOYELLES
130 BIENVILLE
150 BOSSIER
170 CADDO
190 CALCASIEU
210 CALDWELL
230 CAMERON
250 CATAHOULA
270 CLAIBORNE
290 CONCORDIA
310 DE SOTO
330 EAST BATON ROUGE
350 EAST CARROLL
370 EAST FELICIANA
410 FRANKLIN
430 GRANT
450 IBERIA
470 IBERVILLE
490 JACKSON
510 JEFFERSON
550 LAFAYETTE

570 LAFOURCHE
610 LINCOLN
630 LIVINGSTON
650 MADISON
670 MOREHOUSE
690 NATCHITOCHES
710 ORLEANS
730 OUACHITA
750 PLAQUEMINES
770 POINTE COUPEE
790 RAPIDES
810 RED RIVER
830 RICHLAND
850 SABINE
870 ST BERNARD
890 ST CHARLES
910 ST HELENA
930 ST JAMES
950 ST JOHN THE BAPTIST
970 ST LANDRY
990 ST MARTIN
1010 ST MARY
1030 ST TAMMANY
1050 TANGIPAHOA
1070 TENSAS
1090 TERREBONNE
1110 UNION
1130 VERMILLION
1150 VERNON
1170 WASHINGTON
1190 WEBSTER
1210 WEST BATON ROUGE
1230 WEST CARROLL
1250 WEST FELICIANA
1270 WINN

MAINE--STATE CODE 2

10 ANDROSCOGGIN
30 AROOSTOOK
50 CUMBERLAND
70 FRANKLIN
90 HANCOCK
110 KENNEBEC
130 KNOX
150 LINCOLN
170 OXFORD
190 PENOBSCOT
210 PISCATAQUIS
230 SAGADAHOC
250 SOMERSET
270 WALDO

290 WASHINGTON	130 BARAGA
310 YORK	150 BARRY
	170 BAY
MARYLAND--STATE CODE 52	190 BENZIE
10 ALLEGANY	210 BERRIEN
30 ANNE ARUNDEL	230 BRANCH
50 BALTIMORE	250 CALHOUN
5100 BALTIMORE CITY	270 CASS
70 CALVERT	290 CHARLEVOIX
90 CAROLINE	310 CHEBOYGAN
110 CARROLL	330 CHIPPEWA
130 CECIL	350 CLARE
150 CHARLES	370 CLINTON
170 DORCHESTER	390 CRAWFORD
190 FREDERICK	410 DELTA
210 GARRETT	450 EATON
230 HARFORD	470 EMMET
250 HOWARD	490 GENESEE
270 KENT	510 GLADWIN
290 MONTGOMERY	550 GRAND TRAVERSE
310 PRINCE GEORGES	570 GRATIOT
330 QUEEN ANNES	590 HILLSDALE
350 SOMERSET	610 HOUGHTON
370 ST MARYS	630 HURON
390 TALBOT	650 INGHAM
410 WASHINGTON	670 IONIA
430 WICOMICO	690 IOSCO
450 WORCESTER	730 ISABELLA
	735 ISLE ROYALE
MASSACHUSETTS--STATE CODE 3	750 JACKSON
10 BARNSTABLE	770 KALAMAZOO
30 BERKSHIRE	790 KALKASKA
50 BRISTOL	810 KENT
70 DUKES	830 KEWEENAW
90 ESSEX	850 LAKE
110 FRANKLIN	870 LAPEER
130 HAMPDEN	890 LEELANAU
150 HAMPSHIRE	910 LENAWEE
170 MIDDLESEX	930 LIVINGSTON
190 NANTUCKET	970 MACKINAC/MICHILIM
210 NORFOLK	990 MACOMB
230 PLYMOUTH	1010 MANISTEE
250 SUFFOLK	1015 MANITOU
270 WORCESTER	1030 MARQUETTE
	1050 MASON
MICHIGAN--STATE CODE 23	1070 MECOSTA
10 ALCONA	1090 MENOMINEE
50 ALLEGAN	1110 MIDLAND
70 ALPENA	1130 MISSAUKEE
90 ANTRIM	1150 MONROE
	1170 MONTCALM

1190 MONTMORENCY
1210 MUSKEGON
1230 NEWAYGO
1250 OAKLAND
1270 OCEANA
1290 OGEMAW
1310 ONTONAGON
1330 OSCEOLA
1350 OSCODA
1370 OTSEGO
1390 OTTAWA
1410 PRESQUE ISLE
1430 ROSCOMMON
1450 SAGINAW
1510 SANILAC
1530 SCHOOLCRAFT
1550 SHIAWASSEE
1470 ST CLAIR
1490 ST JOSEPH
1570 TUSCOLA
1590 VAN BUREN
1610 WASHTENAW
1630 WAYNE
1650 WEXFORD

MINNESOTA--STATE CODE 33

10 AITKIN
30 ANOKA
50 BECKER
70 BELTRAMI
90 BENTON
110 BIG STONE
130 BLUE EARTH
150 BROWN
170 CARLTON
190 CARVER
210 CASS
230 CHIPPEWA
250 CHISAGO
270 CLAY
310 COOK
330 COTTONWOOD
350 CROW WING
370 DAKOTA
390 DODGE
410 DOUGLAS
430 FARIBAULT
450 FILLMORE
470 FREEBORN
490 GOODHUE
510 GRANT

530 HENNEPIN
550 HOUSTON
590 ISANTI
610 ITASCA
630 JACKSON
650 KANABEC
670 KANDIYOHI
690 KITTSOON/PEMBINA
730 LAC QUI PARLE
750 LAKE
790 LE SUEUR
810 LINCOLN
830 LYON
890 MARSHALL
910 MARTIN
850 MCLEOD
930 MEEKER
950 MILLE LACS
970 MORRISON
990 MOWER
1010 MURRAY
1030 NICOLLET
1050 NOBLES
1090 OLMSTED
1110 OTTER TAIL
1150 PINE
1170 PIPESTONE
1190 POLK
1210 POPE
1230 RAMSEY
1270 REDWOOD
1290 RENVILLE
1310 RICE
1330 ROCK
1390 SCOTT
1410 SHERBURNE
1430 SIBLEY
1370 ST LOUIS
1450 STEARNS
1470 STEELE
1490 STEVENS
1510 SWIFT
1530 TODD
1550 TRAVERSE
1570 WABASHA
1590 WADENA
1610 WASECA
1630 WASHINGTON
1650 WATONWAN
1670 WILKIN/TOOMBS
1690 WINONA

1710 WRIGHT
1730 YELLOW MEDICINE

MISSISSIPPI--STATE CODE 46

10 ADAMS
30 ALCORN
50 AMITE
70 ATTALA
90 BENTON
110 BOLIVAR
130 CALHOUN
150 CARROLL
170 CHICKASAW
190 CHOCTAW
210 CLAIBORNE
230 CLARKE
250 CLAY
270 COAHOMA
290 COPIAH
310 COVINGTON
330 DE SOTO
370 FRANKLIN
410 GREENE
430 GRENADA
450 HANCOCK
470 HARRISON
490 HINDS
510 HOLMES
550 ISSAQUENA
570 ITAWAMBA
590 JACKSON
610 JASPER
630 JEFFERSON
670 JONES
690 KEMPER
710 LAFAYETTE
750 LAUDERDALE
770 LAWRENCE
790 LEAKE
810 LEE
830 LEFLORE
850 LINCOLN
870 LOWNDES
890 MADISON
910 MARION
930 MARSHALL
950 MONROE
970 MONTGOMERY
990 NESHOPA
1010 NEWTON
1030 NOXUBEE

1050 OKTIBBEHA
1070 PANOLA
1110 PERRY
1130 PIKE
1150 PONTOTOC
1170 PRENTISS
1190 QUITMAN
1210 RANKIN
1230 SCOTT
1250 SHARKEY
1270 SIMPSON
1290 SMITH
1315 SUMNER
1330 SUNFLOWER
1350 TALLAHATCHIE
1370 TATE
1390 TIPPAAH
1410 TISHOMINGO
1430 TUNICA
1450 UNION
1490 WARREN
1510 WASHINGTON
1530 WAYNE
1570 WILKINSON
1590 WINSTON
1610 YALOBUSHA
1630 YAZOO

MISSOURI--STATE CODE 34

10 ADAIR
30 ANDREW
50 ATCHISON
70 AUDRAIN
90 BARRY
110 BARTON
130 BATES
150 BENTON
170 BOLLINGER
190 BOONE
210 BUCHANAN
230 BUTLER
250 CALDWELL
270 CALLAWAY
290 CAMDEN
310 CAPE GIRARDEAU
330 CARROLL
350 CARTER
370 CASS/VAN BUREN
390 CEDAR
410 CHARITON
430 CHRISTIAN

450 CLARK	1470 NODAWAY
470 CLAY	1490 OREGON
490 CLINTON	1510 OSAGE
510 COLE	1530 OZARK
530 COOPER	1550 PEMISCOT
550 CRAWFORD	1570 PERRY
570 DADE	1590 PETTIS
590 DALLAS	1610 PHELPS
610 DAVIESS	1630 PIKE
630 DE KALB	1650 PLATTE
650 DENT	1670 POLK
670 DOUGLAS	1690 PULASKI
690 DUNKLIN	1710 PUTNAM
710 FRANKLIN	1730 RALLS
730 GASCONADE	1750 RANDOLPH
750 GENTRY	1770 RAY
770 GREENE	1790 REYNOLDS
790 GRUNDY	1810 RIPLEY
810 HARRISON	1950 SALINE
830 HENRY/RIVES	1970 SCHUYLER
850 HICKORY	1990 SCOTLAND
870 HOLT	2010 SCOTT
890 HOWARD	2030 SHANNON
910 HOWELL	2050 SHELBY
930 IRON	1830 ST CHARLES
950 JACKSON	1850 ST CLAIR
970 JASPER	1870 ST FRANCOIS
990 JEFFERSON	1890 ST LOUIS
1010 JOHNSON	5100 ST LOUIS CITY
1030 KNOX	1930 STE GENEVIEVE
1050 LACLEDE	2070 STODDARD
1070 LAFAYETTE	2090 STONE
1090 LAWRENCE	2110 SULLIVAN
1110 LEWIS	2130 TANEY
1130 LINCOLN	2150 TEXAS
1150 LINN	2170 VERNON
1170 LIVINGSTON	2190 WARREN
1210 MACON	2210 WASHINGTON
1230 MADISON	2230 WAYNE
1250 MARIES	2250 WEBSTER
1270 MARION	2270 WORTH
1190 MCDONALD	2290 WRIGHT
1290 MERCER	
1310 MILLER	
1330 MISSISSIPPI	
1350 MONITEAU	
1370 MONROE	
1390 MONTGOMERY	
1410 MORGAN	
1430 NEW MADRID	
1450 NEWTON	

MONTANA TERRITORY
--STATE CODE 64

10 BEAVERHEAD
150 CHOTEAU
170 CUSTER
210 DAWSON
230 DEER LODGE
310 GALLATIN

430 JEFFERSON
490 LEWIS & CLARK
570 MADISON
590 MEAGHER
630 MISSOULA

NEBRASKA--STATE CODE 35

10 ADAMS
30 ANTELOPE
75 BLACKBIRD
110 BOONE
190 BUFFALO
210 BURT
230 BUTLER
250 CASS
270 CEDAR
290 CHASE
330 CHEYENNE
350 CLAY
370 COLFAX
390 CUMING
410 CUSTER
430 DAKOTA
470 DAWSON
510 DIXON
530 DODGE
550 DOUGLAS
570 DUNDY
590 FILLMORE
610 FRANKLIN
630 FRONTIER
650 FURNAS
670 GAGE
730 GOSPER
770 GREELEY
790 HALL
810 HAMILTON
830 HARLAN
850 HAYES
870 HITCHCOCK
890 HOLT
930 HOWARD
950 JEFFERSON
970 JOHNSON/JOHNSTON
990 KEARNEY
1010 KEITH
1070 KNOX/L'EAU QUI COURT
1090 LANCASTER
1110 LINCOLN
1190 MADISON
1210 MERRICK

1250 NANCE
1270 NEMAHA
1290 NUCKOLLS
1310 OTOE
1330 PAWNEE
1370 PHELPS
1390 PIERCE
1410 PLATTE
1430 POLK
1450 RED WILLOW
1470 RICHARDSON
1510 SALINE
1530 SARPY
1550 SAUNDERS
1590 SEWARD
1630 SHERMAN
1650 SIOUX
1670 STANTON
1675 TAYLOR
1690 THAYER
1750 VALLEY
1770 WASHINGTON
1790 WAYNE
1810 WEBSTER
1830 WHEELER
1850 YORK
9995 UNORGANIZED TERRITORY

NEVADA--STATE CODE 65

5 CARSON
10 CHURCHILL
50 DOUGLAS
70 ELKO
90 ESMERALDA
110 EUREKA
130 HUMBOLDT
150 LANDER
170 LINCOLN
190 LYON
230 NYE
250 ORMSBY
279 ROOP
290 STOREY
310 WASHOE
330 WHITE PINE

NEW HAMPSHIRE--STATE CODE 4

10 BELKNAP
30 CARROLL
50 CHESHIRE

70 COOS	90 CATTARAUGUS
90 GRAFTON	110 CAYUGA
110 HILLSBOROUGH	130 CHAUTAUQUA
130 MERRIMACK	150 CHEMUNG
150 ROCKINGHAM	170 CHENANGO
170 STRAFFORD	190 CLINTON
190 SULLIVAN	210 COLUMBIA
	230 CORTLAND
NEW JERSEY--STATE CODE 12	250 DELAWARE
10 ATLANTIC	270 DUTCHESS
30 BERGEN	290 ERIE
50 BURLINGTON	310 ESSEX
70 CAMDEN	330 FRANKLIN
90 CAPE MAY	350 FULTON
110 CUMBERLAND	370 GENESEE
130 ESSEX	390 GREENE
150 GLOUCESTER	410 HAMILTON
170 HUDSON	430 HERKIMER
190 HUNTERDON	450 JEFFERSON
210 MERCER	470 KINGS
230 MIDDLESEX	490 LEWIS
250 MONMOUTH	510 LIVINGSTON
270 MORRIS	530 MADISON
290 OCEAN	550 MONROE
310 PASSAIC	570 MONTGOMERY
330 SALEM	610 NEW YORK
350 SOMERSET	630 NIAGARA
370 SUSSEX	650 ONEIDA
390 UNION	670 ONONDAGA
410 WARREN	690 ONTARIO
	710 ORANGE
NEW MEXICO TERRITORY	730 ORLEANS
--STATE CODE 66	750 OSWEGO
10 BERNALILLO	770 OTSEGO
70 COLFAX	790 PUTNAM
130 DONA ANA	810 QUEENS
170 GRANT	830 RENSSELAER
270 LINCOLN	850 RICHMOND
330 MORA	870 ROCKLAND
390 RIO ARRIBA	910 SARATOGA
470 SAN MIGUEL	930 SCHENECTADY
490 SANTE FE	950 SCHOHARIE
530 SOCORRO	970 SCHUYLER
550 TAOS	990 SENECA
610 VALENCIA	890 ST LAWRENCE
	1010 STEUBEN
NEW YORK--STATE CODE 13	1030 SUFFOLK
10 ALBANY	1050 SULLIVAN
30 ALLEGANY	1070 TIOGA
70 BROOME	1090 TOMPKINS
	1110 ULSTER

1130	WARREN	910	HERTFORD
1150	WASHINGTON	950	HYDE
1170	WAYNE	970	IREDELL
1190	WESTCHESTER	990	JACKSON
1210	WYOMING	1010	JOHNSTON
1230	YATES	1030	JONES
NORTH CAROLINA--STATE CODE 47			
10	ALAMANCE	1070	LENOIR
30	ALEXANDER	1090	LINCOLN
50	ALLEGHANY	1130	MACON
70	ANSON	1150	MADISON
90	ASHE	1170	MARTIN
130	BEAUFORT	1110	MCDOWELL
150	BERTIE	1190	MECKLENBURG
170	BLADEN	1210	MITCHELL
190	BRUNSWICK	1230	MONTGOMERY
210	BUNCOMBE	1250	MOORE
230	BURKE	1270	NASH
250	CABARRUS	1290	NEW HANOVER
270	CALDWELL	1310	NORTHAMPTON
290	CAMDEN	1330	ONSLOW
310	CARTERET	1350	ORANGE
330	CASWELL	1370	PAMLICO
350	CATAWBA	1390	PASQUOTANK
370	CHATHAM	1410	PENDER
390	CHEROKEE	1430	PERQUIMANS
410	CHOWAN	1450	PERSON
430	CLAY	1470	PITT
450	CLEVELAND	1490	POLK
470	COLUMBUS	1510	RANDOLPH
490	CRAVEN	1530	RICHMOND
510	CUMBERLAND	1550	ROBESON
530	CURRITUCK	1570	ROCKINGHAM
550	DARE	1590	ROWAN
570	DAVIDSON	1610	RUTHERFORD
590	DAVIE	1630	SAMPSON
610	DUPLIN	1670	STANLY
650	EDGECOMBE	1690	STOKES
670	FORSYTH	1710	SURRY
690	FRANKLIN	1730	SWAIN
710	GASTON	1750	TRANSYLVANIA
730	GATES	1770	TYRRELL
750	GRAHAM	1790	UNION
770	GRANVILLE	1830	WAKE
790	GREENE	1850	WARREN
810	GUILFORD	1870	WASHINGTON
830	HALIFAX	1890	WATAUGA
850	HARNETT	1910	WAYNE
870	HAYWOOD	1930	WILKES
890	HENDERSON	1950	WILSON
		1970	YADKIN
		1990	YANCEY

OHIO--STATE CODE 24

10 ADAMS
30 ALLEN
50 ASHLAND
70 ASHTABULA
90 ATHENS
110 AUGLAIZE
130 BELMONT
150 BROWN
170 BUTLER
190 CARROLL
210 CHAMPAIGN
230 CLARK
250 CLERMONT
270 CLINTON
290 COLUMBIANA
310 COSHOCTON
330 CRAWFORD
350 CUYAHOGA
370 DARKE
390 DEFIANCE
410 DELAWARE
430 ERIE
450 FAIRFIELD
470 FAYETTE
490 FRANKLIN
510 FULTON
530 GALLIA
550 GEAUGA
570 GREENE
590 GUERNSEY
610 HAMILTON
630 HANCOCK
650 HARDIN
670 HARRISON
690 HENRY
710 HIGHLAND
730 HOCKING
750 HOLMES
770 HURON
790 JACKSON
810 JEFFERSON
830 KNOX
850 LAKE
870 LAWRENCE
890 LICKING
910 LOGAN
930 LORAIN
950 LUCAS
970 MADISON
990 MAHONING

1010 MARION
1030 MEDINA
1050 MEIGS
1070 MERCER
1090 MIAMI
1110 MONROE
1130 MONTGOMERY
1150 MORGAN
1170 MORROW
1190 MUSKINGUM
1210 NOBLE
1230 OTTAWA
1250 PAULDING
1270 PERRY
1290 PICKAWAY
1310 PIKE
1330 PORTAGE
1350 PREBLE
1370 PUTNAM
1390 RICHLAND
1410 ROSS
1430 SANDUSKY
1450 SCIOTO
1470 SENECA
1490 SHELBY
1510 STARK
1530 SUMMIT
1550 TRUMBULL
1570 TUSCARAWAS
1590 UNION
1610 VAN WERT
1630 VINTON
1650 WARREN
1670 WASHINGTON
1690 WAYNE
1710 WILLIAMS
1730 WOOD
1750 WYANDOT

OREGON--STATE CODE 72

10 BAKER
30 BENTON
50 CLACKAMAS
70 CLATSOP
90 COLUMBIA
110 COOS
150 CURRY
190 DOUGLAS
230 GRANT
290 JACKSON
330 JOSEPHINE

370 LAKE
390 LANE
430 LINN
470 MARION
510 MULTNOMAH
530 POLK
570 TILLAMOOK
590 UMATILLA
610 UNION
650 WASCO
670 WASHINGTON
710 YAMHILL

PENNSYLVANIA--STATE CODE 14

10 ADAMS
30 ALLEGHENY
50 ARMSTRONG
70 BEAVER
90 BEDFORD
110 BERKS
130 BLAIR
150 BRADFORD
170 BUCKS
190 BUTLER
210 CAMBRIA
230 CAMERON
250 CARBON
270 CENTRE
290 CHESTER
310 CLARION
330 CLEARFIELD
350 CLINTON
370 COLUMBIA
390 CRAWFORD
410 CUMBERLAND
430 DAUPHIN
450 DELAWARE
470 ELK
490 ERIE
510 FAYETTE
530 FOREST
550 FRANKLIN
570 FULTON
590 GREENE
610 HUNTINGDON
630 INDIANA
650 JEFFERSON
670 JUNIATA
690 LACKAWANNA
710 LANCASTER
730 LAWRENCE

750 LEBANON
770 LEHIGH
790 LUZERNE
810 LYCOMING
830 MCKEAN
850 MERCER
870 MIFFLIN
890 MONROE
910 MONTGOMERY
930 MONTGOMERY
950 NORTHAMPTON
970 NORTHUMBERLAND
990 PERRY
1010 PHILADELPHIA
1030 PIKE
1050 POTTER
1070 SCHUYLKILL
1090 SNYDER
1110 SOMERSET
1130 SULLIVAN
1150 SUSQUEHANNA
1170 TIOGA
1190 UNION
1210 VENANGO
1230 WARREN
1250 WASHINGTON
1270 WAYNE
1290 WESTMORELAND
1310 WYOMING
1330 YORK

RHODE ISLAND--STATE CODE 5

10 BRISTOL
30 KENT
50 NEWPORT
70 PROVIDENCE
90 WASHINGTON

SOUTH CAROLINA--STATE CODE 48

10 ABBEVILLE
30 AIKEN
70 ANDERSON
110 BARNWELL
130 BEAUFORT
190 CHARLESTON
230 CHESTER
250 CHESTERFIELD
270 CLARENDON
290 COLLETON
310 DARLINGTON
370 EDGEFIELD

390 FAIRFIELD
430 GEORGETOWN
450 GREENVILLE
490 HAMPTON
510 HORRY
550 KERSHAW
570 LANCASTER
590 LAURENS
630 LEXINGTON
670 MARION
690 MARLBORO
710 NEWBERRY
730 OCONEE
750 ORANGEBURG
770 PICKENS
790 RICHLAND
830 SPARTANBURG
850 SUMTER
870 UNION
890 WILLIAMSBURG
910 YORK

TENNESSEE--STATE CODE 54

10 ANDERSON
30 BEDFORD
50 BENTON
70 BLEDSOE
90 BLOUNT
110 BRADLEY
130 CAMPBELL
150 CANNON
170 CARROLL
190 CARTER
210 CHEATHAM
250 CLAIBORNE
270 CLAY
290 COCKE
310 COFFEE
330 CROCKETT
350 CUMBERLAND
370 DAVIDSON
410 DE KALB
390 DECATUR
430 DICKSON
450 DYER
470 FAYETTE
490 FENTRESS
510 FRANKLIN
530 GIBSON
550 GILES
570 GRAINGER

590 GREENE
610 GRUNDY
630 HAMBLÉN
650 HAMILTON
670 HANCOCK
690 HARDEMAN
710 HARDIN
730 HAWKINS
750 HAYWOOD
770 HENDERSON
790 HENRY
810 HICKMAN
830 HOUSTON
850 HUMPHREYS
870 JACKSON
875 JAMES
890 JEFFERSON
910 JOHNSON
930 KNOX
950 LAKE
970 LAUDERDALE
990 LAWRENCE
1010 LEWIS
1030 LINCOLN
1050 LOUDON
1110 MACON
1130 MADISON
1150 MARION
1170 MARSHALL
1190 MAURY
1070 MCMINN
1090 MCNAIRY
1210 MEIGS
1230 MONROE
1250 MONTGOMERY
1270 MOORE
1290 MORGAN
1310 OBION
1330 OVERTON
1350 PERRY
1390 POLK
1410 PUTNAM
1430 RHEA
1450 ROANE
1470 ROBERTSON
1490 RUTHERFORD
1510 SCOTT
1530 SEQUATCHIE
1550 SEVIER
1570 SHELBY
1590 SMITH

1610 STEWART
1630 SULLIVAN
1650 SUMNER
1670 TIPTON
1690 TROUSDALE
1710 UNICOI
1730 UNION
1750 VAN BUREN
1770 WARREN
1790 WASHINGTON
1810 WAYNE
1830 WEAKLEY
1850 WHITE
1870 WILLIAMSON
1890 WILSON

TEXAS--STATE CODE 49

10 ANDERSON
30 ANDREWS
50 ANGELINA
70 ARANSAS
90 ARCHER
110 ARMSTRONG
130 ATASCOSA
150 AUSTIN
170 BAILEY
190 BANDERA
210 BASTROP
230 BAYLOR
250 BEE
270 BELL
290 BEXAR
310 BLANCO
330 BORDEN
350 BOSQUE
370 BOWIE
390 BRAZORIA
410 BRAZOS
450 BRISCOE
490 BROWN
510 BURLESON
530 BURNET
550 CALDWELL
570 CALHOUN
590 CALLAHAN
610 CAMERON
630 CAMP
650 CARSON
670 CASS/DAVIS
690 CASTRO
710 CHAMBERS

730 CHEROKEE
750 CHILDRESS
770 CLAY
790 COCHRAN
830 COLEMAN
850 COLLIN
870 COLLINGSWORTH
890 COLORADO
910 COMAL
930 COMANCHE
950 CONCHO
970 COOKE
990 CORYELL
1010 COTTLE
1050 CROCKETT
1070 CROSBY
1110 DALLAM
1130 DALLAS
1150 DAWSON
1230 DE WITT
1170 DEAF SMITH
1190 DELTA
1210 DENTON
1250 DICKENS
1270 DIMMIT
1290 DONLEY
1310 DUVAL
1330 EASTLAND
1370 EDWARDS
1410 EL PASO
1390 ELLIS
1415 ENCINAL
1430 ERATH
1450 FALLS
1470 FANNIN
1490 FAYETTE
1510 FISHER
1530 FLOYD
1570 FORT BEND
1590 FRANKLIN
1610 FREESTONE
1630 FRIO
1650 GAINES
1670 GALVESTON
1690 GARZA
1710 GILLESPIE
1750 GOLIAD
1770 GONZALES
1790 GRAY
1810 GRAYSON
1830 GREGG

1850 GRIMES	3030 LUBBOCK
1870 GUADALUPE	3050 LYNN
1890 HALE	3130 MADISON
1910 HALL	3150 MARION
1930 HAMILTON	3170 MARTIN
1950 HANSFORD	3190 MASON
1970 HARDEMAN	3210 MATAGORDA
1990 HARDIN	3230 MAVERICK
2010 HARRIS	3070 MCCULLOCH
2030 HARRISON	3090 MCLENNAN
2050 HARTLEY	3110 MCMULLEN
2070 HASKELL	3250 MEDINA
2090 HAYS	3270 MENARD
2110 HEMPHILL	3310 MILAM
2130 HENDERSON	3350 MITCHELL
2150 HIDALGO	3370 MONTAGUE
2170 HILL	3390 MONTGOMERY
2190 HOCKLEY	3410 MOORE
2210 HOOD	3430 MORRIS
2230 HOPKINS	3450 MOTLEY
2250 HOUSTON	3470 NACOGDOCHES
2270 HOWARD	3490 NAVARRO
2310 HUNT	3510 NEWTON
2330 HUTCHINSON	3530 NOLAN
2370 JACK	3550 NUECES
2390 JACKSON	3570 OCHILTREE
2410 JASPER	3590 OLDHAM
2450 JEFFERSON	3610 ORANGE
2510 JOHNSON	3630 PALO PINTO
2530 JONES	3650 PANOLA
2550 KARNES	3670 PARKER
2570 KAUFMAN	3690 PARMER
2590 KENDALL	3710 PECOS
2630 KENT	3730 POLK
2650 KERR	3750 POTTER
2670 KIMBLE	3770 PRESIDIO
2690 KING	3790 RAINS
2710 KINNEY	3810 RANDALL
2750 KNOX	3870 RED RIVER
2830 LA SALLE	3910 REFUGIO
2770 LAMAR	3930 ROBERTS
2790 LAMB	3950 ROBERTSON
2810 LAMPASAS	3970 ROCKWALL
2850 LAVACA	3990 RUNNELS
2870 LEE	4010 RUSK
2890 LEON	4030 SABINE
2910 LIBERTY	4050 SAN AUGUSTINE
2930 LIMESTONE	4070 SAN JACINTO
2950 LIPSCOMB	4090 SAN PATRICIO
2970 LIVE OAK	4110 SAN SABA
2990 LLANO	4150 SCURRY

4170 SHACKELFORD
4190 SHELBY
4210 SHERMAN
4230 SMITH
4250 SOMERVELL
4270 STARR
4290 STEPHENS/BUCHANAN
4330 STONEWALL
4370 SWISHER
4390 TARRANT
4410 TAYLOR
4450 TERRY
4470 THROCKMORTON
4490 TITUS
4510 TOM GREEN
4530 TRAVIS
4550 TRINITY
4570 TYLER
4590 UPSHUR
4630 UVALDE
4670 VAN ZANDT
4690 VICTORIA
4710 WALKER
4730 WALLER
4770 WASHINGTON
4790 WEBB
4810 WHARTON
4830 WHEELER
4850 WICHITA
4870 WILBARGER
4910 WILLIAMSON
4930 WILSON
4970 WISE
4990 WOOD
5010 YOAKUM
5030 YOUNG
5050 ZAPATA
5070 ZAVALA

UTAH TERRITORY

--STATE CODE 67

10 BEAVER
30 BOX ELDER
50 CACHE
110 DAVIS
150 EMERY
210 IRON

230 JUAB
250 KANE
270 MILLARD

290 MORGAN
310 PINTE
350 SALT LAKE
370 SAN JUAN
390 SANPETE
410 SEVIER
430 SUMMIT
450 TOOELE
470 UINTAH
490 UTAH
510 WASATCH
530 WASHINGTON
570 WEBER

VERMONT--STATE CODE 6

10 ADDISON
30 BENNINGTON
50 CALEDONIA
70 CHITTENDEN
90 ESSEX
110 FRANKLIN
130 GRAND ISLE
150 LAMOILLE
170 ORANGE
190 ORLEANS
210 RUTLAND
230 WASHINGTON
250 WINDHAM
270 WINDSOR

VIRGINIA--STATE CODE 40

10 ACCOMACK
30 ALBEMARLE
50 ALLEGHANY
70 AMELIA
90 AMHERST
110 APPOMATTOX
130 ARLINGTON/ALEXAND
150 AUGUSTA
170 BATH
190 BEDFORD
210 BLAND
230 BOTETOURT
250 BRUNSWICK
270 BUCHANAN
290 BUCKINGHAM
310 CAMPBELL
330 CAROLINE
350 CARROLL
360 CHARLES CITY
370 CHARLOTTE

410 CHESTERFIELD
430 CLARKE
450 CRAIG
470 CULPEPER
490 CUMBERLAND
510 DICKENSON
530 DINWIDDIE
550 ELIZABETH CITY
570 ESSEX
590 FAIRFAX
610 FAUQUIER
630 FLOYD
650 FLUVANNA
670 FRANKLIN
690 FREDERICK
710 GILES
730 GLOUCESTER
750 GOOCHLAND
770 GRAYSON
790 GREENE
810 GREENSVILLE
830 HALIFAX
850 HANOVER
870 HENRICO
890 HENRY
910 HIGHLAND
930 ISLE OF WIGHT
950 JAMES CITY
970 KING AND QUEEN
990 KING GEORGE
1010 KING WILLIAM
1030 LANCASTER
1050 LEE
1070 LOUDOUN
1090 LOUISA
1110 LUNENBURG
1130 MADISON
1150 MATHEWS
1170 MECKLENBURG
1190 MIDDLESEX
1210 MONTGOMERY
1230 NANSEMOND
1250 NELSON
1270 NEW KENT
1290 NORFOLK
1310 NORTHAMPTON
1330 NORTHUMBERLAND
1350 NOTTOWAY
1370 ORANGE
1390 PAGE
1410 PATRICK

1430 PITTSYLVANIA
1450 POWHATAN
1470 PRINCE EDWARD
1490 PRINCE GEORGE
1530 PRINCE WILLIAM
1510 PRINCESS ANNE
1550 PULASKI
1570 RAPPAHANNOCK
1590 RICHMOND
1610 ROANOKE
1630 ROCKBRIDGE
1650 ROCKINGHAM
1670 RUSSELL
1690 SCOTT
1710 SHENANDOAH
1730 SMYTH
1750 SOUTHAMPTON
1770 SPOTSYLVANIA
1790 STAFFORD
1810 SURRY
1830 SUSSEX
1850 TAZEWELL
1870 WARREN
1875 WARWICK
1910 WASHINGTON
1930 WESTMORELAND
1950 WISE
1970 WYTHE
1990 YORK

WASHINGTON TERRITORY

--STATE CODE 73

90 CLALAM
110 CLARK
130 COLUMBIA
150 COWLITZ
290 ISLAND
310 JEFFERSON
330 KING
350 KITSOP
390 KICKITAT
410 LEWIS
450 MASON
490 PACIFIC
530 PIERCE
550 SAN JUAN
610 SNOHOMISH
630 SPOKANE

650 STEVENS
670 THURSON

690 WAH KIAKUM
710 WALLA WALLA
730 WHATCOM
750 WHITMAN
770 YAKIMA

WEST VIRGINIA--STATE CODE 56

10 BARBOUR
30 BERKELEY
50 BOONE
70 BRAXTON
90 BROOKE
110 CABELL
130 CALHOUN
150 CLAY
170 DODDRIDGE
190 FAYETTE
210 GILMER
230 GRANT
250 GREENBRIER
270 HAMPSHIRE
290 HANCOCK
310 HARDY
330 HARRISON
350 JACKSON
370 JEFFERSON
390 KANAWHA
410 LEWIS
430 LINCOLN
450 LOGAN
490 MARION
510 MARSHALL
530 MASON
470 MCDOWELL
550 MERCER
570 MINERAL
610 MONONGALIA
630 MONROE
650 MORGAN
670 NICHOLAS
690 OHIO
710 PENDLETON
730 PLEASANTS
750 POCAHONTAS
770 PRESTON
790 PUTNAM
810 RALEIGH
830 RANDOLPH
850 RITCHIE
870 ROANE
890 SUMMERS

910 TAYLOR
930 TUCKER
950 TYLER
970 UPSHUR
990 WAYNE
1010 WEBSTER
1030 WETZEL
1050 WIRT
1070 WOOD
1090 WYOMING

WISCONSIN--STATE CODE 25

10 ADAMS
30 ASHLAND
50 BARRON/DALLAS
70 BAYFIELD/LA POINT
90 BROWN
110 BUFFALO
130 BURNETT
150 CALUMET
170 CHIPPEWA
190 CLARK
210 COLUMBIA
230 CRAWFORD
250 DANE
270 DODGE
290 DOOR
310 DOUGLAS
330 DUNN
350 EAU CLAIRE
390 FOND DU LAC
430 GRANT
450 GREEN
470 GREEN LAKE
490 IOWA
530 JACKSON
550 JEFFERSON
570 JUNEAU
590 KENOSHA
610 KEWAUNEE
630 LA CROSSE
650 LAFAYETTE
670 LANGLADE
690 LINCOLN
710 MANITOWOC
730 MARATHON
750 MARINETTE
770 MARQUETTE
790 MILWAUKEE
810 MONROE
830 OCONTO

870 OUTAGAMIE
890 OZAUKEE
910 PEPIN
930 PIERCE
950 POLK
970 PORTAGE
990 PRICE
1010 RACINE
1030 RICHLAND
1050 ROCK
1110 SAUK
1150 SHAWANO
1170 SHEBOYGAN
1090 ST CROIX
1190 TAYLOR
1210 TREMPPEALEAU
1230 VERNON/BAD AX
1270 WALWORTH
1310 WASHINGTON
1330 WAUKESHA
1350 WAUPACA
1370 WAUSHARA
1390 WINNEBAGO
1410 WOOD

WYOMING TERRITORY

--STATE CODE 68

10 ALBANY
70 CARBON
210 LARAMIE
370 SWEETWATER
410 UINTA

APPENDIX B
A Procedural History of the Enumeration Process
in the 1880 U.S. Census

Miriam L. King
and
Diana L. Magnuson

This work is a retrospective procedural history of enumeration in the 1880 U.S. census.(1) Evidence for this research was pieced together from a variety of sources, including the (unfortunately incomplete) unpublished administrative records and the published reports from the 1880 Census Office and the Department of the Interior, unpublished records and published reports from Congressional census committees, debates in the Congressional Record, discussions in popular and scholarly journals, and notations by enumerators on the manuscript population schedules. Much additional information on the oversight, problems, and public reception of enumerators is drawn from coverage of the census in eleven newspapers between January 1, 1880 and December 31, 1881. The newspapers were uniformly based in large cities but represent all regions, from the Northeast (the *New York Times*, the *Philadelphia Public Ledger*, the *Baltimore Sun*), the far West (the *San Francisco Chronicle*, the *Sacramento Daily Record*), the Midwest (the *St. Louis Post Dispatch*, the *St. Paul Pioneer Press*, the *Minneapolis Tribune*) and the South (the *Washington Post*, the *Atlanta Constitution*). (2)

One goal of this history is to lay out the steps involved in collecting information in the 1880 enumeration. Another is to isolate factors that made the tenth census more reliable than the three preceding enumerations (all taken under the 1850 census act). The third is to acknowledge the problems that enumerators still faced in bringing in full and accurate returns. The discussion focuses in turn on a wide range of issues affecting the quality of the returns, including the following: supervisor districts, supervisors' qualifications, selection and qualifications of enumerators, creation of enumeration districts, procedures for training and overseeing enumerators, the enumeration period, schedules and pay rates, problems encountered by canvassers, groups at high risk of undercounts, reliability of questions, and provisions for correcting fieldwork.

Census Supervisors' Districts

From 1800 through 1870, district marshals directed census-taking within federal judicial districts. In 1870, 61 marshals took the census with the aid of 6,572 assistant marshals. These marshals, who gained their posts through political patronage, had the apprehension and control of criminals as their primary duty. Because the Superintendent of the 1870 and 1880 censuses, Francis Walker, believed that marshals had "neither the facilities nor the necessary qualifications to make a complete and accurate enumeration," he successfully lobbied for their replacement by temporary officials termed supervisors in the 1879 census act.(3) One consequence of this change in census law was the division of the country into specially-drawn supervisors' districts, rather than reliance on existing judicial districts, as administrative units for overseeing census taking. Walker stressed that quite different criteria were salient in defining census administrative units and judicial districts. For example, Southern Florida was "very properly" made a judicial district "on account of the great facilities for smuggling and the frequent occurrence of maritime disasters." Its limited population of five to six thousand people made the same area inappropriate as an administrative unit for census-taking.(4)

Responsibility for dividing the country into 150 census districts -- each with its own resident supervisor--lay with the Census Superintendent, contingent upon the approval of the Secretary of the Interior. Supervisors' districts did not cross state or territorial lines. Within states, the number and boundaries of districts were set on the basis of "the extent of territory, the compactness or sparseness

of settlement, especially the occurrence of cities and large towns, the existing facilities of transport and postal communication, the various constituents of the population, and the nature of the principal industries." Walker's plan, approved in November, 1879, created districts that were allegedly determined by "the exigencies of enumeration" but that varied considerably in extent and population.(5) Reasonably enough, one supervisor directed census-taking in Wyoming Territory, where 30 enumerators counted twenty-one thousand people in 1880. Surprisingly, the supervision of 901 censustakers who enumerated 1.8 million residents of Massachusetts was also the task of a single individual.(6) However uneven the administrative burden across supervisors' districts, the 1880 plan did divide the population more equally than under judicial districts and, by more than doubling the number of administrative districts, permitted "a minuter subdivision of the work while in progress."(7)

Selection and Qualifications of Census Supervisors

The use of specially-appointed supervisors, rather than judicial marshals, to direct census-taking below the national level is commonly cited as the outstanding innovation in the census act of March 3, 1879. Did this change actually improve American census-taking, and, if so, why?

Three justifications were put forward to support creating the new post of supervisor rather relying on U.S. marshals. First, Walker claimed, the burden of work was too great to be adequately performed by officials who were already "crowded to the limits of their time and strength by prior official duties."(8) A second advantage of census supervisors was that these new officials would be under the direct control of the Census Bureau and the Interior Department, while marshals were answerable to the Justice Department.(9) Finally, supervisors could be selected whose qualifications were well-suited to the particular requirements of administering the census. As Walker put it, "The work of census-taking is...exceptional and unique in its requirements...demanding a high degree of clerical capacity and a fitness to conceive and forcibly impart to the subordinate enumerator the many precise and delicate distinctions which are required properly to answer inquiries of the census schedules."(10) A man capable of excellent service as a marshal might lack "the clerical capacity for the extensive correspondence involved in the organization of a new and difficult service, or the peculiar ability required not only to comprehend the nice distinctions of the census, but also to impress those distinctions upon others."(11)

The Superintendent's point that those who supervised census-taking should not be burdened with other duties was sound. True, there was some continuity in the tasks involved in administering census taking in 1870 and 1880. Charles Seaton, who replaced Walker as Superintendent after the latter's resignation, noted, "The only important difference between the act of 1850 and that of 1879, as to the amount of work in preparation for the census, and in supervision of it, is found in the requirement of smaller districts in the latter act, involving an increase more or less closely corresponding thereto in the amount of correspondence involved."(12). Yet supervisors themselves adamantly stressed the time-consuming and demanding nature of their post. Virginia supervisors complained, "their task has been at least doubly more onerous than could have reasonably been inferred from the census law," and their Indiana counterparts argued that "the work grew...to proportions far beyond what was contemplated when the service was accepted."(13) Having anticipated responsibilities lasting two to three months, supervisors estimated their work time variously at four, five, six, eight, and ten months, and complained of the attendant "neglect and loss of much private business." (The Superintendent of the Census believed "they gave, on average, five months of solid time to their duties.")(14) The burden of their "harassing responsible and invidious labor"(15) was great enough to spur the supervisors to lobby for a threefold increase in salary, and to convince Congress to double their pay, to \$1000.(16) Given other, competing duties, marshals could hardly have devoted the time and care to overseeing the census that the supervisors claimed to have done in 1880. Indeed, Walker claimed that a marshal had no choice but to "entrust the whole census work thus brought into his office to a deputy...who may be well chosen or ill-chosen for the purpose, [and] does the work anonymously and without any appreciable degree of official responsibility."(17)

Whether the administrators of census-taking were under the control of the Department of the Justice (as U.S. marshals) or the Department of the Interior (as census supervisors) may seem a minor detail. Nonetheless, the Superintendent argued convincingly that the power to appoint and remove supervisors was critical to the quality of the enumeration. Explained Walker, marshals "could not be made to feel that their tenure of office in any way depended upon his satisfaction with the manner in which their duties were discharged...the Department of the Interior would have to depend, from first to last, simply upon the good-will of each of the sixty-four or sixty-five officers who are charged with this very onerous, thankless, and ill-requited duty. The department would be entirely powerless to bring any pressure to bear upon the marshal in the matter of his duty."(18) The absence of this pressure had, in Walker's view, vitiated the quality of the 1870 enumeration. The Census Bureau had had no power to veto marshals' plans for dividing up territory, and several marshals had insisted "against the advice of the Census Office...on assigning to assistant marshal's districts which could not possibly be canvassed in compliance with law in the prescribed time, the result being either the undue protracting of the enumeration, or else the illegal letting out of the work to unauthorized parties."(19) Similarly, lacking the power to veto enumerator appointments, the census office had only been able to express "its entire disapprobation" at the appointment of southern enumerators in 1870 "whose appointment was disgraceful to the government and detrimental to the service," leading to "mischievous and even scandalous results."(20)

The qualifications and character of the supervisors obviously had an important effect on the quality of the 1880 enumeration, for those individuals had to "select, appoint, commission, instruct, supervise, and finally correct the work of...enumerators."(21) Researchers today may be concerned about whether the men appointed to the post were indeed well-qualified for "the special and highly technical work of the census."(22) The pre-eminent concern for discussants at the time was whether partisan loyalties would lead these officials to falsify returns to affect apportionment, swelling the count in areas where their parties held sway and purging the rolls elsewhere.(23)

Among U.S. Congressmen, so intense were fears about politically-motivated doctoring of the returns that the legislators enacted provisions in the 1879 census law to limit partisan influence.(24) In practice, however, political considerations were prominent in the selection of census supervisors. Applicants for the post of supervisor specified their party affiliation and found support from the politically prominent to be a *sine qua non* for success. For example, Democratic Congressmen from North Carolina agreed to each nominate one Democrat and one Republican, with the Census Superintendent to select nominees from that list; the nomination of supervisor for the fourth district of California depended upon an agreement between Senators and Representatives of that state; and the nomination of a qualified candidate for the Philadelphia district foundered "by reason of internal dissensions among Pennsylvania Senators and Philadelphia Representatives.(25) The President and Superintendent solicited names of possible candidates from Congressmen and Governors--and sometimes incited their ire by failing to honor their recommendations.(26) The appointment papers for supervisors indicate that successful candidates solicited recommendations from legislators, judges, and governors, as well as business associates, and sometimes included supporting petitions from such "gentlemen of prominence and intelligence and...high distinction."(27)

While would-be supervisors had to secure political support to be considered for the post, the nomination and confirmation process further accentuated the importance of partisan connections. Supervisors were nominated by the President, in consultation with the Superintendent, and were confirmed by the Senate. While Walker was said to select "efficient men" "of a superior character," "rather than to make the supervisorships so many rewards for party service,"(28) the Republican President Hayes was accused by the hostile Democratic press of sometimes substituting other names for "political reasons." For example, Hayes withdrew the nomination of one Indiana candidate after learning that the man was a Democrat.(29)

The Democratic press and the Senate, which was controlled by the Democratic party, in turn interpreted non-partisanship in appointments to mean an equal division of the spoils between the Democratic and Republican party.(30) Noted the *New York Times*, "The Democratic Senators

asserted that political impartiality was essential to a fair and accurate census, and that the only way to secure it was by distributing the appointments to Supervisorships among both parties....Of the true doctrine that each Supervisor should be selected without reference to his politics, by some method, which would secure personal integrity, intelligence, and adaptability, so that his opinions need have no connection with his duties, never seems to have entered the minds of either Democratic or Republican Senators." (31) From this perspective, the Senate rejected a number of Republican nominees who "were not regarded as unfit for the office" because no Democrats were nominated for the State in question. (32) The controversy over the partisan distribution of the spoils took on additional heat due to the Democrats' view of Hayes as "a mean executive, who occupies the presidency by fraud" (due to his failure to secure the largest share of either the popular vote or electoral votes). (33) In the embittered political climate of the post-Reconstruction era, the confirmation of census supervisors was transformed into a power struggle between the Chief Executive and Senate. (34)

While the main concern of the Democratic press and Senators was the distribution of supervisorships among parties, the trustworthiness of individual nominees was also questioned. Democratic newspapers castigated Hayes for putting into nomination "the detested names of a number of the worst class of thieving carpet-baggers," "some of the most narrow, bitter, miserable partisans," and "appointees...of the Stalwart, Republican type." (35) Today we might question the grounds for some of those complaints. For example, it is dubious whether a man who regarded his nomination as vindication of his efforts to prevent Southern blacks from being denied the vote would be more likely to produce fraudulent returns. (36) However justified or unjustified these complaints, they did spur the members of the Senate census committee to scrutinize "the character of the nominees and their political tendencies." (37) As a result, ardent partisans were weeded out and replaced by political moderates.

Letters of recommendation for successful candidates provide further evidence that too intense partisanship (which might have led to falsification of returns) was a disqualification for the office. A successful applicant was likely to have testimonials specifying that he "will strive to do his whole duty irrespective of political opinions and partisan bias," "will command the public respect and confidence," or "must have the approval of fair men of all parties." (38) The prerequisite of political support may have had a positive effect in limiting the candidate pool to those whose broad connections could provide advice on enumeration district boundaries and enumerator applications.

Once the nomination and confirmation process was completed, observers concluded that the quality of the supervisors was high. Though highly critical of the confirmation process, the *New York Times* concluded, "Probably owing to the influence of Prof. Walker...the selections under the law have been made with as much intelligence and impartiality as could be obtained." (39) The Census Office stated that "no difficulty was experienced in securing good men for the position," and Walker pronounced himself well satisfied with the supervisors' performance. "The very difficult and critical duties of that office [of supervisor] have been discharged, with but inconsiderable exceptions, in a manner most satisfactory. The zeal, energy, and prudence displayed by these officers, their provision against the accidents of enumeration, and their intelligent comprehension of the wants of their districts, entitle them to the highest commendation." (40) His replacement, Charles Seaton, concurred that "The supervisors of 1880...did that work in general with marked ability, high conscientiousness, and a laudable ambition to cause their respective districts to be fairly and well represented in the census." (41) Even in the three cases where supervisors were removed from office, the causes for removal did not "reflect upon the personal or official integrity of the supervisor." (42)

Biographical details on 20 census supervisors, culled from newspapers and the correspondence and field appointment papers of the Interior Department, suggest that the supervisors of 1880 are better characterized as politically connected professional men than unscrupulous party hacks. Some of these officials had family ties to prominent politicians and/or had held political posts high (i.e., a former Governor, an ex-Senator, the former diplomatic representative to Sweden, and the head of the Massachusetts Bureau of Labor Statistics) and low (i.e., an assistant postmaster, two revenue collectors, and a county engineer). But others had never held a government post, or were identified

only by their profession (i.e., a minister, an ex-professor of medicine, a physician and vital statistician, a newspaper editor, six lawyers, a judge, a "city directory man," and a merchant).(43)

While the five hundred dollar salary was doubtless the primary attraction of the supervisor post, it was not the only one. A telegram from Francis Walker recruiting the replacement for an incompetent supervisor stated, "The President is aware that the office can have no attractiveness to you simply as an office, but hopes that, for the honor of Philadelphia, you will undertake the rescue of the work."(44) For three of the New York supervisors, who were described as "a Professor of Mathematics at Union College and a ranking lawyer," "a graduate of Yale College, a lawyer highly respected, and a mathematician," and "an editor in chief of an influential political journal...[who] possesses an extensive knowledge of statistics, and a love almost amounting to a passion for their study," the attraction may have been "the pleasure of exercising his particular gifts in the mastery of statistics."(45) The combination of public service and demographic interests probably inspired the services of Dr. Edwin Snow and Carroll Wright as census supervisors for Rhode Island and Massachusetts, respectively.

The main result of the partisan conflicts in the confirmation of census supervisors was delay in filling the posts. Although Superintendent Walker had compiled a list of nominees by mid-January, 1880, the aforementioned conflicts between Senators and the President led to some slots still remaining unfilled in late May.(46) By early April, 132 of the 150 supervisors had been confirmed, so almost 90 percent of the supervisors had at least two months to complete preliminary census work.(47) In a few areas, however, preparation time was short.

Whether delay marred enumeration quality depended on the compensatory actions of the supervisor and local citizenry. In Philadelphia, a supervisor who replaced his incompetent predecessor a week before the census and "was obliged to build the whole service from the ground up," found help from prominent volunteers. Explained the *Philadelphia Public Ledger*, "Within three days, he (with the aid of other citizens called to his assistance) had selected the whole of the 689 enumerators....In emergencies, Philadelphia always has the man and the men equal to the demand...among the busiest of her businessmen...who cheerfully responded, for the credit of the city."(48) This expedient worked, for the paper later gloated, "Philadelphia was the last of all the great cities in being furnished with a census supervisor, but is the first in completing her enumeration; and thus it again comes to pass that the last shall be first."(49) The last-minute replacement of a Louisville supervisor who had resigned had a less satisfactory outcome. That supervisor was "compelled to begin the work of enumerating without time to familiarize himself with the division of work in the city and without co-operation, suggestion, or advice." The results of the Louisville census evoked such dissatisfaction that the city's board of trade employed a statistician to oversee re-enumeration of one ward and petitioned Walker for a general recount.(50)

Local Variations in Policy in Selecting Enumerators

One of the most important tasks of the census supervisors was the selection of enumerators. As discussed in detail below, the census law and Census Superintendent set general guidelines for these officials to follow in choosing canvassers. Nonetheless, press coverage of local census-taking indicates that supervisors and communities varied in their implementation of these guidelines. Three issues related to the appointment of enumerators -- methods of soliciting enumerator applications, use of female enumerators, and handling of partisanship in enumerator appointments -- illustrate the variation in practice within common general parameters. More broadly, this variation suggests that it is misleading to generalize about the quality and completeness of the enumeration on the basis of evidence from either the national office or a single community. While the national census office exercised far greater control and imposed more uniformity in practice in 1880 than in previous enumerations, the tenth census was still the end product of different practices carried out within 150 districts.

Evidence on the point is scanty, but the specific method of eliciting and judging enumerator applications seems to have varied across areas. For example, the supervisor for Atlanta publicized

the positions through his local newspaper, but this was not done in any of the other newspapers examined.(51) Such advertisements were not necessary to secure applicants. Supervisors from North Carolina claimed, "as soon as names were proposed for appointment of Supervisor, and before confirmation, applications for appointments [as enumerator] were daily poured in."(52) The particular information to be solicited from applicants may have been left to supervisors' discretion. The Atlanta supervisor ordered hopefuls to make out applications in their own handwriting, to specify their occupation, address, and length of residence, and to include "testimonials as regards education, and assurances that the duties would be thoroughly and honestly performed."(53) In Philadelphia, the supervisor relied on advice from prominent businessmen and filled the posts by recruitment. And in New York City, successful applicants were selected on the basis of "a personal examination as to the comparative fitness of each individual."(54)

In the employment of female enumerators, the Superintendent explicitly directed supervisors to exercise their differing judgements. Acknowledging that the law did not expressly prohibit women enumerators, Walker stated, "It is clear that in many regions such appointments would be highly objectionable; but the Supervisor is not prepared to say that localities may not be found where a canvass of the population by women could be conducted without any disadvantage."(55) (Walker's grudging approval of female enumerators may have been spurred by a petition sent to Congress by the officers of the Association for the Advancement of Women, asking "that women may be employed to collect vital statistics concerning women and children" in the tenth census).(56) In the cities of Atlanta, Philadelphia, Washington, and New York, between one and ten women were hired. In Baltimore, the supervisor declared that only one woman had applied for (and received) the job. "Several" women were employed as enumerators in St. Paul. In San Francisco, over 200 women sought positions as enumerators, but the supervisor hired none.(57)

Supervisors also differed in their handling of partisanship in enumerator appointments. Driven by concern about fraud and the distribution of patronage, Congress had written into the 1879 census law the requirement that enumerators be "selected solely with reference to their fitness, and without reference to their political and party affiliations." (In the course of the debate, some legislators admitted this provision was unlikely to be honored). In his directions to supervisors, Francis Walker reinforced and elaborated on this point, and threatened to reject nominations of party extremists. Wrote the Superintendent, "It is hoped that so plain a provision of the law will command the cheerful obedience of all; but the Census Office will, if it shall appear to be necessary, insist, on its part, upon a full compliance, in good faith, with the requirement."(58) In Walker's view, "the intention of the law is not to be carried out merely by appointing indifferently from the political parties which divide the country. The men selected...should be men so fair and moderate in their political feelings as to give an assurance" that they will "not pervert their trust to partisan purposes."(59)

Even given "so plain a provision," supervisors differed in their method of achieving non-partisanship. The Atlanta supervisor ordered applicants to say nothing about "their political associations," and promised to remove any enumerator who "prostitutes his office to partisan uses."(60) Until his removal, the first Philadelphia supervisor had intended to adopt the Congressional "division of the spoils" model. Reported the *Philadelphia Public Ledger*, "The agreement entered into at Washington, by which the Supervisors are equally divided between the two great political parties...will be continued in this city as to the matter of appointments by them...Half of these are to be Republicans and half Democrats; the city and county committees of the latter party to divide its quota of appointments equally."(61) In Baltimore, only 18 out of 104 enumerators were Democrats, but "from most counties no applications were received from Democrats."(62)

As the latter two examples indicate, political calculations as well as competence influenced the hiring of enumerators, the census act notwithstanding. This is hardly suprising. The supervisors, who made the selection, had to have political connections, albeit as party moderates. Would-be enumerators needed to supply testimonials and probably sought them from the socially and politically prominent. Those who could not produce such testimonials or who were not allied to the party of the

supervisor would be less likely to apply, as in the Baltimore case. And the Superintendent's own directives reinforced the relevance of prior partisan experience. Non-partisanship, as Walker saw it, demanded considering the applicants' political views, if only to screen out "hotheads." By urging the hiring of those with previous experience as local officials (discussed below), Walker further encouraged the involvement of party activists. All of this really matters only if partisanship led either to the appointment of incompetents or to the filing of fraudulent returns. We address the first issue in the following section, and consider the second issue later in this paper.

Qualifications of Enumerators

According to the Superintendent's directive to supervisors, "The most important duty which the supervisor has to perform is the selection of enumerators. If this is well done, the success of the census is assured." (63) Assessing the quality of the 1880 census data requires consideration of the qualifications of the enumerators.

For the most part, supervisors had little difficulty in attracting applicants to enumerator posts. In North Carolina, "the applications and recommendations were counted by the thousand"; in Ohio, supervisors received "many hundreds of applications and recommendations, personal and by letter"; in San Francisco, the supervisor was "flooded with applications"; in Arkansas, filling 300 posts required corresponding with 1000 persons; in Atlanta, 800 people applied to fill 198 posts; and in New York City, 681 enumerators were selected from a pool of 5000 applicants. (64) (Subdistricts with large institutions like an insane asylum, where hundreds of people could be enumerated in a single dwelling, were especially sought-after). (65) Rather than complaining of difficulties in filling posts, the supervisors resented the burden of processing the large number of applications and recommendations and the antagonism of disappointed candidates. Virginia supervisors noted, "Much personal offense has been unavoidably given to numerous applicants and their friends who were disappointed," and a Georgia supervisor who likened himself to "an umpire at a baby show" that wins one friend and forty-nine enemies. (66)

The only areas of the country suffering from a lack of qualified applicants were sparsely-settled regions, where "the work will be heavy and the pay light." In some of these locales, supervisors faced the choice of either placing less qualified applicants or hiring persons who lived outside the enumeration district and hence were less familiar with the people and territory. (67)

The Superintendent of the Census offered supervisors some general guidelines in choosing enumerators: "The appointments should be made with reference to physical activity, and to aptness, neatness, and accuracy in writing and in the use of figures," to "active" and "energetic" young men "of good address." Walker warned, "Unless the officer appointed be fairly proficient in all clerical exercises, he will find his duties very trying and his pay very meager. To appoint old or broken men to this duty (as Supervisors will, on all sides, be pressed to do) would not be an act of charity but of cruelty." And he favored those with previous experience as officials or in certain occupations. "Township assessors and other local officers" were "almost beyond the reach of error" due to their familiarity with "the names, residence, occupations, personal characteristics, and to a degree the history of the inhabitants"; postmasters at small offices had learned precision in filling out forms; country physicians appreciated "the value of reliable statistics" and understood "vital conditions...and the history of families"; and schoolteachers were "accustomed to keep lists and make reports." (68)

Formal checks also encouraged the appointment of qualified enumerators. Supervisors forwarded their lists of names to Washington for review, and the Census Office could deny confirmation to incompetents and "political hotheads." (69) Walker labelled the absence of such checks on the appointment of enumerators one of the main weaknesses of the 1870 census. (70) As the *Philadelphia Public Ledger* notified its readers, if citizens "find in the lists names of men who are neither suitable nor fit, or that have been appointed on party ground, they can communicate with him [Walker] on the subject." The Washington census office did exercise its veto power on some enumerator appointments, presumably on the basis of such complaints from local residents. (For example, ten persons selected by the supervisor as enumerators for Baltimore did not qualify for the

post and were replaced by others).(71) Supervisors swore to discharge their duties in accordance with the census law (which demanded enumerators be chosen on the basis of competence), and were liable to two years' imprisonment for any dereliction of duty.(72)

The most effective safeguard on the quality of enumerator appointments was a supervisor's awareness that hiring the unfit would reduce his community's count and incur the ire of the citizenry. Walker reinforced this point in his directive on enumerator selection: "If it is badly done, in any district, the service will be discredited, the district will be disparaged in the result, and the Supervisor will not escape blame."(73) The Superintendent's warning was well-founded. In cities where local boosters' expectations of population increase were disappointed, even supervisors who had performed conscientiously found themselves reviled by newspapers and citizens' committees.(74).

Whether these recommendations and sanctions were successful in securing qualified enumerators of course depended on the predilections of individual supervisors. With the exception of the New Orleans paper,(75) the newspapers examined commended the quality of their city's canvassers, describing them as "carefully selected," "talented," "well fitted for performing the work with accuracy and dispatch," of "eminent fitness," and "good men" selected with "the greatest care."(76) In two cases, the assessment changed after the population total proved disappointing. St. Louis's German enumerators were initially praised as "peculiarly qualified on account of their patience and industry." After it became apparent that the St. Louis would rank far below its rival, Chicago, the same canvassers were damned as "nice figures in the wood-chopping districts."(77) Similarly, the St. Paul paper condemned its city's enumerators as "stupidly incompetent" only after that city's population was found to lag behind Minneapolis.(78) Such *ex post facto* condemnations are better evidence of the degree of disappointment engendered by intercity rivalries than of the quality of the enumerators.

In the South, in particular, the qualifications and performance of enumerators were said to have improved in 1880. Unfortunately, such judgements were heavily tinged by racism. Francis Walker characterized the 1870 census-takers as "U.S. marshals, Northern men unacquainted with the country, and ignorant, incompetent colored men" who "turned their work over to mean whites of more clerical ability and went shares on the pay."(79) Ex-Governor Aiken of South Carolina put the matter in stronger terms. In Aiken's words, "The enumerators [in the South in 1870] were a set of blackguards. Many of them were negroes, and not even respectable colored men, but the most ignorant fellows...that could be scraped together." Testified Aiken, the 1880 enumerators "have been of a different class. They have been white men belonging to the old families there, who were glad to take the post of enumerator for the pay attached. They were really a superior class of censustakers, reduced by poverty to the task set before them."(80) More important than changing racial composition was the shift from *en masse* to household enumeration. Many southern enumerators in 1870 "did not go out into the country and visit the homes of the people to make the enumeration, but made the count as people came into the towns to market or to court or muster." In 1880, "they went from cabin to cabin and did what the census laws require -- paid personal visits to every place where it was likely that a person could find shelter."(81) The greater completeness of the census in 1880 led to such high intercensal southern growth rates that Northerners suspected politically-motivated fraud.

While most newspapers published the names of local canvassers, they provided very little information about the educational or occupational status of their censustakers. In New York, a "large number" of the enumerators were former city directory canvassers who "are said to make the best enumerators" due to "being accustomed to deal with the public in an inquisitorial capacity."(82) In some cities, at least, efforts were made to select enumerators who fit the nature of the subdistrict population. In St. Louis, "in the lowest district of the city where the rough element prevails the enumerators have been chosen with care and are generally ex-policemen or watchmen, men well acquainted with the localities and whom it would be hard to deceive."(83)

More systematic evidence on the occupational status of enumerators comes from a check of the names of Minneapolis and St. Paul enumerators against city directory listings. In these cities,

enumerators largely consisted of professionals, university students, and white collar workers.(see Table 1)

Table 1. Occupations of Minneapolis and St. Paul Enumerators in 1880, as Listed in City Directories*

Professional	2	Painter	2
Teacher	2	Grocer	1
Lawyer	3	Realtor	2
Minister	3	Editor	1
Bookkeeper	4	Druggist	1
Clerk	2	Canvasser	1
Printer	1	Univ. Student	6
Salesman	1	Total	32

* Limited to enumerators with names that appeared only once in the city directory and who had an occupation listed in the directory.

The generalizability of results from these two cities is, admittedly, uncertain. To fill in the schedules at all demanded literacy, but enumerators' written comments on the manuscript population schedules indicate a broad range in their educational attainment. Compare the excuses offered for poor penmanship and irregular pagination by two canvassers. The first apologetically explained, "In my returns I will have to beg some indulgence as I have to write with my left hand and in going a round I found it very difficult to sit down on the ground and rite was sorry that I could not be situate so as to have rote better on one occasion the wind blew all my papers over sudenly just as I was sining my name to the schedule and it is done roughly. The enumeration has been thear [i.e., thorough]." The second complained, "A horny handed Yeoman having besmirched the sheet containing the original entries on page 27 of this schedule, I was compelled to copy the same." (84) Judging from the full series of notations on the manuscript schedules, enumerators as a group more resembled the second example than the first in their spelling and compositional skills.

Enumeration Districts

Another innovation which improved the quality of the tenth census, relative to earlier censuses, was the use of smaller and more clearly defined enumeration districts. For the 1870 census, enumeration districts were limited to 20,000 people. The 1879 census act cut the size down to 4000 (as measured in the 1870 returns). (85) A directive from Walker further restricted their size to 2,500 residents. In practice, enumeration districts for the tenth census were even smaller, encompassing 1,600 inhabitants on average. (86)

The task of defining enumeration districts fell upon census supervisors, but the basic rules for setting the boundaries were set by Francis Walker. Enumeration districts were to maintain the territorial integrity of counties and other civil divisions (towns, townships, parishes, militia districts, hundreds, election districts, precincts, or beats). A civil division was to stand as an enumeration subdistrict if the population exceeded seven or eight hundred, but it could be divided to keep the population from exceeding 2,000 to 2,500. Clear boundaries like streams and roads were to mark off these divisions. And if a civil division were broken up, its subdivisions were to be of approximately equal population size. (87) Supervisors' plans for defining enumeration districts and estimates of their population were forwarded to Walker, who sometimes demanded revisions. (88)

Walker's specifications for subdistricting precluded a problem observed in the preceding census: "township divisions were not then recognized, and it is highly probable that many enumerators did not know where their county stopped and another began." (89) If such confusion existed, enumerators would necessarily miss some areas and count others twice.

Limiting the population of enumeration districts to between 700 and 2,500 people ensured that the territory could be covered quickly. Providing for a larger number of smaller districts was a necessary complement to the shortening of the enumeration period, from the five months allowed in the 1850 census act, to the two to four weeks specified in the census law of 1879.(90)

While a shorter enumeration period was believed to increase the accuracy of the census (see below for further discussion), the resort to small enumeration districts had other advantages. Enumerators were expected to reside in the districts they canvassed, and, in the case of such limited territory, to be familiar with the area and its inhabitants. Explained Walker, "The advantage to the Government of such close limitation of districts will be found in the high degree of local knowledge secured. The enumerator knowing, as will presumably be the case, every house and every family of the town of which he is a resident, will be placed almost beyond the danger of omissions, which are liable to occur in the canvass of larger districts, and will also be above being imposed upon by false statements which to a stranger might appear plausible enough." The provision also expanded the pool of qualified applicants by reducing the time and costs of service. Enumerators "working at short range through a district extending in no direction far from their places of residence, will not be obliged, as was generally the case under the Act of 1850, to fit themselves out expensively for traveling, [or] to close up their business or make arrangements for its being carried on by others in their absence."(91)

However well justified the resort to smaller enumeration districts, supervisors found dividing up their territory to be "a work of some difficulty," requiring "much time, travel, and labor" or "a long and thoughtful correspondence."(92) Virginia supervisors noted, "The location of boundaries so that each subdistrict should be of nearly equal and very limited population, was a pioneer duty in which no previous census was of much aid, and which has required an unexpected degree of careful study, and a very voluminous correspondence with persons locally informed."(93)

Estimating the size of the population within small areas proved to be the most difficult element of districting. Ohio supervisors contended, "It would have been comparatively easy to do this by maps and charts had it not been necessary to a nearly equal division to ascertain the distribution of population within the precinct to be subdivided. The population of a precinct could be estimated by its vote, [but] not so with a part of a precinct. This was accomplished by correspondence and consultations with citizens from all parts of our territory."(94) In some states, like Illinois, counties were not broken into townships, and the census of 1870 provided no indicator of the population size for alternative civil divisions.(95)

Estimating the population of small areas was further complicated by the disturbingly permeable boundaries of civil divisions. Even county boundaries changed between 1870 and 1880. Illinois supervisors testified that voting precincts in their state "cannot be regarded as 'permanent civil divisions of the country,' as they are liable to be changed from year to year to serve the convenience of any neighborhood which may wish to be attached or detached for the purpose of bring brought nearer to the voting place, as to avoid a river, a swamp, or other obstacle."(96)

The shifting and indistinguishable nature of some civil divisions may partially explain enumerators' failures to clearly mark the change from one civil division to another on their schedules, as required by the instructions to enumerators. For example, at the closing out of his population schedules, enumerator Geo. D. Collins explained, "The foregoing population constitute two mil[itia] dist[ri]ct[s] to wit: Red Rock and Oregon. Red Rock mil dist. is a new dist. made since Jan'y 1st 1880, the southern portion was cut off Oregon, and the line was unsatisfactory to the citizens, and the line was being changed, therefore it was impossible to make a distinction between the two dists."(97)

In urban areas, enumeration subdistricts were commonly political wards or voting precincts, but these sometimes exceeded the specified population limits. In an era when Western cities sometimes more than doubled in population in a decade, estimating the number of residents within parts of an urban area proved challenging. In some rapidly growing cities, "the task of districting for enumeration districts was not only arduous, but in some cases took longer than the enumeration."(98) Despite their best efforts, supervisors were not always successful in creating subdistricts of nearly

equal size. For example, Atlanta was divided "injudiciously" into subdistricts ranging from 800 to over 5000 people.(99) Similarly, in St. Paul, the supervisor made "grave mistakes in his sub-districting," so that "some of the districts contained a population largely in excess of the maximum number for which the enumerators received pay."(100)

Training and Oversight of Enumerators

However carefully enumerators might be selected, the quality of their returns was shaped by the mechanisms in place to "instruct, supervise, and finally correct the work of...enumerators."(101) The responsibility for defining and carrying out these tasks was split between the Washington Census Office and the district supervisors.

In early May, supervisors received from Washington advance samples of the schedules; in late May, the actual blanks arrived. The schedules, which were "put into large portfolios and will be carried in a cotton sack especially prepared for the purpose," were given to enumerators when they received their commissions and were sworn into office.(102) For their guidance, enumerators also received a letter of instruction that spelled out pay rates in their district, commissions and oaths, a pamphlet containing "clear and minute" instructions on how to conduct themselves and fill out the schedules, a model completed schedule, and, in at least some districts, copies of the census law.(103)

Because few records from the central Census Office have survived, it is impossible to reconstruct all the directions coming from Washington on the training and oversight of enumerators. It is clear that Walker was determined to change the situation from 1870, when enumerators "were entirely independent of me, and I had no control of their work."(104) North Carolina supervisors noted that, "It is well known that Superintendent Walker desired and insisted upon a far more thorough and accurate work than had been done in the previous enumeration, and thus poured in upon the Supervisor almost daily instructions."(105) For example, on May 31, 1880, Walker ordered by telegraph that enumerators should record responses in "standard black ink."(106) The Superintendent also required all enumerators to report each day, via a standard form on postal cards, to the central office in Washington and their district supervisor. These daily reports indicated the number of hours and minutes engaged on the service, and the number of persons, farms, manufacturing establishment, and deaths enumerated that day.(107)

Whatever may have been Walker's desire for uniform practice, press reports indicate that the details of oversight varied across localities. As a Missouri supervisor put it in a letter to the Superintendent, "each Supervisor devised such plans and resorted to such proper means as in his judgment would best subserve the interests of the Government and best promote the efficiency of the service in hand." In Atlanta, the supervisor advised the enumerators "to make a careful study of their instructions and schedules," encouraged them "when practicable," to "meet together and confer as to their duties," to "examine carefully the instructions in regard to their oath," and to "procure a city map and mark it off clearly so as not to be misled and to neglect any part of his work." Presumably he reinforced these points in the two meetings he held with the full contingent of enumerators in the last week of May.(108) In the re-enumeration of St. Louis, where particular pains were made to secure a complete count, citizens received population schedule blanks, and enumerators received maps and familiarized themselves with their districts, before the enumeration began.(109) But it cannot be assumed that these pre-censal steps were generally in place. In some cities, like Philadelphia and Sacramento, supervisors limited their pre-enumeration training to issuing verbal instructions during the swearing in and addressing the enumerators en masse about "the necessity of taking great pains to have the census properly gathered."(110)

So widespread were efforts to check the quality of the first few days' fieldwork that Walker probably dictated this step to the supervisors. But supervisors carried out the check in different ways. In Baltimore, the supervisor ordered enumerators to report to his office on June 2 and 3, "that he [and one assistant] might examine their work and correct at the start any errors the enumerators may make, for otherwise the errors might continue to the end of the enumerating and require increased labor to correct the books."(111) On June 3, the Atlanta supervisor had enumerators send in their

schedules, directing them to protect the papers by carefully wrapping them around a stiff pasteboard tube or broomstick.(112) The *New York Times* reported on June 5 that "great piles of signed and certified sheets or schedules are beginning to accumulate in the [supervisor's] Liberty Street Office, where a corps of clerks from Washington are revising them preparatory to casting up the sum total of the various wards and districts."(113) In Philadelphia, prominent citizen volunteers and a contingent from the city paper met with enumerators in local schoolhouses on the evening of June 3. There the censustakers exhibited their initial work on a "test examination" and posed questions about the niceties of enumeration (e.g., should a servant dismissed on June 1 still count as a member of the household?).(114)

General meetings to review fieldwork (as in Philadelphia) or personally reporting to the supervisor's office (as in Baltimore) would be practical only for those enumerators residing near the city where the supervisor carried on business. Having enumerators send in schedules to be reviewed (as in Atlanta) would have been generally workable. But whatever the method adopted, in those cities for which information is available, this early fieldwork was pronounced satisfactory. New York enumerators were labelled "good writers and very neat in their clerical work." Baltimore's corps had "comparatively few mistakes in the mode of doing the work, and nearly all were in matters of form merely." The Atlanta supervisor pronounced himself satisfied with the incoming results. In Philadelphia, enumerators "had apparently studied their instructions very closely," "were thoroughly conversant with their work," and "took great pride" in it.(115)

In some areas, other periodic checks on the enumeration were in place. Philadelphia was divided into ten districts overseen by "Commissioners."(116) An Arkansas supervisor reported that he had sent to his enumerators "an average of ten letters and instructions."(117) The District of Columbia supervisor claimed that enumerators were ordered to bring their work to his office every other day.(118) Other supervisors employed positive incentives, like the Missouri man who awarded an honorary "diploma" to the enumerator in each county in his district who had done "the best work." (The supervisor's fruitless efforts to secure Francis Walker's and the President's signatures on these "diplomas" maintained a "laborious and unnecessary correspondence" of at least 18 letters between Missouri and Washington).(119) Enumerators themselves reviewed and corrected their schedules during the enumeration process, being "frequently obliged to pass an hour or two in the evening in putting the lists which they have taken during the day in proper order."(120) These corrections by the enumerators presumably entailed recopying illegible pages and filling in information on those who were found on a second visit.

Length of the Enumeration Period

Enumeration was to run from the "census day" of June 1, 1880 to June 15 (in cities of at least 10,000 population) or to June 30. This relatively brief enumeration period represented a major break from 1850, 1860, and 1870, when enumeration ran from June 1 to November 1. By reducing the number of people who were missed or double counted due to migration over the enumeration period, the shorter enumeration time increased accuracy.(121)

In most districts, the "grand interviewing tour" began close to schedule.(122) On June 1, 23,571 enumerators, or 75 percent of the "vast army" of 31,265 eventually employed, were engaged on the work.(123) The canvass was delayed in some subdistricts because of poor organization or difficulty in finding a qualified resident as enumerator. For example, in New York City, 11 of the 681 enumerators were not sworn in until June 5. In the New Orleans district, the majority of enumerators began and ended on time, but in the back country, some had not yet assumed office on June 15. In 3 out of 150 supervisor districts, all enumeration began late, due to delay in confirming a supervisor.(124)

Once begun, enumerators varied considerably in how rapidly they worked. The Superintendent estimated that "an active and intelligent enumerator can easily take from 200 to 300 names a day in a city, at least after the first day or two."(125) Some urban enumerators worked much faster. In a letter to the editor of the *Philadelphia Public Ledger*, an enumerator testified, "I

started into the work and finished my work in 4 days, 8 hours, and 20 minutes, having 1420 names." He explained his pace (an average of 36 names per hour) as follows: "My district was thickly settled, the greater portion being of the laboring class, working in mills and foundaries, with 8,9, and sometimes 10 in the family." (126) In Atlanta, the highest number of names taken in a single day was 580 (presumably including an institution), and the lowest number was 3. (127) In sparsely settled districts, enumerators sometimes encountered the problem that Henry C. Foster noted on a population schedule: "None taken this day although I labored diligently." (128)

The maximum pay for enumerators was set at four dollars a day east of the one hundredth meridian, and six dollars a day west of that line. At a piece rate of two cents a person entered on the population schedule in urban areas, enumerators could expect to maximize their pay if they limited their daily quota to two hundred names. The *New York Times* claimed that most censustakers followed this strategy: "The main object of the workers is to spread their work as much as possible over the two weeks allowed by law, and comparatively few, therefore, exceed the limit of 200 names per day." (129)

Cities with over 10,000 inhabitants were not uniformly successful in completing their canvass by June 15, 1880, as mandated by the census law. For example, though San Francisco, Philadelphia, and Washington, D.C. had completed the work by the middle of the month, the enumeration dragged on into late June in Atlanta and New Orleans. (130)

Outside of "a few districts in exceptional localities," enumerators generally finished by June 30, 1880. The Census Office stated that only about 2 percent of the work days reported by enumerators occurred after July 1, 1880. (131) By December 1, 1880, returns were in from all but 7 of the 31,265 enumeration subdistricts, and the final set (from Covington, Pennsylvania) reached the Washington Census Office on January 15, 1881. (132) That such a high proportion of the population returns were completed on time is strong testimony of the general efficiency of the 1880 enumeration.

Schedules and Pay Rates

The best-publicized aspect of the enumerator's job was to count the people, but the canvassers gathered a much broader range of information. For the tenth census, enumerators carried up to five sets of schedules to fill out on their rounds. The first, the population schedule, served as the basis for population counts and apportionment, and is the schedule sampled for the 1880 public use microdata sample. The form was laid out to allocate one line to each member of a household, and had ruled columns for entering responses to each question.

At the head of the population schedule, the enumerator filled in the county and state, the date of enumeration, his or her name, the supervisor's district number, and the enumeration district number. Movement between dwellings and households was indicated by specifying (in urban areas) the house number and street, by numbering the dwelling houses in order of visitation, and numbering families (or, according to current usage, household) within dwellings in order of visitation. The enumerator then collected a wide variety of demographic and economic information on household members, including race, sex, age, relationship to household head, marital status, occupation (for males and females over age 10), number of months unemployed during the preceding twelve months, morbidity (i.e., whether precluded from ordinary duties by illness or disability on the day of the enumerator's visit, nature of illness or disability), disability status (i.e., whether blind, deaf, dumb, idiotic, insane, or maimed), education (i.e., whether attended school during the preceding year, and whether unable to read or to write), and nativity (place of birth of the individual and of his or her mother and father). (For a more detailed listing of questions, see Table 2).

A number of the questions on the 1880 population schedule had not been asked in preceding censuses. Among these innovative inquiries were the questions on relationship to household head, unemployment, illness, and parental birthplaces. Some of these additions were made in response to public petitioning for information. The unemployment inquiry was presumably partly modelled on a special survey carried out earlier by the Massachusetts Bureau of Labor and, like that survey, reflected heightened concern about the issue of unemployment due to the national depression

occurring around the time of passage of the census law. In addition, Congress had received petitions requesting the addition of an unemployment question to the census. Censuses of other countries (including Ireland) had incorporated questions on illness and morbidity, and petitions for including questions on disease had been addressed to Congress by "the various medical associations, and also by the American Public Health Association." (133)

The one inquiry which had been included in 1870 but was dropped in 1880 related to the value of personal and real property. Though the responses to this inquiry have been extensively used by economic and social historians, Francis Walker labelled the results from 1870 as "worse than useless...[and] sure to be false and deceptive." (134). Only the household head, who was often absent during the enumerators' visit, was, he alleged, an informed respondent for this question. "Usually it can be assumed that the wife or daughter knows little or nothing respecting the investment of the family property, and, even in the cases where the knowledge existed, would hesitate to answer on such a point without the consent of the head of the family." (135). In addition, Walker claimed, these "interrogatories" provoked popular resentment, and caused "more vexation and trouble to the enumerators than any six others in the schedule." (136) So low was his opinion of the response to these questions in the preceding census that the Census Bureau had not compiled the returns, publishing instead results on the assessed value of property within counties. (137)

While most of the inquiries on the population schedule for 1880 were designed to elicit information considered interesting in its own right, some were included primarily to improve the accuracy of the returns. For example, relationship to household head (or "head of this family," in the terminology of the time) was intended to reduce the likelihood that any household members were unintentionally skipped by the respondent. (Rather than simply demanding a list of resident persons, enumerators seem to have run down various categories of persons in their questioning, asking, for example, about spouses, children, and borders, lodgers, and servants, in turn). The question about the month of birth of children under 1 was designed to reduce age misreporting and to enable clerks at the census office to weed out children born after June 1, 1880 when tabulating the returns. Explained Walker, "I had very grave doubts in regard to those ages in the lower periods of life, and accordingly introduced the column, 'If born during the census year, state the month.' In that way it was found out that the enumerators had put tens of thousands of children into the census who were born after the census date--the 1st of June--and hence were, by law, to be excluded from the enumeration. These unfortunate innocents were known familiarly in the office as 'June bugs,' and they were exterminated with worse than Herodian malignity by my young gentlemen." (138)

The most problematic aspect of the structure of the population schedule was the inclusion of several questions where leaving the space blank provided a meaningful answer. Among these inquiries were the questions on marriage within the census year (with a blank implying "no"), on number of months of unemployment (with a blank implying "no unemployment"), on morbidity and the various disabilities (with a blank implying an absence of these conditions), on school attendance (with a blank implying "no attendance") and on illiteracy (with blanks implying "able to read" and "able to write"). When no response had to be filled in for the blank to appear complete, enumerators were less likely to pose the question. Evidence from the 1880 public use microdata sample shows that some enumerators failed to fill in any response on some of these queries, and responses present on the manuscript schedules must be regarded as lower bound estimates for these variables.

The other schedules completed by the enumerators related to agriculture, manufactures, deaths in the census year (occurring between June 1, 1879 and May 31, 1880), and the "defective, dependent, and delinquent classes." Burdening the enumerators with so many separate inquiries doubtless slowed the enumeration process and reduced the completeness of the returns on all of the schedules. In the abstract, this was recognized by Walker, who acknowledged, "The limits of usefulness for a popular canvass of a community are very narrow and very rigid. If you attempt to reach too much, you will simply impair the value of what you do get." (139) Though the burden on the enumerators was reduced somewhat by relegating some inquiries (on, for example, some industries and crops) to special agents, the use of the census as an all-encompassing document on the

economic and social state of the nation necessitated the use of multiple schedules in the general canvass of the population.

Schedules other than the population schedule contained a multiplicity of inquiries. Schedule 2, on agriculture, was "a very elaborate document, containing an even one hundred questions." The queries covered, with minuteness of detail, the conditions of farm ownership or rental, the proportion of land improved, the value of the farm, the expenditures on wages, and the estimated value of production.(140) The third schedule, on manufactures, covered factories and "the mechanical trades" (e.g., blacksmithing) where the cost of production was \$500 annually, including costs of materials. Details gathered included the type of product, the maximum number of hands employed during the year, the capital invested, and the machinery employed.(141) Twelve supplementary special schedules were distributed to collect information on specific industries ranging from agricultural implements to gristmills.(142) Schedule 4, on mortality, contained "the name of the deceased, age, disease, etc., and the physician who killed the victim, and his school of practice."(143) The fifth inquiry, on the "defective, dependent, and delinquent classes," consisted of a set of seven blanks for enumerating and describing the condition of "the insane persons, idiots, deaf mutes, blind persons, homeless children, persons in prison, and pauper and indigent persons supported at the public expense."(144)

Whether forms other than the population schedule were filled out depended on where the enumeration was done and the answers to some preliminary questions. In 276 towns and cities named by Walker, enumerators did not complete the manufacturing schedule, for the task was delegated to 365 special agents.(145) The mortality inquiry was withdrawn for cities in which reliable continuous death registration systems could supply the desired statistics.(146) Though specific crops were the subject of reports by special agents, the agricultural schedule was distributed to all enumerators -- even those who canvassed New York City. Enumerators filled out the mortality schedule only if the respondent acknowledged that a death had occurred in the household between May 31, 1879 and June 1, 1880 and completed the supplemental schedules on the "defective, dependent, and delinquent classes" only for households known to contain such persons.

The Census Office encouraged enumerators to use all relevant schedules through a piece-rate payment system with higher rewards for the non-population schedules. At minimum, an enumerator received 2 cents for each person enumerated on Schedule 1, 10 cents for each farm on Schedule 2, 15 cents for each industrial establishment on Schedule 3, 5 cents for each death on schedule 4, and 5 cents for each name of the "defective, dependent, and delinquent" on Schedule 5. In sparsely populated subdistricts, the increased territory to be covered and the fewer returns were offset by higher rates of pay. In rural Rabun County, Georgia, for example, the fees were raised to 3 1/2 cents per person, 15 cents per farm, and 15-25 cents per industrial establishment. Alternatively, fieldwork could be compensated at an hourly wage of 40 cents in the East or 60 cents in the sparsely populated region west of the 100th meridian.(147)

Piece rate incentives were not always enough to ensure that enumerators consistently asked the opening questions for schedules other than the population inquiry. For example, the Superintendent estimated that only about 60 percent of deaths were captured by the mortality inquiry. While part of this failure was attributable to the respective nature of the survey, some of the omissions doubtless derived from enumerators' reluctance to ask consistently a question with only a small likelihood of adding 5 cents to their earnings.

Public Preparedness for the Enumeration

The appearance of an enumerator on the doorstep could hardly have surprised those who read their local newspaper. Every one of the eleven city newspapers we examined for 1880 carried extensive coverage of the upcoming census, usually including the names and districts of the enumerators and the content of the population schedule.(148) While some papers reported on the census without prompting, some of this coverage came at the petitioning of census supervisors, enumerators, and public-spirited citizens.(149)

Stories about the census commonly included pleas for full public cooperation. Typical was the *Baltimore Sun's* comment that, "The questions are close and searching, but they are necessary for the purposes of an intelligent government anxious to look after the best interests of the country." (150) Most newspapers even encouraged people to prepare by writing down their answers in advance. For example, the *Atlanta Constitution* urged, "People should think over the answers to be made, in order to have them as full and accurate as possible, and it will perhaps save time if each householder should make a memorandum, in advance, of the facts in connection with his family and his business." (151)

The public relations campaign that city papers voluntarily carried on for the census can partly explain the rarity with which enumerators encountered resistant respondents (see below). Francis Walker credited the importance of favorable press publicity enough to tell supervisors, "I think it would be quite the correct thing for you to make acknowledgement through the press of the aid which has been given you by the public-spirited cooperation of the press of the city." (152) The Baltimore supervisor agreed, crediting the *Sun's* "frequent, able, and plain phrased articles" with "having had the effect not only to inform the public thoroughly, but to prepare for the efficient enumerators...ready and hearty cooperation on the part of the citizens." (153)

So widely-anticipated and highly-publicized was the census that it entered popular culture, through humor, advertising, and even con games. Newspapers writers penned anecdotes about fictional low-status individuals (a black Southerner, Irish immigrant, or Western prospector) who were offended by the questions and forcibly evicted the hapless census-taker. (154) A tongue-in-cheek story in the *Atlanta Constitution* suggested that the census should collect information on the "7,000 persons who own walking sticks that Andrew Jackson used to carry and 11,000 and some odd persons who have curls from the head of the late Lady Washington." (155) References to the census were used to sell information on the Louisiana state lottery. (156) Advertisers claimed that the inquiry established the preference of vacationers for "the Wabash, St. Louis and Pacific Railway" and the number of St. Louis babies who "would all be happier if they had one of those beautiful, fur-trimmed, satin-finished Esquimaux hats that they sell at the Famous for \$1." (157) Washingtonians were warned to ask for the enumerators' credentials because "imposters generally avail themselves of the chance to enter and examine the interior of houses." (158) In "the latest confidence game," con-men tricked farmers into signing forms represented as agricultural schedule blanks, and later changed into promissory notes for \$150. (159)

Trials and Tribulations of Enumerators

Just as the public was prepared to "look out for the census man," (160) enumerators themselves were prepared by directives on their general demeanor. On the one hand, an enumerator was to proceed briskly, being "prompt, rapid, and decisive in announcing his object and authority, (and) in going through the whole list of questions." On the other hand, enumerators were warned not to antagonize respondents. Walker ordered, "The duty of an enumerator, is...to use great courtesy and consideration. A rude, peremptory or overbearing demeanor would not only be a wrong to the families visited, but would work an injury to the census by rendering the members of these families less disposed to give information with fullness and exactness." (161) Local supervisors reinforced this last directive, by charging their canvassers to exercise "endless patience and unfailing courtesy" and by inviting members of the public to report "rude" or "insolent" enumerators so that they could be censured or removed from office. (162)

Some of the problems faced by enumerators were enough to demand "endless patience," indeed. The *San Francisco Chronicle* predicted, "Those who imagine enumerating to be easy will be undeceived when the work begins." (163) During the check on fieldwork in Philadelphia, "nearly all the men stated that the work was much harder than they had anticipated." (164) Observers characterized the job as "arduous work," "tedious labors," a "laborious undertaking," and "onerous and responsible duties." (165)

The *St. Louis Post Dispatch* claimed, "The trials which the enumerators have to undergo in their pursuit of names would fill a volume and make quite interesting reading." (166) Enumerator

Mary Ames Atkins summed up her trials in a notation at the close of her population schedules: "A thorough, patient, faithful canvass, which I have prosecuted in spite of dogs, an ignorant fort-master, pitiful penny-a-liners, "bad whiskey," a too sadly frequent assurance that my employer was "a meddlesome fool," and long journeys often with none to enumerate for great distances." Another enumerator, W. B. McKinstry, wrote of other difficulties on his last population schedule: "I have been hindered by sickness, high water, and want of schedules but finished the enumeration on July 9th, excepting 10 persons that were discovered and added afterward." (167) The most dramatic case of "the census under difficulties" was the widely-reported but fictional "armless enumerator" of Bucyrus, Ohio, who allegedly wrote with a pencil in his teeth and carried his portfolio under the stub of his arm. (168)

Enumerators had to "write while standing in the midst of the annoyances and distractions without number." (169) Most often, the canvassers queried non-employed women at home, but the New York City enumerators complained of being "often obliged to run all over town to procure the names of persons who cannot be found at their residences." In closing out his returns, one enumerator reported, "In addition to time given in I spent some 10 or 12 hours not charged hunting up the scatterings." (170) In agricultural areas, the cadre trooped out to the fields because "the men did not like to leave their work." (171) In town, they resented "the custom among many of the prominent lawyers and business men of forcing them to wait in their anterooms an unreasonable length of time...[which] often costs them a dollar or two of their day's earnings." (172) They commonly complained of working "during the intensely heated term of June," (173) a hazard blamed for the widely-reported suicide of a Macon, Georgia, enumerator, whose "exposure to the sun while in the discharge of the duties...deranged his mind." (174) In the countryside, rainy weather imposed another set of obstacles. In Wadena, Minnesota, the rising rivers and creeks meant that "census enumerators who cannot swim experience considerable difficulty in getting around"; in Walcott, Minnesota, an enumerator recorded twenty-five people whose names were shouted across the banks of a swollen river. (175)

Newspaper coverage of local enumerations suggest that public suspicions about the legitimacy of the enumerators' questions posed another potential problem for canvassers. At the same time, the enumerator's job was made easier by local newspapers' vigorous efforts to allay public fears. The *San Francisco Chronicle* noted, "An erroneous idea concerning the number and import of the questions to be asked of the enumerators has gotten abroad. It is currently believed that the enumerators will subject each householder to questions numbering between 25 and 30, concerning all kinds of family affairs." The story promised, instead, a few questions, "all of which may be answered without hesitation by anybody." The *Washington Post* acknowledged that people were "prone to regard the enumerator as impertinent and as using his authority to gratify his personal curiosity." (176) The Post and other papers declared that "every question is ordered and directed by law," and that enumerators had neither time nor authority to add "unnecessary questions." (177) Jokingly, the Chronicle promised that enumerators were barred from asking a woman "how many evenings her husband returns home late, [or] if she couldn't have done better in choosing a spouse." (178)

Other latent fears related to the confidentiality and use of the information collected. An important innovation in the 1879 census act, declaring responses confidential and imposing penalties on enumerators and supervisors who divulged them, supported the promise that "the answers...are not to be used to any one's disadvantage or detriment in any possible way." (179) The *St. Louis Post Dispatch* reported, "The enumerators must be men of good moral character and must take a binding oath not to reveal any of the secrets of their work. In case of a violation of this oath, they are liable to imprisonment." (180) Similarly, the *Philadelphia Public Ledger* noted, "While the Government provides for making inquiries as to personal matters for the purpose of enlightening the law-makers in the exercise of their duties, it takes care that information of a personal nature or touching individual business shall not be revealed by the officers who collect it. For this, as well as other reasons, the census takers should be aided and expedited in their duties." And the *Sacramento Daily Record*

observed, "The names are not used in making up the tables which are subsequently published, nor is anything done which can make possible the tracing of any particular fact to any particular person." (181) The most widespread fear seemed to be that an individual or company's taxes would be raised. Newspapers promised, "No person's taxes can be to the extent of one cent increased or diminished by the answers given" and taught the difference between tax assessors' and enumerators' missions. (182)

Due in part to this favorable publicity, enumerators across cities were "well received generally," "kindly received," and "except in one or two cases...received with courtesy." In Baltimore, a few enumerators even met with an "unexpectedly agreeable reception...[from] housekeepers who refueled the tired censustakers with a drink of lemonade." (183) With minor exceptions, the press coverage supports Francis Walker's claim that "the importance of statistical information is very generally appreciated, and if the enumerator enters upon his work in a right spirit, he will generally meet with a favorable and even cordial response." (184). This was supposedly even more true in 1880 than in the preceding enumeration. According to a Census Office report, "The interest generally manifested throughout the United States in the ninth census was far below that which has been shown in the present year." (185)

Enumerators' notations on the population schedules indicate that hostile responses were not wholly unknown. Mary Ames Atkins, noted next to one household listing, "I had no end of trouble with this No. and 26. A pair of reckless ones." Canvasser Fred Grundy noted of one respondent, "This person is a chronic drunkard and tried in every possible manner to prevent me from obtaining the necessary information." (186) But such comments about the resistance of some individuals must be weighed against more positive assessments of the general public's response. Enumerator John W. Lapp of Harrison County, Indiana, wrote, "I have been very kindly received by the people. The only only trouble I have had was to find them but I think I found every one in the district." Enumerator Henry Galley concluded, "I...can say in truth that no one one gave me an uncourteous word during all my enumeration." (187)

Those who refused to answer questions sometimes simply misinterpreted the enumerator's mission. As the *San Francisco Chronicle* noted, "Few people hesitate to answer the questions asked, and of these the greater proportion are foreigners who do not perfectly understand the object of the inquiry." (188) The few non-respondents described in local papers bear out this characterization. The only person in New Orleans who refused to give any information was "a foreigner, a Russian or a Pole" who "imagined the census taker was a military agent." One of the few refusals in St. Louis came from "a Bohemian family" who "said they had gotten into serious trouble in the old country" and was in "mortal terror" of any government representative. (189) And the *Washington Post* reported, "Germans not long here, in many cases, gave trouble by their fear that their names would be used for draft purposes." (190)

The other group that resisted revealing information were members of religious institutions who regarded themselves as outside the province of the state. The head of St. Louis's Convent of the Good Shepherd refused to answer the enumerator's questions but consented to fill out the forms herself. The Mother Superior of the Foundling Asylum in Avondale, Louisiana, was arrested for refusing information on "a number of women who have recently been or are expecting to be confined" because "their presence in the institution she holds to be a matter that in no way concerns the outside world." Enumerator S.E. Whitney noted, next to the listing for a convent, "The above are the names of those troublesome 'Sisters' scared out of them by threat of prosecution....The names are, doubtless, church names, but probably will do." (191) Obviously, such persons did not constitute a significant share of the population.

A more systematic measure of the extent of public resistance is the number of arrests for withholding information from a census taker. The figures are strikingly low. In New Orleans, only one refusal was noted; in St. Louis, as of June 14, "No one...persisted in refusing compliance"; in Washington, D.C., the first arrest warrant was not issued until June 7; in Baltimore, all obstacles were overcome by "a courteous explanation of the law"; in San Francisco, as of June 12, there were

"four or five absolute and preremptory refusals...[for which] warrants have been issued"; and in New York City, approximately one to three warrants a day were issued against "open defiers of the law." (192) Enumerators generally persuaded the recalcitrant by securing a policeman and quoting the 1879 census law, which made non-cooperating persons over 20 liable to arrest and payment of a fine not exceeding \$100. Non-complying officers or agents of corporations were liable to arrest, payment of a fine of between five hundred and ten thousand dollars, and imprisonment for up to one year. (193)

Groups at High Risk of Underenumeration

A recent study by Peter Knights estimated selective underenumeration in the 1880 census by isolating Boston residents whose names appeared in other lists of city inhabitants and did not appear on the census rolls. Knights found that unmarried young adults, those with low-status occupations, and the foreign born were most likely to be missed by the Boston enumerators. (194) How closely did the observations of contemporaries on relatively underenumerated groups match the findings from such double capture studies?

Boarders comprised one group recognized as underrepresented in the census. Families that took in a small number of boarders and lodgers for extra income did not necessarily recognize these unrelated persons as members of the household unless specifically queried about their presence. In Philadelphia, "some of the proprietors of the boarding houses say that they did not feel like giving the names of their boarders because the enumerators did not ask for them." To reduce this error, in the local newspaper, the supervisor warned his underlings against "confining themselves to the family and hired people of the head of the household." (195) In San Francisco, too, "difficulties were experienced by the officials in obtaining the names of residents of boarding houses." (196) The publisher of the *St. Paul City Directory* characterized that city as particularly difficult to canvass "owing to the large number of boarding houses of the cheaper class and the large number of people living in rented rooms." Explained the directory man, "The keepers of the class of boarding houses alluded to have no registry of their boarders and a large number of 'roomers' are not to be found in their apartments during the day." (197)

Another factor contributing to the undercount of boarders was the frequent movement of these individuals between residences. If, over the course of the enumeration period, someone moved from a spot that the enumerator had not yet reached into another in territory that had already been covered, he or she was almost certain to be missed. This problem was one of the rationales for shortening the length of the enumeration period in 1880. "Many persons have a 'usual place of abode' only in a qualified sense....In the case of those who shift their quarters, under the stress of want, from one cheap boarding house to another, the chances of omission are great," Francis Walker explained. "Thousands of persons in every large city, how many tens of thousands in a city like New York, not only live in boarding houses, but change their boarding houses at every freak of fancy or disgust, not to speak of those who leave under the stress of impecuniosity, and therefore are not likely to leave their future address or advertise their residence." The shortening of the enumeration period to two weeks in cities over 10,000 population reduced this problem somewhat in 1880, but "every additional day through which the census is protracted affords opportunity for the escape of an additional number of persons from enumeration." (198)

The mobility of persons in temporary lodgings was perceived to be primarily an urban problem, and this may partly explain why double capture studies have yielded higher underestimation estimates for cities. In the largest cities, "a very large proportion of the population is always in movement....Hundreds and thousands of families live in wretched lodging houses as long as they can, till turned out for arrears of rent, and then shift to some other miserable quarter." (199) From this perspective, the supervisor for the first district of Georgia expressed confidence in the completeness of the count for every group except "the floating population of Atlanta" (200). In contrast, "in rural districts, where a family may be expected to reside not only for the entire year but for a term of years in the same house, the omission on this account is not large." Rather, the main challenge in rural

districts was "the liability of assistants to overlook houses situated on by-roads, and cabins standing in the woods or in the fields." (1878)

Enumerators sometimes went to considerable lengths to record boarders. One particularly painstaking canvasser in San Francisco "sat all night on the stairs of a large lodging-house so as to waylay the boarders as they emerged in the morning." The more pragmatic left blanks for each individual but found that "numbers of persons either through a misconception of the importance of the census, or else through gross neglect, were careless as to what became of the forms." (202) Despite the enumerators' best efforts, boarders were relatively underenumerated, and census-based figures on this residence pattern should be regarded as a lower bound estimate. The higher underenumeration of unmarried young adults and the poor can be partly ascribed to the undercount of boarders, since boarders tended to match this demographic profile. (203)

Undercounting of the young adults and the poor was also exacerbated by the greater likelihood that such persons slept where they worked or lived in hard to find dwellings. Instructions issued to the 1880 enumerators by the Census Bureau ordered the canvassers to adopt a generous definition of dwellings: "A dwelling house, for the purpose of the census, means any building or place of abode, of whatever character, material, or structure, in which any person is at the time living, whether in a room above a warehouse or factory, a loft above a stable or a wigwam on the outskirts of a settlement, equally with a dwelling house in the usual ordinary sense of the term." (204) However carefully enumerators might try to respect this definition, they were still especially liable "to fail to obtain the names of porters, clerks, and watchmen living over business places, [and] of families and individuals residing in obscure rookeries and alleys." (205) In Atlanta, complaints of having been missed by the enumerator were most common from those who had "a sleeping apartment in some room over a store, and are not in their room from early morning until late at night." (206)

Francis Walker tried to improve coverage of such persons by writing to city mayors, requesting "that the police, who are better acquainted with all such people, assist the census takers in their work." (207) In New York City, policemen assisted enumerators in "unsavory neighborhoods" like the Five Points. (208) Whether the request was honored in other cities depended on the discretion of the police commissioner, the mayor, and city pressure groups like the board of trade or chamber of commerce. Local supervisors and municipal citizens committees sometimes improvised their own systems for capturing the working poor in their city's count. For example, in Minneapolis, the supervisor persuaded local businessmen to supply lists of their employees, to be checked against the population returns. (209) (See also the similar provisions made in St. Paul, discussed below). Because municipalities varied in their provision of supplemental assistance to the census takers, the degree of underenumeration differed across urban areas, as well as between rural and urban areas.

While structural conditions made the poor harder to count, they were not viewed as actively avoiding enumeration or particularly hostile to the census. Indeed, several cities reported that the rich were the most resistant to census inquiries. The *St. Louis Post Dispatch* noted, "There are probably more frivolous objections made to filling up the blanks by the people of the better classes than by the lowest and most ignorant." The *San Francisco Chronicle* remarked, "The positive stupidity of those who were supposed to be educated and intelligent persons, and their unwillingness to give information, was something extraordinary." And the *New York Times* contended, "Strange to say, the worst districts, those where the most difficulties are encountered, are not the tenement houses -- the rough quarters where the so-called 'lower classes' live -- but the elegant brown-stone neighborhoods about Fifth and Madison Avenue. The number of apparently intelligent and evidently rich and pretentious people who object to the census and harass and obstruct the census takers excites general surprise." (210) The problems encountered among New York's "moneyed aristocracy" included women who referred the census-takers to husbands "who were absent at their respective places of business," servants charged with messages like, "Master was in Newport, and had left strict order to give the census-taker no information whatever," and families who were in but "not receiving today." (211) Still, it is important to distinguish between arrogance and under-enumeration. The "moneyed aristocracy" may have been "sublimely indifferent" or "snappish and fault-finding," (212)

but their impressive dwellings were easy to locate and also peopled by servants. Once found, they were legally bound to answer questions.

Contemporaries were concerned about how temporary absences of people "on a summer vacation" would reduce the count for their city.(213) Such people would also depress the national count, since "transient visitors" were not to be enumerated.(214) The number of people who could afford to leave their home city for "watering places" cannot have been large, though it may have represented a considerable share of the rich. Estimates put the number of closed houses of out-of-town families in New York City at between 3000 and 6000.(215) In a few cities, the "summer hegira" was a serious problem. Because of the departure of residents "for the mines, mountains, and watering places," the San Francisco supervisor requested an extra two weeks for "securing the required information about these absentees."(216) Elsewhere, supervisors asked prospective travellers to send information to them or leave "full and sufficient memoranda...for the enumerator."(217)

Recent U.S. censuses have shown higher underenumeration for African-Americans, and this group was characterized as undercounted in censuses prior to 1880. Ex-Governor Aiken of South Carolina testified, "The old plantation owners did not like too much interference at any time, and there was not a very good record of the slaves, and if there was such a record the owners were not particularly desirous of having it appear, for there was a capitation tax levied upon the number held....The negroes had very little to say in the matter of enumeration, even if they knew it was in progress."(218) The concentration of African-Americans in the South led to their under enumeration in 1870, because of the region's incomplete count that year.

However, estimates of underenumeration for blacks and whites, based on demographic methods, suggest near parity in coverage in 1880. Specifically, the work of Coale and Rives and Coale and Zelnick estimates the net undercounts for blacks and whites at around 6.5 percent nationally in the tenth census.(219) Consistent with these estimates is the fact that observers of the time did not stress particular difficulties faced by enumerators in counting blacks. Indeed, Aiken stated, "the colored people have a general opinion that it is to their advantage to be entered on the books of Uncle Sam, and they have one and all been careful to see they were duly enumerated. They seem to take it as an honor in some way reflecting glory on them."(220) The only exception to this generalization was the *Washington Post's* observation that "negroes...among the lower classes, had become pretty generally impressed with the idea that the list was for the purpose of sending them to Liberia or compelling them to serve in the army. They called the enumerators census undertakers in many districts, and told each other the information was wanted for the United States Senators."(221)

Like today's historians, contemporary observers believed that the foreign-born were more likely to be missed by the census takers. As noted, recent immigrants sometimes misunderstood the census-takers' mission and attributed to them some punitive function. Language differences imposed barriers to enumeration, and interpreters were not generally provided. A total of only one hundred and fifty-seven persons were hired to assist enumerators on their rounds. Explained Walker, "This was found necessary in consequence of the large number of Chinese, of French Canadians, and of Scandinavians residing in certain districts."(222)

Sixty-three of the translators employed by the Census Bureau worked in California districts. This heavy concentration reflects special efforts by California supervisors to secure their use in counting the Chinese. For example, the San Francisco supervisor and a California Congressman petitioned Walker in April, 1880, to approve their use in that city's Chinatown.(223)

These special arrangements reflected the belief that "it is doubtful whether any satisfactory or really reliable results can reasonably be anticipated from the attempt to take a census of the Chinese population of San Francisco."(224) Along with translators, the San Francisco supervisor secured, through the intervention of Walker and the Secretary of State, an official notice from the Chinese minister urging his countrymen to cooperate.(225) On May 28, a proclamation from the Chinese Consul General ordering "all you Chinese, and the lower orders, to reply truthfully and clearly to all questions asked, under penalty of punishment, and to conceal nothing" was posted in San Francisco, "in prominent positions within Chinatown, the halls of the Six Companies, the theaters, restaurants,

and the Joss house."(226)

Legislative efforts to restrict Chinese immigration provided this subgroup with a unique motivation to elude the census. Noted the *San Francisco Chronicle*, "The Chinese Minister and the heads of the Six Companies are not such unsophisticated innocents as to be blind to the bearings of the proposed Chinese census, and what may be made of the facts, in case it shall be ascertained that our Mongolian population is greatly in excess of the current estimates...it is not likely that they will exhibit any great degree of zeal in furnishing statistics which may be used to their prejudice and tend to strengthen the argument of those who maintain that the Chinese immigration constitutes a formidable evil developing into a threatening proposition."(227) In other cities, such as New York, enumerators found Chinese servants to be "especially fearful of the census" because of the "prevalent idea" that "the enumerators have come to take them back to China."(228) The working conditions of Chinese laboring outside of private households also impeded their enumeration. The census supervisor for Oregon reported "much difficulty" in enumerating approximately 5,000 Chinese who resided in Portland but were "scattered over the county, working on railroads and other public improvements." Not only was it difficult to find these Chinese, but they also commonly "refused to give the enumerator any information whatever, to answer questions, or to give their names." One Oregon enumerator could do no more than count a group of Chinese railroad workers because they were "very suspicious" and convinced that "the enumerator was some tax collector."(229) These difficulties are borne out by evidence from the 1880 Public use microdata sample. For example, for large numbers of Chinese, no surname was entered on the population schedule.

Questions Eliciting Unreliable Responses

As noted above, the structure of the 1880 population schedule -- with its large number of questions where a blank space implied a meaningful answer -- reduced the accuracy of the returns on some variables. Above and beyond this problem, enumerators encountered resistance to providing information on some questions.

The 1880 population schedule incorporated several specific "close questions, concerning matters that most people do not care to talk about to a stranger."(230) Foremost among the questions considered "obnoxious" were the inquiries about whether any member of the household was "disabled, blind, idiotic, insane, crippled, or bedridden."(231) The *Washington Post* noted "mothers frequently striving to conceal defects, mental and physical in their offspring," and fictional anecdotes frequently had as their denouement a respondent's outrage at being queried on these matters.(232) The *San Francisco Chronicle* urged, "If there is an idiot or insane person in any family or household, or one whose blood is tainted with an incurable malady, whether mental or physical, the fact should be stated in reply to the question." (It incorrectly assumed that respondents would not be required to supply the name of the "unfortunate.") The paper assured readers that "the purpose of the census is not to disturb the tranquility of families or expose the crimes and misfortunes of individuals, but to collect the material for as accurate a photograph of the country as possible."(233) We must assume that the number of people recorded as insane, idiotic, deaf, blind, maimed, or ill in the census is a lower bound estimate.

According to the *Washington Post*, among the census questions, "the employment of men has presented the chief difficulty."(234) The Census Bureau's instructions to the enumerators placed special emphasis on accuracy in precision in recording occupations. Enumerators were told, "The inquiry 'profession, occupation, or trade,' is one of the most important questions of the schedule. Make a study of it. Take special pains to avoid unmeaning terms, or such as are too general to convey a definite idea of the occupation." A lengthy list of detailed directions for recording specific occupations followed, together with the proviso, "You are under no obligation to give any man's occupation just as he expresses it. If he can not tell intelligibly what it is, find out what he does and characterize his profession accordingly."(235).

Despite these explicit directives, enumerators encountered considerable problems with the occupation question in the field. Explained the *Post*, "In the majority of cases where the business was

not an easily definable one the parties were particularly anxious for a high-sounding title and quarreled with the census taker if he declined to comply with their wish, but used the discretion invested in him by the law."(236) This theme was echoed in the press in humorous fictional stories reporting ridiculous titles appended to menial jobs. In two stories, Irish immigrant women were presented as describing the work of male household members as "ascinder and descinder" (for a coal carrier), an "ilevator" (for a brick carrier), and as "public official" (for a combination of porter, fireman, and Democratic voter)(337). A *New York Times* reporter who accompanied an enumerator on her rounds in a wealthy neighborhood reported a similar dynamic among the well-off. In the course of questioning, the father's occupation was changed from "wholesale merchant" to "grocer"; the young man's own occupation was reported as "gentleman" and recorded first as "no occupation" and then as "grocer" (since he assisted in his father's store).(238) That enumerators commonly had the will and patience to probe and dispute reports of occupation in this way is dubious.

Fragmentary qualitative testimony identifies a variety of other questions as exciting resistance or eliciting untrue responses. The "relationship of each person to the head of the family" was another query "there are objections to."(239) The basis for these objections is unclear; a possible explanation could be resentment from those with out-of-wedlock births or informal unions. In a fictional anecdote that may have held a grain of truth, a Southern black couple was angered when the enumerator asked about whether their children were "white, black, or mulatto"; in such a case, the question implicitly probed the incidence of adultery.(240) Another fictional story which may have mimicked life portrayed an Irish immigrant who claimed she was literate but was unable to write out her name for the enumerator.(241)

Many stories pressed the point that "the one requiring the age of every female is one that is attempted to be dodged in every conceivable way."(242) Usually women were portrayed as understating their ages, though a few stories emphasized age overstatement among both sexes. Still, opinion on the severity of female age misstatement was mixed, with some reports contending "the difficulty in trying to ascertain the ages of men and women who desire to appear younger than they are does not arise in enough cases, probably, to vitiate the returns as to ages."(243) Demographic tests of the extent of digit preference (an undue share of women aged 29 or 39, for example) in the 1880 population totals do not bear out the complaint of a much higher degree of age mistatement for adult women than adult men.

Not all entries on the census manuscripts exactly record the replies of respondents. The enumerator was not bound to accept answers "which he knows, or has reason to believe, are false."(244) Part of the rationale for requiring enumerators to reside in their subdistrict, and for keeping these subdistricts small, was to ensure that they knew the population well enough to judge and amend responses. The *Washington Post* believed that the opportunity to reject "false" responses was "of special importance" with reference to "the statements of parents respecting afflicted children" and "the true relations of parties living together in unrecognizable [i.e., out of wedlock] unions."(245) Notations by enumerators on the manuscript population schedules show that they did exercise discretion in these realms.

It cannot be assumed that enumerators always ran through the entire list of questions on the population schedule. Enumerators might skip questions to avoid giving offense, speed up their work, or because they thought their observations were reliable enough. Evidence of this comes from a *New York Times* story from a reporter who accompanied a female enumerator on her rounds in a wealthy neighborhood. When a hostile respondent took the census-taker to task for failing to ask all the questions, she (with the obvious sympathy of the paper) answered, "I haven't asked you, sir, whether you can read or write, because that would be an insult. I haven't asked you whether you were a negro, because I can see that you are not one. I haven't asked whether you are lame or blind or deaf for the same reason, and I haven't asked whether you are an idiot, because that is unnecessary."(246)

Provisions for Correcting Final Returns

The returns enumerators had collected by the end of the house-to-house canvass were subject to three correction mechanisms in 1880. The first draw upon participation by the general public; the second was carried out by the district supervisor; and the third was done by the national census office staff in Washington.

An amendment to the Census Act, passed in April, 1880, required enumerators to display the names of persons enumerated, to give the public the opportunity to spot and correct omissions and errors. At a pay-rate of ten cents per one hundred names, enumerators recopied the names from their population schedules into an alphabetized ledger, together with information on each individual's age, sex, and race. These were filed in the office of the clerk of the county court or a similar official and made available for public viewing for five days. By advertisement in at least three places, enumerators announced this and stated that they would sit for two days in a public office to correct omissions and errors.(247)

Those who believed themselves unenumerated were also invited to report to the supervisor's office by mail or in person. These opportunities were well publicized by the press. For example, the *Minneapolis Tribune* urged, "Let each head of a family, each hotel keeper, each mill owner, each merchant, each foreman, ask of those persons in his family or in his employ, whether he has been enumerated....Let neighbors inquire of each other, policemen inquire of those residing on their beats, and be careful to furnish the information promptly."(248)

The logic behind the amendment to the census law was threefold: to provide a check on politically-motivated fraud, to secure an additional copy of the returns lest any were lost by fire or other accident, and to record the unintentionally uncounted.(249) While the first two goals may have been met, the second was generally not. In Oakland, only one man, who had been enumerated, came to the courthouse; in Atlanta, forty citizens responded; and in Philadelphia, the number did not exceed one hundred. The experience of enumerator Edward Self, who noted on the manuscript population schedule, "I...did give notice according to law that I would attend at the court house on July 2nd and 3rd and...no person appeared to question or to add to the said list of names," was common.(250)

From the most optimistic perspective, these figures point to a nearly complete enumeration. More realistically, as in a modern post-enumeration survey, those who were missed in the regular census were especially likely to be missed in a second pass. Due to the few inquiries, enumerators in Philadelphia sitting for corrections had time to amuse themselves by dozing and conversing, by holding a mock council with "burlesque motions, ordinances and resolutions," by debating whether to demand higher pay from Washington, and by listening to "the performances of a couple of Italian harpists."(251)

In exceptional cases of organized civic involvement, the public filing of returns for correction provided the opportunity for substantially reducing under-enumeration and adding to a community's population count. The case of St. Paul in 1880 exemplifies this situation. The news that their city's total count fell below that of its rival, Minneapolis, spurred St. Paul's civic leaders to organize a systematic campaign to capture the uncounted on the census rolls. Over the course of three days, a committee of the city's businessmen secured a list of 10,000 names of resident employees from business houses, factories, and corporations, employed a large force of clerks to check off the names that already appeared on the enumerators' lists placed on public display, and submitted the 2,500 remaining names to enumerators for verification and addition to the schedules. Of the city's final population total of 41,635 persons, 2446 were added to the rolls through this process.(252)

After sitting to amend the schedules, enumerators turned their work over to their supervisor, for a second round of corrections. In the supervisor's office, the returns underwent "a thorough revision and correction" for two to four weeks.(253) Supervisors and their clerks checked to ensure that the enumerator had covered his entire territory. As the *San Francisco Chronicle* described it, "These lists are to be carefully examined, and if it be found that any portion of the city has not been

visited by the enumerators, proper attention will be given it." (This was probably more effective in the supervisor's home city than in less familiar territory).

Also checked, counted, and recorded were errors of form in filling out the various schedules. An Arkansas supervisor testified, "Each enumerator's return was minutely examined, corrected (in which there were many errors especially in regards to farms and machinery)." (254) The Atlanta supervisor reported, disturbingly, that "a clerk counted and made notes of 2,900 errors in a single portfolio of the 199 which were examined." (255) A supervisor had authority to compel re-enumeration of neglected or mis-enumerated territory and could refuse to counter-sign the form an enumerator needed to secure payment from Washington.

The third and final setting for corrections was the Census Office in Washington. Both the 1870 census and the supervisors' subdistricting plans provided the staff with yardsticks to use in checking for gross over- or under-counting. As the *St. Louis Post Dispatch* noted, "A couple of months before the 1st of June, the Supervisor of each district sends to Washington the various sub-districts he has divided the territory allotted him into, and with it an accurate estimate of its population, so that any great difference between the estimated and actual return would at once cause attention, and the returns be sent back from Washington for another revisal." (256) The central office had also calculated, and sent to supervisors, figures on the average number of people enumerated per day in the rural and urban sections of their state in 1870. (257) These provided another potential yardstick for checking individual enumerators' returns. In the event of too great a disparity, the Superintendent could demand re-enumeration of an entire city or census district.

Re-enumeration of some enumeration districts was approved and funded for fourteen supervisors' districts. In nine of these cases, one or two enumerators were involved; in one case, six enumerators; and in one case, twelve. (258) The only large scale reenumerations in 1880 came at the instigation of outside pressure, from the disappointed city of St. Louis (which launched a massive pressure campaign via the press and citizens' committees) and from northerners and Republicans suspecting fraud by Southern Democrats. (259) Presumably Walker was reluctant to initiate recounts that would have bolstered hopes for re-enumeration among disappointed city boosters.

The one known case of fraudulent returns prosecuted for 1880 was uncovered fortuitously, when New York City's Chief Supervisor of Elections put a force of clerks to work copying the returns "as a check against fraudulent registration and voting." John Murphy, a New York City enumerator, was thereafter prosecuted for submitting a false return for a "house of ill-repute" near his home. The list of residents included such notables as James Garfield, Chester Arthur, James Conkling, James Blaine, Maude Granger, and Harriett Beecher. Murphy testified that "these were the names actually given him and he felt duty bound to take them"; the prosecutor described him as "actuated either by an idea of humor or...trying to get a full list of names to get the highest compensation." (260) While the case indicates a willingness to prosecute census fraud, it is probably unique.

How effective these various steps were in securing accurate returns is a matter of conjecture. Providing oral and written directions to enumerators and reviewing early fieldwork doubtless limited the number of cases in which questions were misunderstood and responses were entered in the wrong form. Unless they have introduced errors in the tabulations and micro-data samples, deviations from standard practice in filling out the schedules are unimportant.

The population schedule manuscripts show that a minority of enumerators adopted abbreviations to speed up their work or handle ambiguous cases, but these are easily interpreted. For example, in the columns devoted to own, mother's, and father's birthplaces, a canvasser in Meeklenburg, North Carolina wrote "All N.C." for second-generation North Carolinians. Another enumerator added "s" to the possible categories for marital status, to cover cases when "the parties are married but living apart." Such cases, he explained, occurred "almost entirely among the colored people. They had during slavery Husbands wives' who were frequently sold apart & have never since heard from each other." (261) Widespread, rather than idiosyncratic, was enumerators' tendency to mark the wrong category for questions with dichotomous responses. For example, for the variables

"can not read" and "can not write," many enumerators marked off the literate, rather than the illiterate. (A particularly obliging Missouri enumerator added another twist: "Wishing to give the exact number that could read & write in my district and finding quite a large number under 10 years of age who could read or write or both and the parents being anxious to have them reported up, I was compelled to place a negative mark for every person of whatever age in [literacy] questions No 22 & 23 I suppose it will do no harm if no good.") (262) These systematic mistakes too are easily detected and amended. At the very least, instruction and oversight from both the Census Office and supervisors must have made the level of misunderstanding among enumerators on questions and forms lower than in previous enumerations.

The multiple stages and parties (supervisors and their clerks, the public, and the Superintendent and his staff) involved in checking returns must have discouraged intentional falsification. As noted, contemporaries feared that padding or trimming the rolls would be done to engineer Congressional apportionment and influence the relative strength of regions and parties. Less emphasized in discussion but better documented as having occurred (in St. Louis in 1870 and Minneapolis in 1890) was the inflation of returns to boost an individual enumerator's pay or a city's reputation. An honest and conscientious supervisor could easily uncover significant padding. For example, in the falsification of returns for St. Louis in 1870, "the average number enumerated by honest deputies was about 4,000, but...five deputies returned 129,000, and...the names showed a stereotyped method" [i.e., presumably copying from the city directory]. (263) If the supervisor were lax or dishonest (and there is no evidence of this for 1880), padded or purged returns could have gone through. As noted, few citizens took advantage of the opportunity to view and amend names on file in county court, and the Washington office demanded re-enumeration only in response to outside pressure. Would-be falsifiers could not, however, predict this laissez-faire outcome, and the threat of being caught was thus a deterrent.

Of all types of census errors, unintentional underenumeration was least effectively addressed by administrative oversight. At best, supervision and correction precluded common resort to practices like those in the 1870 southern census, when many deputy marshals compiled their lists at public meetings instead of household visits. (264) From drawing up enumeration subdistricts, a supervisor had a rough idea of population size and was likely to notice if the count were substantially lower. The review of returns by supervisors and their assistants made neglecting an entire section of territory or entering names out of order of residential propinquity somewhat risky. But the enumerator who failed to revisit or query neighbors about temporarily empty dwellings, to secure a translator, or to hunt down those living in business quarters or "obscure rookeries" would not be caught out. Securing a relatively complete count thus depended largely on pay incentives for enumerators, public cooperation, and the vigilance of well-chosen canvassers.

Dissatisfaction with Payment of Enumerators

While enumerators clearly faced a number of "trials and troubles," (265) the only conditions of employment to spark organized protest were their delayed and unexpectedly low wages. To get paid, an enumerator filled out a standard form setting forth his or her name, the number of the subdistrict, the numbers of names alphabetized and recopied (paid at 10 cents per 100 names), the two days attending court to make corrections (reimbursed by \$5), the number of hours worked, and the number of people, farms, manufacturing establishments, deaths, and "defective, dependent, and delinquent" persons recorded. The form, signed by the enumerator and countersigned by the supervisor, was sent to Washington, where payment was calculated and a voucher forwarded. (266) Francis Walker reported on December 1, 1880, that "the work of paying the enumerators for their services has been carried on with the utmost expedition," and that the accounts of 28,410 enumerators (out of 31,265) had been settled. (267)

The checks from Washington did not arrive promptly enough to satisfy the enumerators. Discontent over delays led the Philadelphia supervisor to meet with Walker on July 23, and the Philadelphia paper to publish an article on "Why Don't They Pay the Enumerators?" Declared the

Philadelphia Public Ledger, "No one can understand why it should take a month to audit fifteen days' accounts." Noting how the enumerators "had to do their duty sweating out doors under the hot sun of June," the paper raged, "the delay in settling these accounts, and in sending on the checks, is something more than discreditable." (268) Letters to the editors of the *Washington Post* and the *Atlanta Constitution* from ex-enumerators respectively complained of the conduct of "'the Bureau of Inefficiency'" and urged their co-workers to organize in protest. (269)

The level of payment, and the system for calculating it, provoked still more ire. From the start, there was potential for a lobbying campaign to raise pay rates. When Philadelphia enumerators sat to make corrections, one argued in favor of petitioning Congress for a pay increase because "after the performance of similar work in 1870 the enumerators had been granted an advance of fifty percent." In this case, "while all agreed that this work was heavier and the pay likely to be lighter than first anticipated, there was considerable diversity of opinion expressed." (270) Discontent was nearly unanimous, however, when enumerators received their paychecks or learned the basis on which they were calculated.

As described above, and as enumerators were informed at the outset, the 1880 census act incorporated both piece and hourly pay rates and a proviso that no enumerator could earn more than \$4 per day in the east and \$6 a day in the far west. Unfortunately for the Census Office, enumerators commonly assumed that they would be paid according to whatever system provided the highest rewards. The opposite was true; Walker decided "to pay \$4 per day to the enumerators who recorded more than 200 names in that period and to remunerate the others at the rate of 2 cents per name." (271) Because this policy insured that enumerators received the smallest possible compensation, "the result is a serious loss to the enumerators, and that is why they now stand on their hind legs and howl." (272) Walker's decision was attacked as "a disgraceful business," "sharp practice," and a guarantee that "the most prompt and energetic enumerators...receive the least pay for their work." (273) Individual enumerators flooded the Census Office with letters of complaint, ordered Walker to "put some Brains into that Bureau," and speculated, "I wonder if the Superintendent of the Census would like to go around in the hot sun all day and then have four hours of this work thrown away for nothing." (274) Enumerators in New Haven lobbied the visiting President; those in San Francisco and New York City held multiple "indignation meetings" and secured support from their Congressmen; individual canvassers in Washington, Philadelphia, and Atlanta wrote letters of protest to their local papers; and census workers from across the country convinced at least 36 members of Congress to write to the Interior Department between December 8, 1880 and January 15, 1880. (275) However, none of these efforts were successful in raising the enumerators' pay.

ENDNOTES

1. The authors are currently writing a second element of the 1880 procedural history that focuses on the policies of and the problems faced by the national census office in Washington.
2. The specific newspapers reviewed constitute a convenience, rather than a random, sample of the press of the time. All the newspapers were available on microfilm, accessible through the University of Minnesota library, and devoted considerable attention to the 1880 enumeration.
3. *St. Paul Pioneer Press* (hereafter SPPP), "The Census of 1880," June 6, 1880, 11.3 (page eleven, column 3); *Washington Post* (hereafter WP), "Carolina's Census," October 10, 1880, 1.3.
4. Interview with Superintendent of Census by Joint Committee on Provisions for Tenth Census, Senate Misc. Doc. 26, 45th Congress, 3d session, December 17, 1878; Report of Superintendent of Census, House Executive Document 1, 45th Congress, 3d session, January 17, 1878.
5. Department of the Interior, "Instruction to Supervisors," April 15, 1879, National Archives, RG 128, Joint Committee of the Census, 46th Congress; memo from Francis Walker to Carl Schurz, July 25, 1879, National Archives, RG 48, Records of the Department of the Interior, Central Office, Appointment Papers, 1849-1907; memo from Francis Walker to Carl Schurz, October 28, 1879, National Archives, RG 128, Joint Committee of the Census, 46th Congress; memo from Carl Schurz to Francis Walker, November 3, 1879, National Archives, RG 128, Joint Committee of the Census, 46th Congress; Annual Report of Superintendent of Census, House Executive Document 1, 46th Congress, 2d session, November 15, 1879; *New York Times* (hereafter NYT), "Supervisors' Districts," November 17, 1879, 2.2.
6. U.S. Bureau of the Census, *Historical Statistics of the United States, Colonial Times to 1970, Bicentennial Edition, Part 1*. Washington, D.C.: Government Printing Office, 1975, pp. 24-37; Letter from the Secretary of the Interior, Transmitting, in Compliance with Senate resolution of the 20th instant, respecting the execution of the law for taking the Tenth and subsequent Censuses, a communication from the Superintendent, with accompanying schedules, Senate Executive Document No. 28, 46th Congress, 3d session, January 29, 1881, pp. 9-11. For criticism of the unequal administrative burden, see Additional Compensation for Supervisors of Census, House Report No. 1204, 47th Congress, 1st session, May 3, 1882.
7. Annual Report of Superintendent of Census, House Executive Document 1, 46th Congress, 2d session, November 15, 1879.
8. Annual Report of Superintendent of Census, House Executive Document 1, 46th Congress, 2d session, November 15, 1879.
9. Interview with Superintendent of Census by Joint Committee on Provisions for Taking Tenth Census, Senate Misc. Document 26, 45th Congress, 3d session, December 17, 1878.
10. Annual Report of Superintendent of Census, House Executive Document 1, 45th Congress, 3d session, January 17, 1878.
11. Interview with Superintendent of Census by Joint Committee on Provisions for Taking Tenth Census, Senate Misc. Doc. 26, 45th Congress, 3d session, December 17, 1878.

12. Letter of Charles Seaton, dated March 22, 1882, in Additional Compensation for Supervisors of Census, House Report No. 1204, 47th Congress, 1st session, May 3, 1882.
13. Memorials to Congress, Virginia and Indiana supervisors, National Archives, RG 233, House, 47th Congress, HR47-H24.1.
14. Memorials to Congress from North Carolina, Ohio, and Illinois supervisors, National Archives, RG 46, Senate 47A-H30; memorials to Congress from Indiana and New Jersey supervisors, National Archives, RG 233, House, 47th Congress, HR47-H24.1; Additional Compensation for Supervisors of Census, House Report No. 1204, 47th Congress, 1st session, May 3, 1882.
15. Memorial to Congress, Virginia supervisors, National Archives, RG 233, House, 47th Congress, HR47-H24.1; Congressional Record, February 6, 1879, p. 1049.
16. At least thirty memorials requesting that compensation be raised to \$1500 were sent by supervisors to Congress. Most of these were signed by supervisors drawn from several districts within the same states (e.g., 8 from in Illinois, 6 in Indiana), so that at least a majority of the census supervisors participated in this petition drive. The matter was referred to the Select Committee on the Census, 47th Congress, 1st session. Members of the Committee voted three to two in favor of paying an additional \$500, and this provision was passed by Congress. See Select Committee on the Census, 47th Congress, 1st session, minutes, and Additional Compensation for Supervisors of Census, House Report No. 1204, 47th Congress, 1st session, May 3, 1882.
17. Report of Superintendent of the Census, House Executive Document 1, 45th Congress, 3d session, January 17, 1878.
18. Interview with Superintendent of Census by Joint Committee on Provisions for Taking Tenth Census, Senate Misc. Doc. 26, 45th Congress, 3d session, December 17, 1878.
19. Report of Superintendent of Census, House Executive Doc. 1, 45th Congress, 3d session, January 17, 1878.
20. Interview with Superintendent of Census by Joint Committee on Provisions for Taking Tenth Census, Senate Misc. Doc. 26, 45th Congress, 3d session, December 17, 1878. See also Report of Superintendent of Census, House Exec. Doc. 1, 45th Congress, 3d session, January 17, 1878; Annual Report of Superintendent of Census, House Ex. Doc. 1, 46th Congress, 2d session, November 15, 1879; WP, "Pricking a Political Bubble," September 10, 1880, 1.2.
21. Memorial to Congress, Ohio supervisors, National Archives, RG 46, Senate 47A-H30.
22. Annual Report of Superintendent of Census, House Ex. Doc. 1, 46th Congress, 2d session, November 15, 1879.
23. See, for example, Congressional Record, volume 11 (1879), pp. 1535-56.
24. Specifically, supervisors were required to select enumerators "solely with reference to their fitness, and without reference to their political or party affiliations." An act to provide for taking the tenth and subsequent censuses, March 3, 1879, U.S. Statutes at Large, 1877-79, p. 474.
25. Letter from Senator Z.G. Vance to Francis Walker, July 2, 1879, National Archives, RG 48, Department of the Interior, Item 15, Field Appointment Papers, North Carolina, Microfilm M950,

roll 1, papers relating to Joseph H. Caldwell, Supervisor, second district, North Carolina; *Sacramento Daily Record* (hereafter SDR), "Census Matters," January 9, 1880, 2.4; *Philadelphia Public Ledger* (hereafter PPL), "If we are to have," April 1, 1880, 2.1.

26. *Atlanta Constitution* (hereafter AC), "Huffy Statesmen," January 23, 1880, 4.2.

27. Letter and petition from Congressman A.M. Seales to Francis Walker, December 5, 1879, National Archives, RG 48, Department of the Interior, Item 15, Field Appointment Papers, for North Carolina, microfilm 950, roll 1, papers relating to Joseph H. Caldwell. See, also, from RG 48, Department of the Interior, Item 15, Field Appointment Papers: for North Carolina, Microfilm M950, roll 1, papers for Samuel L. Patterson, Henry D. Robertson, and J.D. Stanford; for Florida, Microfilm M1119, roll 6, for Hon. A.A. Knight and Harrison Reed; for New York, Microfilm M1022, roll 1, for Charles D. Adams, Stephen Condit, John A. DeRemer, and Charles E. Fitch. See also letter from Rep. Paul Strobach to President Hayes, January 30, 1880, National Archives, RG 28, Records of the Dept. of the Interior, Appt. Division, Central Office Appointment Papers, 1849-1907, Box No. 92. This last source mentions supporting signatures of support from judges, a district attorney, and men of "wealth and influence" and characterizes one signer as being of no value, "he having no influence in nor outside the Republican Party."

28. PPL, "In Choosing Supervisors," January 21, 1880, 2.1; AC, "The Next Census," January 29, 1880, 2.4.

29. NYT, "Angry Democratic Senators," January 23, 1880, 1.2.

30. WP, "The Census Bill, as it passed Congress," January 17, 1880, 2.1; WP, "Refreshed by three days of grateful repose," January 19, 1880, 2.1; WP, "The fraudulent President sent yesterday," January 20, 1880, 2.1; WP, "They Will Discuss It," January 21, 1880, 1.6; WP, "The nomination of two Democrats for Census Supervisors," January 22, 1880, 2.1; AC, "Huffy Statesmen," January 23, 1880, 4.2; AC, "The Census Supervisors," February 3, 1880, 1.3; AC, "The Federal City," February 5, 1880, 1.7; WP, "One of the most insolent and ill-timed," February 5, 1880, 2.1-2; WP, "Congress and Its Work," February 12, 1880, 1.1; WP, "It isn't pleasant," February 17, 1880, 2.1; AC, "The president sent the following nominations," February 18, 1880, 1.3.

31. NYT, "The Decline of the Senate," February 13, 1880, 4.3. For a similar critical perspective, see AC, "Is He a Fit Man," January 24, 1880, 2.5.

32. WP, "When a good start has been made," February 12, 1880, 2.1; WP, "Congress and Its Work," February 12, 1880, 1.1; WP, "The Ohio Census Supervisors," March 23, 1880, 2.1.

33. AC, "The Next Census," January 29, 1880, 2.4.

34. See, for example, WP, "One of the most insolent and ill-timed," February 5, 1880, 1.7; SDR, "The Ohio Census Supervisors," February 13, 1880, 2.5; SDR, "Telegraphic: It was said at the Capital," February 13, 1880, 2.4; SP, "Hayes, the Senate, and the Supervisors," February 13, 1880, 1.2; WP, "Mr. Hayes will find it impossible," March 3, 1880, 2.1; WP, "Slowly but surely the cerebral arrangement," March 5, 1880, 2.1; WP, "The Ohio Census Supervisors," March 23, 1880, 1.7; WP, "At the present rate of progress," April 13, 1880, 2.1; WP, "It is high time for Mr. Hayes," May 5, 1880, 2.1; WP, "There is an eminent need to fill the census," May 12, 1880, 2.3; WP, "The Last of the Census Appointees," May 12, 1880, 2.4.

35. WP, "The detested names of a number," January 21, 1880, 2.1; WP, "There can be no question

in any quarter," January 24, 1880, 1.1-2; WP, "The fraudulent President sent yesterday," January 20, 1880, 2.1.

36. A Republican, Rev. T.J. Simmons, was initially nominated as superintendent for the first district of Georgia. His nomination provoked a storm of protest in his home state and in Congress when Democrats opposed to his nomination leaked a letter allegedly written by Simmons to President Hayes, stating the following: "I would be glad to receive the appointment as one of the supervisors of Georgia my main object aside from the faithful performance of the duties in asking for the appointment is that owing to my strong union principles and my giving or furnishing tickets to some colored voters (Hayes and Wheeler tickets) on the day of the president's election for that act and many others of similar nature I have had heaped upon me abusive words and curses charging me with doing more for radical aid than any one else in this country. I would gain considerable victory of no little worth over these corrupt session traitors" (spelling as in original), AC, "There is considerable feeling here," January 20, 1880, 1. Simmons denied authorship of the letter. His nomination was rejected.

37. WP, "They Will Discuss It," January 21, 1880, 1.6; AC, "The Census Supervisors," January 24, 1880, 1.5; WP, "The Senate Census Committee," January 29, 1880, 2.1; AC, "The Census Supervisors," January 31, 1880, 4.4; NYT, "Devoted to Eulogies," January 29, 1880, 1.3.

38. National Archives, RG 48, Dept. of the Interior, Item 15, Field Office Appointment Papers, microfilm M950, roll 1 (for Joseph H. Caldwell and Samuel L. Patterson), microfilm M1119, roll 6 (for A.A. Knight and Harrison Reed), and microfilm M1022, roll 1 (for Stephen Condit and Charles E. Fitch).

39. NYT, "The Decline of the Senate," February 13, 1880, 4.3.

40. Additional Compensation for Supervisors of Census, House Report 1204, 47th Congress, 1st session, May 2, 1882; Annual Report of Superintendent of Census, House Ex. Doc. 1960, 46th Congress, 3d session, December 1, 1880.

41. Additional Compensation for Supervisors of Census, House Rep. 1204, 47th Congress, 1st session, May 3, 1882.

42. Annual Report of Superintendent of Census, House Ex. Doc. 1960, 46th Congress, 3d session, December 1, 1880.

In one case, involving California supervisor Charles W. Dana, the incumbent resigned "on account of dissatisfaction in the mode of compensation to Enumerators." SDR, "A Census Supervisor Resigns," May 25, 1880, 2.6. In the case of W.J.P. White, supervisor of the first district of Pennsylvania, "the change was rendered necessary by the highly injudicious action of the gentleman...[who left the work] in the worst possible state of confusion." Incompetence, rather than fraud was at issue, "no wrong intention, or lack of zeal, being attributed." Letter from Francis Walker to Secretary of the Interior Alonzo Bell, October 20, 1880, National Archives, RG 48, Box No. 2, Entry 284. No information was available on the third supervisor removed from office.

The struggle between the Senate and the President over the relative power of each in appointing federal officers observed in the confirmation of supervisors was also played out, albeit in more modest form, over the issue of removal of supervisors. Section 23 of the census act of March 3, 1879, gave to the Superintendent and the President the power to remove and replace incompetent or dishonest supervisors. The Senate chose to interpret this clause as a violation of the Tenure of Office Act, by which senatorial appointments were to hold office unless removed by and with the advice and consent of the Senate, unless the Senate was not in session. The Senate limited its actions in this case, however, to upholding its prerogatives in principle, expressing "no desire to reflect on the

motives of the public officers who have erroneously exercised these powers." Message of the President on Removals of Supervisors of Census and Appointments to Fill Vacancies, Senate Report No. 723, 46th Congress, 2d session, June 15, 1880. See also Communication from Joseph C.G. Kennedy in Relation to Law for Taking the Tenth Census, Senate Misc. Doc. 45, 46th Congress, 1st session, June 21, 1879; Execution of the Law for Taking Tenth and Subsequent Census, Senate Ex. Doc. 28, 46th Congress, 3d session, January 29, 1881.

43. AC, "The Georgia Census Takers," January 15, 1880, 4.3; AC, "Dr. H.P. Gatchell," April 4, 1880, 1.2; AC, "Passing Topics," March 1, 1881, 1.1-2; SPPP, "The Census of Minneapolis and St. Paul," July 15, 1880, 4.3-4; *St. Louis Post Dispatch* (hereafter SLPD), "Taking the Census," June 14, 1880, 8.1; PPL, "The Appointment of Mr. Edward Steel as Census Supervisor," May 27, 1880, 3.9; Execution of the Law for Taking the Tenth and Subsequent Censuses, Senate Ex. Doc. 29, 46th Congress, 3d session, January 29, 1881; National Archives, RG 48, Dept. of the Interior, Item 15, Field Appointment Papers: for North Carolina, Microfilm M950, roll 1 (for Joseph H. Caldwell, Samuel Patterson, and Henry D. Robertson); for Florida, Microfilm M1119, roll 6 (for A.A. Knight and Harrison Reed); for New York, Microfilm M1022, roll 1 (for Charles D. Adams, Stephen Condit, John A. DeRemer, and Charles E. Fitch).

44. PPL, "The Appointment of Mr. Edward Steel as Census Supervisor," May 27, 1880, 3.9

45. National Archives, RG 48, Dept. of the Interior, Item 15, Field Appointment Papers, Microfilm M1022, roll 1.

46. Nominations were to be made after the meeting of Congress in December, 1879 and were initially intended "to be filled by the first of January." NYT, "Supervisors' Districts," November 17, 1879, 2.2. That Walker was completing the selection of nominees for the position of supervisor in mid-January, 1880, was reported in NYT, "Preparations for This Year's Census," January 12, 1880, 1.3. For discussions of the appointment process in May, 1880, see, for example, WP, "It is high time for Mr. Hayes," May 5, 1880, 2.1; WP, "There is an eminent need to fill the census," May 12, 1880, 2.3; WP, "The Last of the Census Appointees," May 12, 1880, 2.4; AC, "Mr. Hayes seems to be in no hurry," May 15, 1880, 2.3.

47. AC, "Of the one hundred and fifty supervisors," April 7, 1880, 2.1.

48. SPPP, "The Census," June 7, 1880, 6.5; memorial to Congress, New Jersey supervisors, National Archives, RG 233, House, 47th Congress, HR47-H24.1; letter from Francis Walker to Alonzo Bell, October 20, 1880, National Archives, RG 48, Dept. of the Interior, Box No. 2, Entry 284; PPL, "How the Census Was Done," July 1, 1880, 2.2; PPL, "The Census Enumerators," May 29, 1880, 1.7.

49. PPL, "Philadelphia was last," June 18, 1880, 2.2.

50. AC, "The Louisville Census," July 17, 1880, 1.1.

51. AC, "Dr. H.P. Gatchell," April 4, 1880, 1.2; AC, "Taking the Census," April 8, 1880, 1.8; AC, "More Enumerators Needed," April 18, 1880, 1.6; AC, "The Census Again," May 12, 1880, 4.7.

52. Memorial to Congress, North Carolina supervisors, National Archives, RG 46, Senate 47A-H30.

53. AC, "Dr. H.P. Gatchell," April 4, 1880, 1.2; AC, "Taking the Census," April 8, 1880, 1.8; AC, "More Enumerators Needed," April 18, 1880, 1.6.

54. PPL, "Census Affairs," May 29, 1880, 1.7; PPL, "How the Census Was Done," July 1, 1880, 2.2; PPL, "If the census enumerators appointed," May 31, 1880, 2.1; NYT, "The Census in New York," May 22, 1880, 2.3.

55. Francis Walker, Letter of Instruction to Supervisors, Feb. 1, 1880, National Archives, RG 128, Joint Committee on the Census, 46th Congress.

56. Memorial Relating to the Tenth Census, Mary F. Eastman, et al. Senate Misc. Doc. 84, 45th Congress, 2d session, June 15, 1878.

57. PPL, "Women and the Census," May 15, 1880, supplement, 1.3; AC, "The Census," May 23, 1880, 4.2; *Baltimore Sun* (hereafter BS), "Women Census Enumerators," May 26, 1880, 4.4; WP, "Two Cents a Head," May 30, 1880, 1.7-8; NYT, "Enumerators' Experiences in NYC," June 5, 1880, 10.1; SPP, "The Census of St. Paul and Minneapolis," July 15, 1880, 4.3-4; *San Francisco Chronicle* (hereafter SFC), "The Tenth Census," May 29, 1880, 3.4.

58. Francis Walker, Letter of Instruction to Supervisors of Census, Feb. 1, 1880, National Archives, RG 128, Joint Committee on the Census, 46th Congress.

59. Ibid.

60. AC, "Taking the Census," April 8, 1880, 1.8; AC, "The Census," May 23, 1880, 4.2; AC, "Atlanta Census," July 18, 1880, 4.2.

61. PPL, "The Census of 1880," May 5, 1880, 1.6; PPL, "Census Enumerators," May 15, 1880, 1.8.

The *Philadelphia Public Ledger* insinuated that partisan considerations had overruled "mere suitability and fitness" in the selection of enumerators in that city." PPL, "Reports of census enumerators," May 17, 1880, 2.1. Enumerators in one city ward responded with "resolutions...protesting against misrepresentations as to their capacity and integrity, recently made, they allege, by a faction of the Republican party in that ward," a demand for an investigation of the allegations, and a memorial to Superintendent Walker. PPL, "Fifteenth Ward Census Enumerators," May 19, 1880, 1.7.

62. BS, "Maryland Census Appointments," May 27, 1880, 4.2.

63. Francis Walker, "Letter of Instructions to Supervisors of Census," February 1, 1880, National Archives, RG 128, Joint Committee of the Census, 46th Congress.

64. Memorials to Congress, North Carolina, Arkansas, and Ohio supervisors, National Archives, RG 46, Senate 47A-H30; AC, "The Census," May 23, 1880, 4.2; SFC, "The Tenth Census," May 29, 1880, 3.4; NYT, "The Census in New York," May 22, 1880, 2.3.

65. Enumerator Charles Bliss complained to the Secretary of the Interior, in a letter dated August 10, 1880, of the reduction in his pay that followed when a different canvasser enumerated the residents of the local insane asylum. Wrote Bliss, "there had been quite a contest for the 8th district, because it contained the Insane Asylum...the Asylum was the thing that made the district a desirable one." National Archives, RG 48, Dept. of the Interior, Misc. Letters Received, Box No. 1, entry 156.

66. Memorial to Congress, Virginia supervisors, RG 233, House, 47th Congress, HR47-H24.1; AC, "Our New Census," April 10, 1880, 4.3.

67. AC, "Taking the Census," April 8, 1880, 1.8; AC, "The Census Again," May 12, 1880, 4.7; AC, "The Census," May 23, 1880, 4.2; SLPD, "The Census," November 8, 1880, 8.2.

Though persons enumerating a specific district were generally supposed to reside in that district, if no person in the enumeration district was qualified and willing to perform the duties, the supervisor was allowed to appoint any person residing in the county. BS, "Preparatory Census Work," May 3, 1880, 1.4.

68. Francis Walker, "Notes Upon the Office of Enumerator under Census Law," National Archives, RG 128, Joint Committee on the Census, 46th Congress; Francis Walker, "Letter of Instructions to Supervisors of Census," February 1, 1880, National Archives, RG 128, Joint Committee on the Census, 46th Congress; NYT, "Preparing for the Census," September 14, 1879, 1.5.

69. Annual Report of Superintendent of Census, House Executive Document 1, 46th Congress, 2d session, November 15, 1879.

70. WP, "Pricking a Political Bubble," September 10, 1880, 1,2; WP, "A Talk about the Census," January 19, 1881, 2.4.

71. PPL, "Reports of census enumerators," May 17, 1880, 2.1; BS, "Census Enumerators," May 31, 1880, 1.8.

72. The wording of the official oath for supervisors was as follows: "I, [NAME], Supervisor of Census, do solemnly swear that I will support the Constitution of the United States, and perform and discharge the duties of the office of the Supervisor of census according to law, honestly and correctly, to the best of my ability, so help me God." See, for example, oath of Charles Johnson, February 20, 1880, National Archives, RG 48, Records of the Department of the Interior, Appointment Division, Central Office, Appointment Papers, 1849-1907.

The fifth section of the Census Act of March 3, 1879, made it the duty of the supervisor of the census "to designate to the Superintendent of Census suitable persons, and, with the consent of said Superintendent, to employ such persons as enumerators within his district, one for each subdivision, and resident therein, who shall be selected solely with reference to their fitness, and without reference to their political and party affiliations." Any dereliction of duty was, hypothetically at least, a misdemeanor punishable by two years imprisonment. SLPD, "Taking the Census," June 14, 1880, 8.1; An act to provide for taking the tenth and subsequent censuses, March 3, 1879, U.S. Statutes at Large, 1877-1879, p. 473.

73. Francis Walker, "Letter of Instruction to Supervisors of Census," February 1, 1880, National Archives, RG 128, Joint Committee on the Census, 46th Congress.

74. See, for example, the extensive and outraged reporting on the census in the *St. Louis Post Dispatch*, June 18, 1880 to October 30, 1880.

75. New Orleans Time-Picayune (hereafter NOTP), "The Census Returns," June 18, 1880, 2.3; NOTP, "Census Items," June 20, 1880, 11.1.

76. BS, "The Census of 1880," June 1, 1880, 4.4; SPPP, "The Census," June 1, 1880, 6.1; AC, "The Census," May 25, 1880, 4.2; PPL, "If the census enumerators appointed," May 31, 1880, 2.1.

77. SLPD, "Taking the Census," June 3, 1880, 2.5; SLPD, "It is admitted," June 19, 1880, 4.

78. SPPP, "The Census of St. Paul and Minneapolis," July 15, 1880, 4.3-4.

79. AC, "General Walker, Superintendent," September 10, 1880, 2.1; WP, "Pricking a Political Bubble," September 10, 1880, 1.2.
80. WP, "South Carolina's Census," September 1, 1880, 4.1.
81. Ibid.; AC, "The Census Reports," September 24, 1880, 1.6-7.
82. NYT, "Enumerators' Experiences in NY City," June 5, 1880, 10.1.
83. SLPD, "In the lowest districts of the city," June 14, 1880, 8.1.
84. Comment on manuscript census schedule by enumerator J.M. Whaley, of Columbia County, Arizona, reel 41, p. 206, June 22, 1880; comment on manuscript census schedule by enumerator John F. Woods, Clark County, Illinois, reel 181, p. 34.2, June 12, 1880.
85. NYT, "Preparing for the Census," September 14, 1879, 1.5; An act to provide for taking the tenth and subsequent censuses, March 3, 1879, U.S. Statutes at Large, 1877-1879, p. 476.
86. Francis Walker, "Letter of Instruction to Supervisors of Census," February 1, 1880, National Archives, RG 128, Joint Committee on the Census, 46th Congress; memorial to Congress, Ohio supervisors, National Archives, RG 46, Senate 47A-H30; WP, "A Talk about the Census," January 19, 1881, 2.4.
87. Francis Walker, "Letter of Instruction to Supervisors of Census < " February 1, 1880, National Archives, RG 128, Joint Committee on the Census, 46th Congress.
88. WP, "Many of the census supervisors," April 8, 1880, 2.3; AC, "More Enumerators Needed," April 8, 1880, 1.6.
89. AC, "General Walker, Superintendent," September 10, 1880, 2.1.
90. Report of the Superintendent of Census, House Ex. Doc. 1, 45th Congress, 3d session, January 17, 1878; Annual Report of Superintendent of Census, House Ex. Doc. 1, 46th Congress, 2d session; NYT, "Preparing for the Census," September 14, 1879.
91. Francis Walker, "Letter of Instruction to Supervisors of Census," February 1, 1880 and Francis Walker, "Notes Upon the Office of Enumerator," National Archives, RG 128, Joint Committee on the Census, 46th Congress.
92. AC, "Taking the Census," April 8, 1880, 1.8; memorials to Congress, North Carolina, New Jersey, and Illinois supervisors, National Archives, RG 46, Senate 47A-H30 and RG 233, House, 47th Congress, HR HR47-H24.1.
93. Memorial to Congress, Virginia supervisors, National Archives, RG 233, House, 47th Congress, HR47-H24.1.
94. Memorial to Congress, Ohio supervisors, National Archives, RG 46, Senate 47A-H30.
95. Memorial to Congress, Illinois supervisors, National Archives, RG 46, Senate, 47A-H30.
96. Ibid.

97. Comment on manuscript census schedule by George D. Collins, Cobb County, Oregon, Reel 141, p. 40.1, June 19, 1880.
98. Memorial to Congress, Illinois supervisors, National Archives, RG 46, Senate, 47A-H30; PPL, "The Census Enumerators Appointed by Mr. Steel," May 31, 1880, 1.7-8.
99. AC, "The Pending Census," June 3, 1880, 4.4; AC, "The Census of Atlanta," June 13, 1880, 1.7.
100. SPPP, "The Census of St. Paul and Minneapolis," July 15, 1880, 4.3-4.
101. Memorial to Congress, Illinois supervisors, National Archives, RG 46, Senate, 47A-H30.
102. *Minneapolis Tribune* (hereafter MT), "The Census," May 7, 1880, 4.4; SFC, "Taking the Census," May 17, 1880, 3.4; MT, "The Men to Count," May 24, 1880, 7; SPPP, "Counting the People," May 24, 1.5.
103. PPL, "The Census Enumerators Appointed by Mr. Steel," May 31, 1880, 1.7-8; NOTP, "The Census Enumerators," August 14, 1880, 2.2; MT, "The Men to Count," May 24, 1880, 7; BS, "Taking the Census," May 28, 1880, 2.1; PPL, "The Pay of Enumerators," August 6, 1880, 3.8; PPL, "The census enumerators appointed," May 31, 1880, 1.7-8; PPL, "The Pay of Enumerators," May 31, 1880, 1.7-8; NYT, "The Census in New York," May 22, 1880, 2.3; memorial to Congress, New Jersey supervisors, RG 233, House, 47th Congress, HR47-H24.1.
104. WP, "Pricking a Political Bubble," September 10, 1880, 1.2; WP, "A Talk About the Census," January 19, 1881, 2.4.
105. Memorial to Congress, North Carolina supervisors, RG 46, Senate 47A-H30.
106. PPL, "The Census Enumerators Appointed by Mr. Steel," May 31, 1880, 1.7-8.
107. SLPD, "Taking the Census," June 14, 1880, 8.1; SPPP, "Rascally Enumerators," August 27, 1880, 1.5; SLPD, "Taking the Census," June 3, 1880, 2.5; AC, "The Census of Atlanta," June 11, 1880, 4.3; WP, "Two Cents a Head," May 30, 1880, 1.7-8; NYT, "The Census in New York," May 22, 1880, 2.3; *Sacramento Daily Record* (hereafter SDR), "The Census," May 26, 1880, 3.4.
- Apparently not all enumerators satisfied this condition of their employment. Enumerator C.A.S. Taylor of Owensboro County, Kentucky, noted on the manuscript population schedule, "Note I did not forward my daily report as required by instruction--which is the only thing, for which I ask your indulgence." June 26, 1880, reel 411, p. 257.2.
108. AC, "The Census," May 26, 1880, 4.3; AC, "The Census," May 23, 1880, 4.2; AC, "Questions of the Census Takers," May 28, 1880, 4.2.
109. SLPD, "The Census," November 6, 1880, 8.2-3; SLPD, "Aid the Census Takers," November 8, 1880, 4.2.
110. SDR, "The Census," May 26, 1880, 3.4; PPL, "Swearing in the Census Enumerators," June 1, 1880, 1.6.
111. BS, "Progress of the Census Taking," June 3, 1880, 1.8.

112. AC, "The Pending Census," June 3, 1880, 4.4.
113. NYT, "Enumerators' Experiences in New York City," June 5, 1880, 10.1.
114. PPL, "The following circular has been mailed," June 3, 1880, 3.9; PPL, "Last evening the Census enumerators met," June 4, 1880, 1.2; PPL, "Census Enumerators Returns," June 4, 1880, 1.5; PPL, "How the Census Was Done," July 1, 1880, 2.2.
115. NYT, "Enumerators' Experiences in New York City," June 5, 1880, 10.1; BS, "Progress of the Census Taking," June 3, 1880, 1.8; AC, "The Pending Census," June 3, 1880, 4.4; PPL, "Census Enumerators Returns," June 4, 1880, 1.5.
116. PPL, "Census Superintendent Steel states," June 3, 1880, 1.3; PPL, "The Census Enumerators," June 3, 1880, 3.9.
117. Addendum to memorial to Congress, Arkansas supervisors, National Archives, RG 46, Senate, 47A-H30.
118. National Archives, letter from enumerator Charles Bliss to the Secretary of the Interior, August 10, 1880, National Archives, RG 48, Dept. of the Interior, Misc. Letters Received, Entry 156, Box No. 1.
119. National Archives, RG 48, Records of the Department of the Interior, including letter from Francis Walker to Croydon F. Craig, January 11, 1880; letter from Craig to Walker, July 19, 1880; letter from Walker to Craig, July 24, 1880; letter from Craig to Walker, August 11, 1880; letter from Walker to Craig, August 25, 1880; letter from Craig to Walker, August 28, 1880; letter from Craig to President Rutherford B. Hayes, September, 13, 1880; letter from the private secretary of the President to Craig, September 18, 1880; letter from Carl Schurz to Craig, September 22, 1880; letter from Walker to Craig, December 10, 1880; letter from Craig to Walker, December 14, 1880; letter from Craig to Walker, December 15, 1880; letter from Walker to Schurz, January 11, 1881; letter from Schurz to Walker, January 15, 1881; letter from Schurz to Hayes, January 18, 1881.
120. NYT, "NY Enumerators' Complaints of Pay," June 25, 1880, 3.4.
121. BS, "Taking the Census," May 21, 1880, 2.1; Report of Superintendent of Census, House Ex. Doc. 1, 45th Congress, 3d session, January 17, 1878; Report of Superintendent of Census, House Ex. Doc. 1, 46th Congress, 2d session, November 15, 1879; NYT, "Preparing for the Census," September 14, 1879.
122. SPPP, "The Census," June 1, 1880, 6.1.
123. AC, "A Talk About the Census," January 19, 1881, 2.1.
124. NYT, "Enumerators' Experiences in NYC," June 5, 1880, 10.1; NOTP, "Taking the Census," June 15, 1880 (morning), 2.2; SPPP, "The Census," June 7, 1880, 6.5.
125. Francis Walker, "Letter of Instruction to Supervisors," February 1, 1880, National Archives, RG 128, Joint Committee on the Census, 46th Congress.
126. PPL, "The Pay of Enumerators," August 6, 1880, 3.8.

127. NOTP, "Taking the Census," June 15, 1880 (morning), 2.2.
128. Comment on manuscript population schedule by enumerator Henry C. Foster, Borden County, Texas, June 23, 1880, Reel 1291, page 357.2. See also SDR, "Pacific Coast Items: The Census Enumerators," July 5, 1880, 4.2.
129. NYT, "Enumerators' Experiences in NYT," June 5, 1880, 10.1. See also AC, "The Pending Census," June 3, 1880, 4.4.
130. AC, "Atlanta's Census," June 27, 1880, 4.3; PPL, "Progress of the Census," June 16, 1880, 1.7; NOTP, "Census Returns," June 18, 1880, 2.3; SFC, "The Census," June 18, 1880, 1.2; WP, "An Ex-Enumerator's Complaint," August 6, 1880, 2.5.
131. AC, "A Talk About the Census," January 19, 1881, 2.1.
132. NYT, "Superintendent's Annual Report," December 1, 1880, 2.1; WP, "Census of Country Completed," January 16, 1881, 1.7; Annual Report of Superintendent of Census, House Ex. Doc. 1960, 46th Congress, 3d session, December 1, 1880; Letter from Francis Walker to the Secretary of the Interior, January 17, 1880, National Archives, RG 48, Dept. of the Interior, Miscell. Letters Received, Entry 156, Box No. 1, letter no. 82.
133. Interview with Superintendent of Census by Joint Committee for Taking Tenth Census, Senate Misc. Doc. 26, 45th Congress, 3d session, December 17, 1878.
134. Ibid.; Annual Report of Superintendent of Census, House Ex. Doc. 1, 45th Congress, 3d session, January 18, 1878.
135. Annual Report of Superintendent of Census, House Ex. Doc. 1, 46th Congress, 2d session, November 15, 1879.
136. Annual Report of Superintendent of Census, House Ex. Doc. 1, 45th Congress, 3d session, January 18, 1878.
137. Interview with Superintendent of Census by Joint Committee for Taking Tenth Census, Senate Misc. Doc. 26, 45th Congress, 3d session, December 17, 1878. For a contemporary alternative view, see Communication from Joseph C.G. Kennedy in Relation to Law for Taking the Tenth Census, Senate Misc. Doc. 45, 46th Congress, 1st session, June 21, 1879.
138. Interview with Superintendent of Census by Joint Committee for Taking Tenth Census, Senate Misc. Doc. 26, 45th Congress, 3d session, December 17, 1878.
139. Ibid.
140. MT, "The Census," May 7, 1880, 4.4; SFC, "Taking the Census," May 17, 1880, 3.4; AC, "The New Census," May 22, 1880, 2.1-2.
141. AC, "Something About the Census," May 8, 1880, 1.8; AC, "The New Census," May 22, 1880, 2.1-2; SPPP, "Look Out for the Census End," June 11, 1880, 4.3.
142. SDR, "The Census," May 26, 1880, 3.4.
143. MT, "The Census," May 7, 1880, 4.4.

144. AC, "The New Census," May 22, 1880, 2.1-2.

145. Annual Report of Superintendent of Census, House Ex. Doc. 1960, 46th Congress, 3d session, December 1, 1880; NYT, "Superintendent's Annual Report," December 1, 1880, 2.1.

146. Interview with Superintendent of Census by Joint Committee on Provisions for Taking Tenth Census, Senate Misc. Doc. 26, 45th Congress, 3d session, December 17, 1878.

147. Francis Walker, "Notes Upon the Office of Enumerator," National Archives, RG 128, Joint Committee on the Census, 46th Congress; AC, "Our New Census," April 10, 1880, 4.3; MT, "The Census," May 7, 1880, 4.4; AC, "Taking the Census," May 13, 1880, 4.5; WP, "Two Cents a Head," May 30, 1880, 1.7-8; NOTP, "The Census Man," June 2, 1880, 4.1; NYT, "NY Enumerators' Complaints of Pay," June 25, 1880, 3.4; PPL, "Pay of Census Enumerators," June 26, 1880, 3.8; PPL, "The Pay of Enumerators," August 6, 1880, 3.8; NOTP, "The Census Enumerators," August 14, 1880, 2.2; NYT, "Census Takers Indignant," August 29, 1880, 12.3.

148. For example, identities and subdistricts of local enumerators appeared in the following: PPL, "Census Enumerators," May 15, 1880, 1.8; AC, "The Census," May 23, 1880, 4.2; MT, "The Men to Count," May 24, 1880, 7; SPPP, "Counting the People," May 24, 1880, 2.5; AC, "The Census," May 25, 1880, 4.2; BS, "Census Enumerators of the Third Supervisor's District of Maryland," May 25, 1880, 1.4; SPPP, "First Census District," May 26, 1880, 5.1-2; BS, "Maryland Census Appointments," May 27, 1880, 4.2; PPL, "The Census Enumerators Appointed by Mr. Steel," May 31, 1880, 1.7-8; BS, "Census Enumerators," May 31, 1880, 1.8; PPL, "Taking the Census of Camdem," June 2, 1880, 1.6; NOTP, "Census Enumerators," June 3, 1880, 2.5; NOTP, "Census takers Appointments for Country Parishes," June 6, 1880, 11.1; PPL, "Census Taker appointed," June 10, 1880, 4.5; SLPD, "The Enumerators," June 18, 1880, 8.3-4; SLPD, "The Census," November 6, 1880, 8.2-3.

149. BS, "Taking the Census," May 28, 1880, 2.1; SPPP, "Look Out for the Census Man," June 11, 1880, 4.3.

150. BS, "Taking the Census," May 21, 1880, 3.1.

151. BS, "Taking the Census," May 21, 1880, 3.1. See also, PPL, "Prepare for the Census," May 14, 1880, 2.1; AC, "The New Census," May 22, 1880, 2.1-2; AC, "We present this morning," May 23, 1880, 2.1; WP, "The Census," May 23, 1880, 2.2; AC, "It is hoped that every convenience," May 25, 1880, 4.2; SFC, "The Tenth Census," May 29, 1880, 3.4; SFC, "The Tenth Census," May 31, 1880, 2.3; SPPP, "The Census," June 1, 1880, 6.1; PPL, "The people to be called upon," June 1, 1880, 3.1; BS, "The Census," June 1, 1880, 2.1.

152. BS, "Taking the Census," June 18, 1880, 2.1.

153. Ibid.; BS, "The Press and Census Work," June 18, 1880, 4.2.

154. See, for example, SFC, "Some of the Difficulties Met in Taking the Census," June 5, 1880, 3.8; AC, "Old Si," June 6, 1880, 2.3; MT, "Taking the Census," June 20, 1880, 5.4; SLPD, "Taking the Census," June 21, 1880, 2.2; SFC, "They Had no Census," July 20, 1880, 5.8.

155. AC, "There are some interesting things," August 6, 1880, 3.3.

156. WP, "Is There Such a Thing as Luck?" June 3, 1880, 4.4; AC, "Is There Such a Thing as

Luck?" June 1, 1880, 4.4.

157. SLPD, "A close calculation," November 1, 1880, 4.6; SLPD, "The Census for 1880," July 10, 1880, 8.3.

158. WP, "The Taking of the Census," June 1, 1880, 4.3.

159. WP, "The Latest Confidence Game," March 4, 1880, 2.4.

160. SPPP, "Look Out for the Census Man," June 11, 1880, 4.3.

161. BS, "Taking the Census," May 28, 1880, 2.1.

162. PPL, "The Census Supervisors Appointed by Mr. Steel," May 31, 1880, 1.7-8; SFC, "Answer Truthfully and Fully," June 5, 1880, 2.2; SPPP, "Look Out for the Census Man," June 11, 1880, 4.3.

163. SFC, "Taking the Census," May 17, 1880, 2.1.

164. PPL, "Census Enumerators' Returns," June 4, 1880, 1.5.

165. WP, "The Census," May 23, 1880, 2.2; AC, "The Census," May 23, 1880, 4.2; AC, "The Enumerators and their Pay," September 1, 1880, 4.2; SPPP, "The Census," June 1, 1880, 6.1; WP, "The Census," May 23, 1880, 2.2.

166. SLPD, "The Census," November 8, 1880, 8.2.

167. Comments on manuscript population schedule by enumerator Mary Ames Atkins, Essex County, Massachusetts, June 15, 1880, reel 532, page 818.1.

168. BS, "What Determination Will Accomplish," June 12, 1880, supplement, 1.6. A check of the microfilm reel for Bucyrus, Ohio's manuscript population schedules indicated no enumerator of the reported name.

169. NYT, "Enumerators' Experiences in New York City," June 5, 1880, 10.1.

170. NYT, "NY Enumerators' Complaints of Pay," June 25, 1880, 3.4; enumerator comment on manuscript population schedule, reel 1053, p. 394.2.

171. On the manuscript population schedule, enumerator James McConnell of Christian County, Illinois, noted, "I did most of my writing out in the fields. For men did not like to leave their work." June 19, 1880, reel no. 181, page 718.1.

172. SFC, "The Census," June 12, 1880, 2.4.

173. WP, "An Ex-Enumerator's Complaint," August 6, 1880, 2.5.

174. NOTP, "Suicide of a Census Enumerator," August 11, 1880, 1.6; PPL, "John B. Buck," August 12, 1880, 1.3.

175. MT, "Wadena," July 1, 1880, 8.3; MT, "Faribault," July 1, 1880, 2.2-3. Similarly, an

enumerator noted on his schedule, when enumerating a work group of 41 men, "On Union Island could not get to them...I could not see the parties on account of high water...took the names from their day book," reel 80, p. 260.1

176. SFC, "The Census," June 1, 1880, 3.8; WP, "The Census," May 23, 1880, 2.2.

177. SFC, "The Tenth Census," May 17, 1880, 2.3; BS, "The Census of 1880," June 1, 1880, 4.4.

178. SFC, "Census Enumerators," June 7, 1880, 3.9.

179. BS, "Taking the Census," May 21, 1880, 2.1.

180. SLPD, "Taking the Census," June 3, 1880, 2.5.

181. PPL, "Prepare for the Census," May 14, 1880, 2.1; SDR, "The Tenth Census," June 1, 1880, 2.2-3.

182. SFC, "The Tenth Census," May 17, 1880, 2.3.

183. BS, "Progress of the Census Taking," June 3, 1880, 1.8; PPL, "The Census-- Progress of the Work," June 10, 1880, 3.7.

184. BS, "Taking the Census," May 28, 1880, 2.1.

185. WP, "Carolina's Census," October 10, 1880, 1.3.

186. Comments on manuscript census schedules by enumerators Mary Ames Atkins, Essex County, Massachusetts, June 11, 1880, reel 532, p. 816.2, Fred Grundy, Christian County, Illinois, June 16, 1880, reel 181, p. 657.2.

187. Comments on manuscript census schedules by enumerators John W. Lapp, Harrison County, Indiana, June 30, 1880, reel 283, p. 297.2. and Henry Galley, Fayette County, Pennsylvania, not dated, reel 1129, p. 150.1.

188. SFC, "Taking the Census," June 4, 1880, 4.3. See also SPPP, "Look Out for the Census Man," June 11, 1880, 4.3.

189. NOTP, "Taking the Census," June 15, 1880 (morning), 2.2; SLPD, "The Census," November 8, 1880, 8.2.

190. WP, "Queer Experiences," June 14, 1880, 1.5.

191. SLPD, "The Census," November 8, 1880, 8.2; NOTP, "The Census," July 8, 1880, 6.4; comments on the manuscript population schedule by enumerator S.E. Whitney, Houghton County, Mississippi, June 17, 1880, reel 581, p. 404.2 and August 9, 1880, reel 581, p. 418.2.

192. NYT, "Enumerators' Experiences in NYC," June 5, 1880, 10.1; BS, "Census Operations," June 14, 1880, 1.8; NOTP, "Taking the Census," June 15, 1880 (morning), 2.2; SLPD, "Taking the Census," June 14, 1880, 8.1; WP, "Obstructing the Census," June 7, 1880, 1.7; SFC, "The Census," June 12, 1880, 2.4; BS, "Census Operations," June 14, 1880, 1.8.

The number of arrests and prosecutions for refusals to answer is a poor indicator of the relative quality of different nineteenth century U.S. censuses. Only two persons were prosecuting for

refusing to answer in 1870, but every other indicator suggests that the 1880 census was considerably more complete than the ninth census. The higher number of arrests in 1880 may indicate that more emphasis was placed on getting a complete count in that year, and on using every available recourse to secure it.

193. WP, "Obstructing the Census," June 7, 1880, 1.7; SPPP, "Look Out for the Census Man," June 11, 1880, 4.3; NYT, "Enumerators' Experiences In NYC," June 5, 1880, 10.1; AC, "Something about the Census," May 8, 1880, 1.8.

194. Peter Knights, "Potholes in the Road of Improvement? Estimating Census Underenumeration by Longitudinal Tracing: U.S. Censuses, 1850-1880," *Social Science History* 15 (1991), 517-26.

195. PPL, "Progress of the Census," June 8, 1880, 1.6.

196. SFC, "The Census," June 28, 1880, 3.4.

197. SPPP, "St. Paul's Population," September 30, 1881, 7.3.

198. Report of Superintendent of Census, House Exec. Doc. 1, 45th Congress, 3d session, January 17, 1878; Interview with Superintendent of Census by Joint Committee on Provisions for Taking Tenth Census, Senate Misc. Doc. 26, 45th Congress, 3d session, December 17, 1878.

199. Interview with Superintendent of Census by Joint Committee on Provisions for Taking Tenth Census, Senate Misc. Doc. 26, 45th Congress, 3d session, December 17, 1878; NYT, "Census Complaints," June 27, 1880, 6.5.

200. AC, "The Count of Heads," October 3, 1880, 1.4-5.

201. Report of Superintendent of Census, House Ex. Doc. 1, 45th Congress, 3d session, January 17, 1878.

202. SFC, "The Census," June 28, 1880, 3.4.

203. Steven Ruggles, "The Demography of the Unrelated Individual, 1900-1950," *Demography* 25 (1988).

204. "Instructions to Enumerators," Dept. of the Interior, Census Office, May 1, 1880.

205. BS, "Police Aid in Census Taking," June 2, 1880, 4.5.

206. AC, "Atlanta Census," June 27, 1880, 4.3.

207. BS, "Police Aid in Census Taking," June 2, 1880, 4.5.

208. NYT, "Life in Baxter Street," June 15, 1880, 8.3.

209. MT, "The Census," June 2, 1880, 7.4.

210. SLPD, "Taking the Census," June 14, 1880, 8.1; SFC, "The Census," June 28, 1880, 3.4; NYT, "Enumerators' Experience in New York City," June 5, 1880, 10.1; AC, "The Census Enumerators of New York," June 23, 1880, 2.3; BS, "Progress of the Census Taking," June 3, 1880,

- 1.8; SFC, "Taking the Census," June 12, 1880, 2.2; SLPD, "The New York Census," June 24, 1880, 2.1.
211. NYT, "Enumerators' Experiences in New York City," June 5, 1880, 10.1; BS, "Progress of the Census Taking," June 3, 1880, 1.8; BS. "The Census Work in New York," June 7, 1880, supplement, 1.7.
212. NYT, "Enumerators' Experiences in New York City," June 5, 1880, 10.1.
213. NYT, "The City's Population," July 10, 1880, 8.1; SFC, "The Census," June 28, 1880, 3.4; PPL, "Citizens who have gone out of town," June 8, 1880, 2.1.
214. SLPD, "Taking the Census," June 14, 1880, 8.1.
215. PPL, "Can the enumerators tell," July 16, 1880, 8.1.
216. SFC, "Taking the Census," June 4, 1880, 4.3; SFC, "The Census," June 12, 1880, 2.4.
217. SPPP, "The Census," June 1, 1880, 6.1; PPL, "The Census Enumerators," May 15, 1880, 1.8.
218. WP, "The Carolina Census," September 1, 1880, 4.1.
219. Ansley J. Coale and Melvin Zelnik, *New Estimates of Fertility and Population in the United States*. Princeton, NJ: Princeton University Press, 1963; Ansley J. Coale and N.W. Rives, "A Statistical Reconstruction of the Black Population of the United States 1880-1970: Estimates of True Numbers by Age and Sex, Birth Rates, and Total Fertility," *Population Index* 39 (1973), 3-36.
220. WP, "The Carolina Census," September 1, 1880, 4.1.
221. WP, "Queer Experiences," June 14, 1880, 1.5.
222. "Letter from Secretary of the Interior," Senate Ex. Doc. 28, 46th Congress, 3d session, January 29, 1881.
223. Letter of G.R. Handenberg, Supervisor of the Census, 2nd district of California, April 23, 1880, National Archives, RG 48, Box No. 2, Entry 284.
224. SFC, "The Proposed Chinese Census," May 7, 1880, 2.1.
225. Ibid.; Letter from Francis Walker to the Secretary of State, June 18, 1880, National Archives, RG 48, Box No. 2, entry 284.
226. SFC, "The Chinese Census," May 29, 1880, 3.4.
227. SFC, "The Proposed Chinese Census," May 7, 1880, 2.1.
228. NYT, "Enumerators' Experiences in NYC," June 5, 1880, 10.1.
229. NYT, "Chinese in California; Difficulty in Counting," August 9, 1880, 2.2.
230. PPL, "Prepare for the Census," May 14, 1880, 2.1.

231. SLPD, "Taking the Census," June 14, 1880, 1.7-8.
232. WP, "Two Cents a Head," May 30, 1880, 1.7-8; MT, "Taking the Census," May 3, 1880, 2.6.
233. SFC, "The Tenth Census," May 31, 1880, 2.3.
234. WP, "Queer Experiences," June 14, 1880, 1.5.
235. "Instructions to Enumerators," Dept. of Interior, Census Office, May 1, 1880.
236. WP, "Queer Experiences," June 14, 1880, 1.5.
237. SDR, "An Enumerator's Experience," June 4, 1880, 3.3; SLPD, "Taking the Census," June 14, 1880, 8.1.
238. NYT, "Enumerators' Experiences in New York City," June 5, 1880, 10.1; BS, "Progress of the Census Taking," June 3, 1880, 1.8; BS, "The Census Work in New York," June 7, 1880, supplement, 1.7.
239. SLPD, "Taking the Census," June 14, 1880, 8.1.
240. AC, "Old Si," June 6, 1880, 2.3.
241. SLPD, "Taking the Census," June 21, 1880, 2.2.
242. SLPD, "Taking the Census," June 14, 1880, 8.1.
243. AC, "The Old Mill," August 4, 1880, 2.4; SPPP, "The Youngest Widow in Albany," June 20, 1880, 12.4; SLPD, "Taking the Census," June 14, 1880, 8.1; PPL, "Difficulty of Some of the Enumerators," June 8, 1880, 2.1; NOTP, "Southern State News," July 10, 1880, 2.3; SDR, "The Census," May 26, 1880, 3.4; SPPP, "Census Takers Troubles," June 5, 1880, 9.4; SFC, "Taking the Census," June 12, 1880, 2.2; WP, "Queer Experiences," June 14, 1880, 1.5; SDR, "Pacific Coast Items: One of the Census Enumerators," June 22, 1880, 1.8; NOTP, "Southern State News," July 10, 2.3; SDR, "Pacific Coast Items: The Census Enumerators," 7/28/80, 1.7; AC, "Probably the Youngest Widow," August 3, 1880, 3.2; PPL, "Difficulty of Some of the Census Enumerators," June 8, 1880, 2.1.
244. WP, "Two Cents a Head," May 30, 1880, 1.7-8.
245. Ibid.
246. NYT, "Enumerators' Experiences in NYC," June 5, 1880, 10.1.
247. BS, "Preparatory Census Work," May 3, 1880, 1.4; PPL, "The Census--Progress of the Work," June 10, 1880, 3.7; BS, "Census Matters," June 11, 1880, 2.4; AC, "The Census of Atlanta," June 13, 1880, 1.7; SLPD, "Taking the Census," June 14, 1880, 8.1; BS, "Census Operations," June 14, 1880, 1.8; PPL, "Returns of the Census Enumerators," June 14, 1880, 1.3; PPL, "Progress of the Census," June 15, 1880, 1.5; NOTP, "Taking the Census," June 15, 1880 (morning), 2.2; SFC, "The Census," June 18, 1880, 1.2; BS, "The Press and Census Work," June 18, 1880, 4.2; SFC, "The Census in the Second District," June 20, 1880, 4.5.

248. MT, "The Census," June 13, 1880, 7.4. See also, AC, "In every part of the city," June 29, 1880, 2.1; MT, "The Census," June 16, 1880, 6.3; AC, "The Census," June 19, 1880, 4.2; SLPD, "Aid the Census Takers," November 8, 1880, 4.2; NOPD, "The City's Population," November 18, 1880, 5.1.

249. AC, "The Census," February 6, 1880, 1.6.

250. PPL, "Progress of the Census," June 22, 1880, 1.7; AC, "Atlanta Census," June 27, 1880, 43; PPL, "Progress of the Census," June 24, 1880, 1.5; AC, "Twice recently we have taken occasion," June 25, 1880, 2.1; SFC, "The Census," June 30, 1880, 3.8; SFC, "Oakland Items," July 14, 1880, 5.7; comments on manuscript population census by enumerator Edward Self, of Essex County, New Jersey, July 5, 1880, reel 781, p. 231.1.

251. PPL, "Progress of the Census," June 22, 1880, 1.7.

252. SPP, "The Census of Minneapolis and St. Paul," July 15, 1880.

253. AC, "The Census Returns," August 20, 1880, 1.6; SFC, "The Census Enumerators," June 24, 1880, 4.2; SFC, "The Census," June 12, 1880, 2.4; WP, "An Ex-Enumerator's Complaint," August 6, 1880, 2.5; MT, "The Census," June 16, 1880, 6.3.

254. Memorial to Congress, Arkansas supervisor, National Archives, RG 46, Senate 47A-H30.

255. AC, "No Mistake in the Supervisor's Report," January 26, 1881, 4.3.

256. SLPD, "Taking the Census," June 14, 1880, 8.1.

257. AC, "Taking the Census," May 13, 1880, 4.5.

258. Letter from Secretary of the Interior, Senate Ex. Doc. 28, 46th Congress, 3d session, January 29, 1881.

259. AC, "Retaking the Census," November 26, 1880, 1.7; AC, "A dispatch announcing," December 16, 1880, 1.2; NYT, "Results of the Census," August 4, 1880, 1.

260. NYT, "NY City Enumerator Charged," August 14, 1880, 8.1; NYT, "NY City Enumerator Charged," August 18, 1880, 8.3.

261. "All N.C." abbreviation used by enumerator A. Porter Caldwell, Meeklenburg County, North Carolina, reel no. 972, pp. 348-82; comment by enumerator R.M.C. Jones, of Henrico County, Virginia, June 9, 1880, reel 1371, p. 117.1.

262. Comment on the manuscript population schedule by enumerator W.H. Conn, Worth County, Missouri, June 23, 1880, reel 741, p. 388.1.

263. AC, "Western Census Gathering," October 22, 1880, 2.4.

264. WP, "The Carolina Census," September 1, 1880, 4.1; AC, "The Census Reports," September 24, 1880, 1.6-7.

265. SFC, "The Census," June 28, 1880, 3.4.

266. SFC, "Census Enumerators," October 19, 1880, 1.2; SFC, "The City's Population," July 10, 1880, 2.5; WP, "An Ex-Enumerator's Complaint," August 6, 1880, 1.5; PPL, "The Returns of the Census Enumerators," June 14, 1880, 1.3.

267. NYT, "Superintendent's Annual Report," December 1, 1880, 2.1.

268. PPL, "Why Don't They Pay the Enumerators," July 23, 1880, 2.1.

269. PPL, "The Pay of the Enumerators," August 6, 1880, 3.8; AC, "The Enumerators and their Pay," September 1, 1880, 4.2.

270. PPL, "Progress of the Census," June 22, 1880, 1.7.

271. PPL, "Now it is the New York," August 30, 1880, 2.2; SFC, "Census Enumerators," July 16, 1880, 5.8; SFC, "The Pay of Enumerators," June 23, 1880, 3.6; PPL, "The Pay of Enumerators," August 6, 1880, 3.8; PPL, "A Letter from an Enumerator," August 7, 1880, 2.1; NYT, "Census Takers Indignant," August 29, 1880, 12.3; WP, "An Ex-Enumerator's Complaint," August 6, 1880, 2.5.

272. SLPD, "The Census Enumerators Are Very Mad," July 27, 1880, 4.4-5.

273. PPL, "A Letter from an Enumerator," August 7, 1880, 2.1; PPL, "Now it is the New York," August 30, 1880, 2.2; PPL, "Pay of the Enumerators," August 6, 1880, 3.8.

274. Letter from G.B. Merriam to Francis Walker, June 23, 1881, National Archives, RG 48, Dept. of the Interior, Entry 156, Box No. 1, Misc. Letters Received, No. 1304.

275. NYT, "NY Enumerators' Complaints of Pay," June 25, 1880, 3.4; BS, "The President among the Census Takers," June 30, 1880, 4.6; SFC, "Census Enumerators," July 16, 1880, 5.8; SFC, "Census Enumerators' Committee," July 18, 1880, 8.8; SFC, "Unpaid Census Enumerators," July 26, 1880, 3.6; SFC, "The Enumerators," July 28, 1880, 4.3; NYT, "New York City Enumerators' Claim for Pay," August 29, 1880, 12.3; PPL, "Now it is the New York," August 30, 1880, 2.2; AC, "Unpaid Census Enumerators," August 31, 1880, 1.3; NYT, "Dissatisfied Census Enumerators," August 31, 1880, 8.6; NYT, "New York City Enumerators Claim for Pay," September 14, 1880, 3.1; NYT, "Complaints of Census Takers," September 21, 1880, 2.4; National Archives, "Memorandum of Letter of Enumerators, etc. and Referred by members of Congress to the Superintendent of Census...Dated from December 8, 1880 to January 15, 1881," (36 letters), Records of the United States Congress, House of Representatives, 47th Congress, Select Committee HR 47A-32.1.

APPENDIX C Detailed Occupational Codes

* Note: 1950 occupational codes and titles are in bold face. The frequencies for each unique string follow the string to the right. Detailed codes between 9000 and 9999 incorporate logical changes. For a discussion of these changes and other information on the detailed occupational codes see "Occupational Coding" p. 24-29 above.

PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS				
000	Accountants and auditors		0009 CATH. CLERGYMAN	1
0001	ACCOUNTANT	17	0010 CATHOLIC BISHOP	2
0002	ACCOUNTANT ?EXPERT	1	0011 CATHOLIC MINISTER	4
0003	AUDITOR	1	0012 CATHOLIC PRIEST	19
0004	AUDITOR EXP.CO.	1	0013 CHAPLAIN	3
0005	AUDITOR I B & W RAIL ROAD	1	0014 CHINA PREACHER	1
0006	R. R. ACCOUNTANT	1	0015 CHRISTIAN BROTHER	1
0007	TRAVELING AUDITOR L & N RR.	1	0016 CLERGYMAN	129
001	Actors and actresses		0017 CLERGYMAN (METHODIST)	4
0001	ACTOR	35	0018 CLERGYMAN (U.B.)	1
0002	ACTRESS	18	0019 CLERGYMAN AND FARMER	2
0003	COMEDIAN	2	0020 CLERGYMAN EVANGELICAL ASS.	1
0004	COMEDIAN ACTOR	1	0021 COL MINISTER	1
0005	THEATER ACT	3	0022 CONG PREACHER	1
0006	THEATRICAL PERFORMERS	1	0023 CONGREGATIONAL MINISTER	8
003	Architects		0024 EPISCOPAL CLERGYMAN	3
0001	ARCHITECT	35	0025 F B CLERGEMAN	1
0002	ARCHITECT & BUILDER	3	0026 GER METH MINISTER	1
0003	BUILDERS ARCHITECT	1	0027 GERMAN CATHOLIC CLERGYMAN	1
004	Artists and art teachers		0028 GERMAN REFORMED MINISTER	1
0001	ART AT HOME	1	0029 GOSPLL PREACHER	1
0002	ART TEACHER	1	0030 INTINERANT PREACHER	1
0003	ARTIST	52	0031 JEWISH RABBI	1
0004	ARTIST (PAINTER)	1	0032 LEOMINSTER	1
0005	ARTIST ?DESIGNING BY FEE	1	0033 LUTH MINISTER	2
0006	ARTIST IN DRAWING	1	0034 METHODIST MINISTER	27
0007	ARTIST IN PAINTING	1	0035 METHODIST PREACHER	6
0008	ARTIST PHO	1	0036 MINISTER	208
0009	ARTIST PICTURE	1	0037 MINISTER & FARMER	6
0010	ARTIST TEACHER	1	0038 MINISTER & M.D.	1
0011	ARTISTS IN HOUSE W	1	0039 MINISTER & MILLER	1
0012	CANVASS PAINTER	2	0040 MINISTER + ?PARTN	1
0013	COPYING PORTRAITS	1	0041 MINISTER ?& FARMER	1
0014	CRAYON ARTIST	2	0042 MINISTER OF IN. E.S.	1
0015	DRAWING & PAINTING	1	0043 MINISTER OF THE GOSPEL	57
0016	DRAWING TEACHER	2	0044 MINISTER P.E.	1
0017	HOUSE DECORATOR	1	0045 MISS & BAPTIST PREACHER	1
0018	LANDSCAPE AND MARINE ARTIST	1	0046 MISSIONARY	4
0019	LANDSCAPE ARTIST	2	0047 PARISH CURATE	2
0020	MONUMENTAL SCULPTOR	1	0048 PARISH PRIEST ST PATRICK'S	1
0021	PEN ARTIST	1	0049 PARISH PRIST	1
0022	PORTRAIT ARTIST	1	0050 PASTOR	3
0023	PORTRAIT PAINTER	7	0051 PASTOR BAPTIST CHURCH	1
0024	PORTRAIT PAINTER + TEACHER	1	0052 PASTOR OF 1.ST M E CHURCH	1
0025	SCENIC PAINTER	1	0053 PASTOR OF LUTHERAN CHURCH	1
0026	SCULPTOR	1	0054 PASTOR OF THE M.E. CHURCH	1
0027	TEACHER IN PAINTING WATER COLOR	1	0055 PASTOR PRESBYTERIAN CHURCH	1
0028	TEACHER OF DRAWING	2	0056 POSTULANT	1
005	Athletes		0057 PREACHER	80
0001	BASEBALL PLAYER	2	0058 PREACHER & FARMER	1
0002	PROFESSIONAL SWIMMER	1	0059 PREACHER & LAB.-	1
0003	SPORT	2	0060 PREACHER (CONGL)	1
0004	SPTG. WOMAN	2	0061 PREACHER/LABORER	1
006	Authors		0062 PREACHING & FARMER	1
0001	AUTHOR	5	0063 PREACR RO?	1
0002	BOOK RIDER	1	0064 PRESB CLERGYMAN	3
0003	WRITER	3	0065 PRESBT PREACHER	2
007	Chemists		0066 PRESBYTERIAN MINISTER	14
0001	ASSAYER	7	0067 PRIEST	19
0002	CHEMIST	15	0068 PRIEST & TEACHER	1
0003	CHEMIST & DRUGGIST	1	0069 PROTESTANT CLERGYMAN	1
0004	MANUFACTURING CHEMIST	2	0070 RECTOR ST JAMES CH.	1
0005	U.S. ASSAYER	1	0071 RELIGIOUS	7
009	Clergymen		0072 REV	4
0001	? COLPOTURE PREACHER	1	0073 REV. SIR	1
0002	? EPISCOL PREACHER	4	0074 SACRISTAN	1
0003	ASST PRIEST	1	0075 SHAKER	2
0004	BAPTIST CLERGYMAN	5	0076 SUNDAY SCHOOL MISSINARY	1
0005	BAPTIST MINISTER	9	0077 THEOLOGIAN	1
0006	BAPTIST PREACHER	4	0078 U. B. PREACHER	2
0007	BAPTIST PREACHER,FARMER	1	0079 UNI. MINISTER	2
0008	BRO HOLY CROSS	2	0080 W P MINISTER	1
			010	
			College presidents and deans	
			0001 PRES S I OF TECHNOLOGY	1

	0002 PRES. OF SEMINARY	1		0001 ENGINEER AT COAL MINE	3
	0003 PRESDT HOWARD UNIVERSITY	1		0002 ENGINEER ROCK BLAST	1
	0004 PRESIDENT COLLEGE	1		0003 MINE EXPERT	1
014	Professors/instruct., chemistry			0004 MINING ENGINEER	5
	0001 PROF. OF CHEMISTRY IN	1	051	Entertainers, n.e.c.	
017	Professors/instruct., geology			0001 ? DRAM. AGT.	1
	0001 PROFESSOR OF GEOLOGY	1		0002 ? PRUET ENTERT??T	1
018	Professors/instruct., mathematics			0003 CIRCUS PERFORMER	1
	0001 PROF OF MATHEMATICS IN PENN COLLEGE	1		0004 COLE'S CIRCUS	1
	0002 PROF. OF MATH	1		0005 ELLIS TROUPE AGT	1
026	Professors/instruct., sci. n.e.c.			0006 EQUESTRIAN	2
	0001 PROFESSOR NATURAL HISTORY	1		0007 GYMNAS	2
028	Professors/instruct., nonscientific			0008 PERFORMER	1
	0001 HEBREW PROFESSOR	2		0009 PRO GYMNASTICS	1
	0002 P PENMANSHIP	3		0010 SHOW BUSINESS	1
	0003 PROF OF ANCIENT LANGUAGS	1		0011 SHOWMAN	6
	0004 PROF OF GREEK	1		0012 THEATRICAL	1
	0005 PROF OF MUSIC	7		0013 THEATRICAL AGENT	2
	0006 PROFESSOR OF PHILOSOPHY	1		0014 THEATRICAL MANAGER	3
	0007 PROFESSOR OF THEOLOGIE	1		0015 THEATRICAL MANGER	1
	0008 PROFFESE OF LANGUAGES	1		0016 THEATRICAL TRAVELER	1
	0009 PROFFESSOR ENGLISH ?LITA	1		0017 TREASURER OF TROUPE	1
029	Professors/instruct., n.s.			0018 VARIETY PERFORMER	1
	0001 PROF COLLUG	4		0019 VENTRILQUIST SHOWMAN	1
	0002 PROF IN TEACHING	1		0020 W.W. COLE'S CIRCUS	2
	0003 PROFESSOR	7	054	Funeral directors and embalmers	
	0004 PROFESSOR OF ? SECT SCHOOL	1		0001 KEEP COFFIN SHOP	1
	0005 PROFS STATE UNIVERSITY	1		0002 UNDER KEEPER	1
031	Dancers and dancing teachers			0003 UNDER TAKER & CARPENTER	1
	0001 DANCING MASTER	1		0004 UNDERTAKER	55
032	Dentists			0005 UNDERTAKER'S ASST	1
	0001 DENTAL SERJANT	1	055	Lawyers and judges	
	0002 DENTIST	120		0001 ? PAT RIGHT MAN	1
	0003 DENTIST & HOTEL KEEPER	1		0002 ? PROSECUTOR OF PLEAS	1
033	Designers			0003 ?LUZWY LAWYER	1
	0001 CARPET DESIGNER	1		0004 ?N LAWYER	1
	0002 CHART MAKER & FARMER	1		0005 ABSTRACT LAWYER	1
	0003 DESIGNER	6		0006 ATTORNEY	20
035	Draftsmen			0007 ATTORNEY-BOARDING	1
	0001 DRAUGHTSMAN	23		0008 ATTY & C	1
	0002 DRAUGHTSMAN TREAS	1		0009 ATTY AT LAW	91
036	Editors and reporters			0010 AURTURNY FOR J.R. FORD	1
	0001 CIN.TI GAZETTE	1		0011 CIRCUIT JUDGE	2
	0002 CITY EDITOR (SPY)	1		0012 CITY ATTORNEY	1
	0003 CORRESPONDENT	1		0013 CO COURT JUDGE	1
	0004 CORRESPONDENT "COM" HOUSE	1		0014 CONVEYANCER	4
	0005 ED "CITY TIMES"	1		0015 COUNCIL AT LAW	1
	0006 EDITOR	48		0016 COUNTY JUDGE	4
	0007 EDITOR "AURORA"	1		0017 DEPTY P JUDGE	1
	0008 EDITOR "FRANKFORT CRESCENT"	1		0018 DIST ATTORNEY	2
	0009 EDITOR & INS. AGT.	1		0019 DIST. JUDGE	1
	0010 EDITOR & PRINTER	3		0020 JUDGE	2
	0011 EDITOR AND ATTORNEY AT LAW	1		0021 JUDGE ?SUPREM CT. OF MICH	1
	0012 EDITOR DAILY TELEGRAPH	1		0022 JUDGE PRELATE COURT	1
	0013 EDITOR MACOMB JOURNAL	1		0023 JUDGE STATE COURT	1
	0014 EDITOR MAG	1		0024 JUDGE SUPREME BENCH	1
	0015 EDITOR NEWSPAPER	9		0025 JUDGE SUPREME COURT	1
	0016 EDITOR OF HERALD	1		0026 LAW	2
	0017 EDITOR OF THE GLEANER	1		0027 LAWYER	491
	0018 EDITOR OF WAPPINGER CHRONICLE	1		0028 LAWYER & ENGINEER	1
	0019 EDITOR TRIBUNE	1		0029 LAWYER AND EDITOR	1
	0020 EDITOREAL AST AT SUN	1		0030 LAWYER IN FURNITURE FACTORY	1
	0021 EDITRESS OF HOME DEPT IN HERALD	1		0031 LAWYER'S STUDENT	1
	0022 JOURNALIST	18		0032 PATENT ATTORNEY	2
	0023 LA? REPORTER	1		0033 PATENT LAWYER	1
	0024 LEGAL NEWS OFFICE	1		0034 POLICE JUDGE	1
	0025 MANAGER FOR A NEWSPAPER	1		0035 PRACTICING LAWYER	2
	0026 MINING EDITOR	1		0036 PRECINCT COUNTY JUDGE	1
	0027 NEW'S PAPER	1		0037 PROBATE JUDGE	4
	0028 NEWS MAN	1		0038 PROBATE JUDGE & FARMER	1
	0029 NEWSPAPER REPORTER	5		0039 PROS. ATTORNEY	2
	0030 REPORTER	9		0040 READING LAW	2
	0031 REPORTER GAZETTE	1		0041 SOLICITER PATENTS	1
	0032 SH REPORTER	1		0042 STATE JUDGE	1
	0033 TRADE PAPER (EDITS)	1		0043 U S JUDGE	1
	0034 WORKS ON SUNDAY VOICE	1		0044 U.S. CHF JUSTICE N.M.	1
	0035 WRITE FOR NEWSPAPER	1	056	Librarians	
	0036 WRITER FOR THE PRESS	1		0001 CITY LIBRARIAN	1
	0037 WRITER FOR WEEKLY NEWSPAPER	1		0002 LIBRARIAN	5
043	Engineers, civil			0003 WORK STATE LIBRARIAN	1
	0001 CHIEF ENG'R AT WATER WKS	1	057	Musicians and music teachers	
	0002 CITY CIVIL ENG'R	1		0001 BALLAD SINGERS	2
	0003 CITY ENGINEERS OFFICE	1		0002 BAND	1
	0004 CITY INGENIEUR	1		0003 BANJO TEACHER	1
	0005 CIVIL ENGINEER	59		0004 BAS DRUMMER	1
	0006 CIVIL+MINING ENGINEER	1		0005 COMPOSER	1
046	Engineers, mechanical			0006 CONSERVATOR OF MUSIC	1
	0001 MECHANICAL ENGINEER	4		0007 FIDDLER	2
048	Engineers, mining			0008 IT MUSICIAN	2

0009	JUBILEE SINGER	1	0002	A SOCIETY OF CATHOLIC NUNS WHO	1
0010	MANAGER ACADEMY MUSIC	1	0003	ASSISTANT SUPERIOR	1
0011	MUSCIAN & MUSIC DEALER	1	0004	ASST SISTER OF THE POOR	1
0012	MUSIC	2	0005	DOING CONVENT WORK	1
0013	MUSIC & LANGUES	1	0006	DOMICAN SISTER	1
0014	MUSIC COMPOSITOR	1	0007	IN CONVENT	6
0015	MUSIC TEACHER	205	0008	LAY SISTER	1
0016	MUSICAL ARTIST	1	0009	MOTHER SUPERIOR IN TALLEY HOSPITAL	1
0017	MUSICIAN	92	0010	NOVICE	4
0018	MUSICIAN U S	2	0011	NUN	6
0019	MUSICIAN,GUITARIST	1	0012	SISTER HOLY CROSS	2
0020	MUSICIAN,VIOLIN	1	0013	SISTER IN TALLEY HOSPITAL	8
0021	ORGANIST	5	0014	SISTER OF CHARITY	18
0022	PIANIST	1	0015	SISTER OF MERCY	10
0023	PIANO PLAYER	1	0016	SISTER OF ST FRANCIS	2
0024	PIANO-ORGAN MUSIC TEACHER	1	0017	SISTER OF ST MARY	1
0025	PROFESSIONAL SINGER	1	0018	SISTER SUPERIOR	1
0026	SEC COL OF MUSIC	1	0019	SISTERNUN	1
0027	SINGER	3	0020	SISTERS OF THE PRECIOUS BLOOD	1
0028	SINGING TEACHER	1	0021	ST CATHERINE'S SOCIETY	1
0029	STUDYING MUSIC	1	0022	SUPERIOR	2
0030	TEACHER VOCAL MUSIC	5	0023	URSULINE SISTERS	1
0031	TENOR SINGER	1	092	Surveyors	
0032	VIOLINIST	1	0001	ASSIST SURVEYER	1
0033	WORKS IN ? SINGERS	3	0002	LAKE SURVAY	1
058	Nurses, professional		0003	LAND SURVEYER	2
062	Biological scientists		0004	SURVEYING	1
063	Geologists and geophysicists		0005	SURVEYOR	31
	0001 NATURALIST	2	0006	SURVEYOR & ENG.	1
	0001 GEOLOGIST	2	0007	WORK AT SURVEYING	1
	0002 MINERALOLOGIST	1	093	Teachers, n.e.c.	
073	Pharmacists		0001	? WRITING SCHOOL TEACHER	1
	0001 APOTHCARIST	1	0002	AP.NT TEACHER	1
	0002 APOTHECARY	17	0003	ASSISTS IN KINDERGARTEN SCHOOL	1
	0003 DEPT PROTHA??TARY	1	0004	ASSTNT TEACHER	1
	0004 DOMESITC DRUGGIST	1	0005	AT SCHOOL TEACHING	2
	0005 DRIGIST DRUG STORE	1	0006	CO SCH COMMISIONER	1
	0006 DRUGGIST	1	0007	CO SUPT SCHOOL	1
	0007 DRUGGIST POSTMASTER	246	0008	COMMON SCHOOL TEACHER	4
	0008 DRUGGIST & FARMER	1	0009	DIST S TEACHER	1
	0009 DRUGGIST & J.P.	1	0010	EY TEACHER	1
	0010 DRUGGIST (IN DRUG STORE) & FOREMAN	1	0011	GERMAN SCHOOL	2
	0011 DRUGGIST + PHYSC-	1	0012	GERMAN TEACHER	1
	0012 DRUGGIST, FANCY GOODS DEALER, POSTM	1	0013	GOVERNESS [TEACHER]	1
	0013 DRUGGIST-DRUG DEALER	1	0014	HEADING SCHOOL	1
	0014 DRUGS	1	0015	HIGH SCHOOL	1
	0015 HOMEOPATHIC VIALS	1	0016	KEEPING HOUSE & TEACHING	2
	0016 MEDICINE PREPAIRER	2	0017	KINTERGARDEN SCHOOL	1
	0017 PHARMACIST	1	0018	MANTANSERO	1
	0018 RETAIL DRUGGIST	2	0019	MATHEMATICAL ???	2
	0019 DRUG TRAVELLER	5	0020	MATRON	5
074	Photographers		0021	MATRON INDUSTRIAL SCHOOL	1
	0001 PHOTO ARTIST	8	0023	N.S. TEACHER	3
	0002 PHOTOGRAPH TAKER	2	0024	OF LANGUAGES	1
	0003 PHOTOGRAPHER	103	0025	PEDAGOGUE	1
	0004 WORKS AS PHOTOGRAPHER	1	0026	PM & SCHOOL TEACHER	1
075	Physicians and surgeons		0027	PRIN. BUFF.FEMALE ACADEMY	1
	0001 ? ECLEST PHYSICIAN	1	0028	PRIN. NORMAL SCHOOL	2
	0002 APT PHYSICIAN SLA	1	0029	PRINCIPAL	1
	0003 C?? DOCTOR	1	0030	PRINCIPAL IN ACCADAMY	1
	0004 DOCTOR	123	0031	PRINCIPAL OF PUBLIC SCHOO	3
	0005 DOCTOR + FARMER	1	0032	PRINCIPAL SCHOOL	3
	0006 DOCTOR M.	15	0033	PRINCIPLE IN COM SCHOOL	1
	0007 DOCTOR OF PHYSICS	3	0034	PRIVATE TEACHER	1
	0008 DOCTORESS	3	0035	SCHOLAR	1
	0009 DR MD & DENT	1	0036	SCHOLMASTER	1
	0010 ECLECTIC PHYSICIAN	1	0037	SCHOOL COMM	2
	0011 EYE DOCKTER OCULIST	1	0038	SCHOOL MISTRESS	4
	0012 HOSPITAL PHIS.	1	0039	SCHOOL SUPRINTENDENT	1
	0013 INDIAN DOCTOR	1	0040	SCHOOL T. & M.G.	1067
	0014 M.D.	38	0041	SCHOOL TEACHER	1
	0015 MAGNETIC PHYSICIAN	1	0042	SCHOOL TEACHER &C	1
	0016 MEDICAL DOCTOR	13	0043	SCHOOL TEACHING ASSEMBLYMAN	1
	0017 PHYSICIAN	636	0044	SCHOOLMAN	1
	0018 PHYSICIAN & DRUGGIST	2	0045	SCOLAR	1
	0019 PHYSICIAN & FARMER	13	0046	SUPT PUBLIC SCHOOL	1
	0020 PHYSICIAN & FORTUNE TELLER	1	0047	SUTT!!! TEACHER TO BLIND	654
	0021 PHYSICIAN & KEEPER	1	0048	TEACHER	4
	0022 PHYSICIAN & SURGEON	20	0049	TEACHER & FARMER	1
	0023 PHYSICIAN (ALLOPATH)	1	0050	TEACHER & WRITER	2
	0024 PRACTICE MEDICINE	2	0051	TEACHER (ACDEMY)	1
	0025 PRACTICING PHYSICIAN	6	0052	TEACHER AND SUPT. PUB. SCHOOLS	1
	0026 PRACTITIONER	1	0053	TEACHER AT SCHOOL	1
	0027 PROE DR.	1	0054	TEACHER D & D ASYLUM	2
	0028 SURGEON	2	0055	TEACHER DAY SCHOOL	1
	0029 TRAVELS PHYSICIAN	1	0056	TEACHER FRENCH & ENGLISH	1
078	Religious workers		0057	TEACHER HOUSEKEEPER	3
	0001 A HOUSE OF GOOD SHEPHERD	1	0058	TEACHER IN C SCHOOL	10
			0059	TEACHER IN CATHOLIC SCHOOL	1

0060	TEACHER IN COLLEGE	1	0033	DAIRYMAN	54
0061	TEACHER IN CONV.T	1	0034	DARIE BUSINESS	1
0062	TEACHER IN DIS SCH	1	0036	FARM	90
0063	TEACHER IN GRADED SCHOOL	4	0037	FARM & HOME	2
0064	TEACHER IN HIGH SCHOOL	1	0038	FARM ? IN ??	1
0065	TEACHER IN LAW	30	0039	FARM HOME	1
0066	TEACHER IN PUBLIC SCHOOL	1	0040	FARM ON SHARES	5
0067	TEACHER IN SEWING MACHINES	1	0041	FARM OWNER	1
0068	TEACHER OF ELOCUTION	1	0042	FARM RENTER	3
0069	TEACHER P.S. IS.	1	0043	FARM TENANT	24
0070	TEACHER'S SCHOOL	1	0044	FARMER	40399
0071	TEACHER, PENMANSHIP	1	0045	FARMER ALL ALONE	1
0072	TEACHER-DAIRYMAN & LABORE	1	0046	FARMER JP	1
0073	TEACHES DIR SCHOOL	2	0047	FARMER LEFT HIS WIFE	1
0074	TEACHES SCHOOL AND FARMER	74	0048	FARMER & ? DAIRY	1
0075	TEACHING	1	0049	FARMER & ? TANNER	1
0076	TEACHING AND VISITING	372	0050	FARMER & BLACKSMITH	15
0077	TEACHING SCHOOL	2	0051	FARMER & BOARDING HOUSE KEEPER	1
0078	W AT SCHOOL	1	0052	FARMER & BOOK AGT	1
0079	WRITING MASTER	3	0053	FARMER & BRICK MANFGR	1
097	Therapists and healers, n.e.c.		0054	FARMER & BROOM MFG	1
0001	CHIROPODIST	4	0055	FARMER & C	1
0002	HERB DOCTOR	1	0056	FARMER & C???ER	1
0003	HOMOEOPATH PHYSICIAN	2	0057	FARMER & CARPENTER	15
098	Veterinarians		0058	FARMER & CHEESEMAKER	1
0001	? 'S SURGEON	1	0059	FARMER & CLERGYMAN	2
0002	DOG DOCTOR	1	0060	FARMER & CO SUREYOR	1
0003	HORSE DOCTOR	3	0061	FARMER & COMMERCIAL TRAVELLER	1
0004	VET SURGEON	22	0062	FARMER & CON	1
0005	VETERINARIAN	2	0063	FARMER & COTTON DEALER	1
099	Prof., tech., etc. workers, n.e.c.		0064	FARMER & DAIRY MAN	2
0001	? MUSEUM	2	0065	FARMER & DISTILLER	1
0002	ASSIST P.P.	1	0066	FARMER & DR?ON	1
0003	CANVASSING FOR COUNTY HISTORYS	1	0067	FARMER & DRY GOODS MCHT	2
0004	CLAIROVYANT	1	0068	FARMER & ENGINEER	2
0005	COUNSELLOR	1	0069	FARMER & FARM LAB	1
0006	DIVER	1	0070	FARMER & FLOOR MFG	1
0007	ELECUTIONIST	2	0071	FARMER & GARDINER	2
0008	GAMBLER	11	0072	FARMER & GROCER	2
0009	HOUSE FURNISHING IN NY	1	0073	FARMER & GUIDE IN WOODS	1
0010	INVENTOR	4	0074	FARMER & HOTEL KEEPER	1
0011	INVENTOR & MACHINIST	1	0075	FARMER & HOUSE BUILDER	1
0012	INVENTOR OF PATENTS	1	0076	FARMER & HUCKSTER	3
0013	LECTURER	1	0077	FARMER & ICE DEALER	1
0014	PATENT'E	1	0078	FARMER & INN KEEPER	1
0015	PHONOGRAPHER	2	0079	FARMER & JOBER	1
0016	PLAYING CARDS	1	0080	FARMER & JUSTICE OF PEACE	2
0017	PREST FERG ASSTN	1	0081	FARMER & LAB	10
0018	PROFESSION	2	0082	FARMER & LIVERY	1
0019	PUBLIC WOMAN	2	0083	FARMER & LUMB?	1
0020	PUBLIC WORK	1	0084	FARMER & LUMBER GOOD	1
0021	SPECIALIST	1	0085	FARMER & LUMBERMAN	5
0022	WINE MASTER	1	0086	FARMER & M D	1
	FARMERS AND FARM MANAGERS		0087	FARMER & M.L.	1
100	Farmers (owners and tenants)		0088	FARMER & M??	1
0001	(FARMER) ATTORNEY	1	0089	FARMER & MACHANIC	3
0002	? AS FARMER	1	0090	FARMER & MERCHANT	13
0003	?WOR FARMER	1	0091	FARMER & MILL PROPRIETOR	1
0004	AGRICULTURE	16	0092	FARMER & MILL WRIGHT	2
0005	APIARIST	7	0093	FARMER & MILLER	3
0006	AS FARMER	4	0094	FARMER & MINISTER	6
0007	AT FARM	1	0095	FARMER & P M	1
0008	AT FARMING	1	0096	FARMER & PAINTER	1
0009	AT HOME FARMING	1	0097	FARMER & PLANTER	4
0010	AT SOUTHWICKS	1	0098	FARMER & POOR HOUSE KEEPR	1
0011	ATTEND FARM	3	0099	FARMER & POSTAL CLERK	1
0012	BEE CULTURE	1	0100	FARMER & PREACHER	3
0013	BEE KEEPER	7	0101	FARMER & PROP.R OF SAW MILL	1
0014	BREEDING LAND IN D.T.	1	0102	FARMER & R.R.	1
0015	BRIGG'S ORCHARD	1	0103	FARMER & RETIRED MERCHANT	1
0016	C FARM	1	0104	FARMER & REV	1
0017	CATTLE	1	0105	FARMER & SALOON	1
0018	CATTLE BOISE	1	0106	FARMER & SAWYER	1
0019	CATTLE BUSINESS	1	0107	FARMER & SHEEPRAISER	1
0020	CATTLE GROWER	6	0108	FARMER & SHERIFF	1
0021	CATTLE MAN	1	0109	FARMER & SHOEMAKER	1
0022	CATTLE RAISER	6	0110	FARMER & STOCK HAND	1
0023	CATTLE RAISING	2	0111	FARMER & STOCK RAISER	4
0024	CHARING	3	0112	FARMER & STOCKMAN	2
0025	CONDUCTS FARM	7	0113	FARMER & STOCKRAISER	2
0026	COTTON FARMER	1	0114	FARMER & STONE-MASON	1
0027	COW RAISER	1	0115	FARMER & SUPERANNUATED MI	1
0028	CULLVATING CRANBERRIES	1	0116	FARMER & SUPERVISOR OF COUNTY	1
0029	DAIRY	6	0117	FARMER & TANNER	3
0030	DAIRY FARMER	1	0118	FARMER & TEACHER	7
0031	DAIRY WOMAN	1	0119	FARMER & TEAMSTER	3
0032	DAIRYING	1	0120	FARMER & THRASHER	5
			0121	FARMER & TILE MAKER	1
			0122	FARMER & TRADER	2

0123	FARMER & TRAPPER	1	0212	HORTICULTURIST	6
0124	FARMER & V S.	1	0213	HOUSE & FARM	1
0125	FARMER & WOODEN SHOE MAKE	1	0214	KEEPER OF TOWN FARM	1
0126	FARMER & WORKS IN SAW MIL	1	0215	KEEPING DARY	1
0127	FARMER &C	1	0216	KEEPING FAR	4
0128	FARMER (MOVING)	1	0217	KEEPING FARMER	1
0129	FARMER + BANKER	1	0218	KEEPING HOUSE & FARMING	26
0130	FARMER + BOATMAN	1	0219	KEEPING MILK DAIRY	1
0131	FARMER + CO COMMISSIONER	1	0220	KEEPING STOCK	1
0132	FARMER + DISTILLER	1	0221	KEEPS A FARM	2
0133	FARMER + FISHERMAN	1	0222	KEEPS DAIRY	5
0134	FARMER + J. PEACE	3	0223	KEEPS STOCK	1
0135	FARMER + LAB	2	0224	LAND BEOMAN & FARMER	1
0136	FARMER + MANUFACTUR	1	0225	LAND TENANT	1
0137	FARMER + PAINTER	1	0226	MAKEING FARM	1
0138	FARMER + PHYSICIAN	1	0227	MARKET GARDNER	11
0139	FARMER + SAW MILL	1	0228	MESSMAN & FARMER	1
0140	FARMER + TEAMSTER	1	0229	MILK DAIRY	2
0141	FARMER + WAGON PMKR	1	0230	MILK FARM	2
0142	FARMER AND BOARDER	1	0231	MILK FARMER & COMMISSION MERCHANT	1
0143	FARMER AND COAL DIGER	1	0232	NURSERMAN	1
0144	FARMER AND FRUIT GROWING	1	0233	ON FARMER	1
0145	FARMER AND MASTER MARINER	1	0234	ON NEW FARM	2
0146	FARMER AND MILLMAN	1	0235	OPENING FARM	1
0147	FARMER AND STONE MASON	1	0236	ORANGE GROWER	1
0148	FARMER AND TAX COLLECTOR	1	0237	ORANGE ORCHARDEST	1
0149	FARMER AND WORKS ON R.ROA	2	0238	ORANGE ORCHARDIST	1
0150	FARMER AS ONE OF THE	1	0239	ORANGE PLANTER	1
0151	FARMER AT HOME	21	0240	OWNS FARM	2
0152	FARMER B SMITH & WOOD	1	0241	P FARME	2
0153	FARMER BRICKLAYER	1	0242	P. M. + FARMER	1
0154	FARMER CROPPER	1	0243	PLANT GROWER	1
0155	FARMER DEALER IN LUMBER	1	0244	PLANTATION FARMER	1
0156	FARMER DR	1	0245	PLANTER	70
0157	FARMER FOR BOATBUILDER	1	0246	PLANTER CANE & RICE	1
0158	FARMER H	1	0247	PLANTER COTTON	2
0159	FARMER JUDGE OF PROBATE	1	0248	PLANTING	10
0160	FARMER LAWYER	1	0249	PLANTING ORANGE GROVE	3
0161	FARMER MAN	1	0250	POULTRY BREEDER	1
0162	FARMER MILK	1	0251	POULTRY RAISER	1
0163	FARMER ON FARM	1	0252	PRACTICAL FARMER	1
0164	FARMER P	1	0253	PROPRIETOR OF NURSERY	1
0165	FARMER REPRESENTATIVE LEG	1	0254	R. PLANTER	1
0166	FARMER ST???	1	0255	RAISE CATTLE	1
0167	FARMER STOCK	1	0256	RAISES STOCK	1
0168	FARMER STONE MASON	1	0257	RAISIN	1
0169	FARMER VT. SURGEON	1	0258	RAISING CATTLE	3
0170	FARMER&DENTIST	1	0259	RAISING STOCK	3
0171	FARMER&FORESTER	1	0260	RAISY ONION	1
0172	FARMER(D.C.)	1	0261	RANCH MAN	1
0173	FARMER, ASSESSOR	1	0262	RANCHER	17
0174	FARMER, TOWN TREAS.	1	0263	RANCHERO	6
0175	FARMER-RUNS ELEVATOR	1	0264	RANCHMAN	10
0176	FARMERESS	9	0265	RENTED OUT FARM	1
0177	FARMING	4347	0266	RENTER OF A FARM	4
0178	FARMING & ? TEAMING	1	0267	RENTS AND FARMS	1
0179	FARMING & GARDNING	1	0268	RICE FARMER	1
0180	FARMING & MILLING	1	0269	RICE PLANTER	2
0181	FARMING & STOCK DEALER	1	0270	RUNS FARM	5
0182	FARMING &C	1	0271	SAME	1
0183	FARMING + STOCK	1	0272	SEED GROWER	1
0184	FARMING AND M????G	1	0273	SHEEP & CATTLE RAISER	1
0185	FARMING AT HOME	10	0274	SHEEP FARMER	1
0186	FARMING CATT	1	0275	SHEEP OWNER	2
0187	FARMING GARDENS	1	0276	SHEEP RAISER	19
0188	FARMING LAND	1	0277	SHEEP RAISING	3
0189	FARMING RENTED LAND	1	0278	SMALL FARMER	3
0190	FARMS	56	0279	SQUATTER	1
0191	FARMS ON ? SHORSE	1	0280	SR FARMER	1
0192	FLORIST	47	0281	STARTING FARMER	1
0193	FLOWERS	2	0282	STEERMAN	1
0194	FRUIT	2	0283	STOCK BREEDER	1
0195	FRUIT FARMER	2	0284	STOCK BREEDER A INSPECTOR OF NORMAL	1
0196	FRUIT GROWER	9	0285	STOCK FARMER	7
0197	FRUIT GROWING	2	0286	STOCK GROWER	9
0198	FRUIT RAISING	1	0287	STOCK OPERATOR	1
0199	FRUITIST & GARDEN	1	0288	STOCK RAISER	85
0200	GRAPE GROWER	1	0289	STOCKMAN	7
0201	GRAPE RAISER	1	0290	SUGAR PLANT	1
0202	GREEN HOUSE	3	0291	SUGAR PLANTER	4
0203	HAS FARM	1	0292	T F	8
0204	HAY PRESSER & FARMER	1	0293	T FARMER	1
0205	HERDER & FARMER	2	0294	TAKEN UP RANCH	1
0206	HERDER AND FARMER	1	0295	TENANT	20
0207	HOG RAISER	2	0296	TENDS A FARM	1
0208	HOMESTEADER	1	0297	TOBACCO FARMER	3
0209	HOP GROWER	1	0298	TOWN FARM	3
0210	HORSE RAISER	2	0299	TRUCK FARMER	1
0211	HORSE RAISING ETC	1	0300	TRUCK GARDENER	1

0301	TURPENTINE "FARMER"	2	0006	CUSTOM HOUSE	1
0302	VAQUERO	11	0007	DY. COLLECTOR CUSTOMS	1
0303	VINE GROWER	1	0008	GOV GAUGER	1
0304	VINEYARDIST	1	0009	HEALTH INSPECTOR	2
0305	WOOL GROWER	2	0010	HEALTH OFFICER	1
0306	WORK AT HOME ON FARM	3	0011	HEALTH POLICE	1
0307	WORK FARMER	3	0012	INSPECTOR CUSTOM HOUSE	1
0308	WORKING FARMER	1	0013	INSPECTOR OF CUSTOMS	2
0309	WORKING ON ? SHAN	2	0014	SAMPLER, CUSTOM HOUSE	1
0310	WORKING ON SHARES	2	0015	SANITARY INSPECTOR	1
0311	YEOMAN	4	0016	SANITARY POLICE	1
123	Farm managers		0017	U. S. WEIGHER	3
0001	? SUPERIN OF FARM	8	0018	U.S. ?AUGER	4
0002	CHARGE OF STOCK RANCH	1	0019	U.S. INSPECTOR OF CUSTOMS	1
0003	FARM MANAGER	11	0020	WORK IN COSTUME HOUSE	3
0004	FARM ZOO MASTER	1			
0005	SUP.T TOWN FARM	1	230	Managers/superintendents, building	16
0006	SUPERINTENDANT OF RANCH	1	0001	LANDLORD	1
0007	SUPR FARMER & KH	1	240	Officers, pilots, etc., ship	2
0008	SUPT STOCK RANCH	1	0001	BAR PILOT	1
0009	SUPTENDENT DA??Y	1	0002	CAP.T TOW BOAT	1
			0003	CAPT OF GRAIN BOAT?	1
			0004	CAPT RIVER BOAT	1
			0005	CAPT SAILOR	1
			0006	CAPT STEAM FERRY	1
			0007	CAPT STEAMER	1
			0008	CAPT.OF PROP. ON LAKE	1
			0009	CAPTAIN	4
			0010	CAPTAIN OF BOAT	6
			0011	CAPTAIN OF SHIP	4
			0012	CAPTAIN ON RIVER	2
			0013	ENGINEER ON BOAT	4
			0014	ENGINEER ON RIVER	1
			0015	ENGINEER ON TUG	1
			0016	ENGINEER ON TUG "CLAUD"	1
			0017	ENGINEER SAILOR	1
			0018	FAIRY BOAT CAPT	1
			0019	LAKE CAPTAIN	2
			0020	LAKE PILOT	1
			0021	MAST OF SCHOONER	1
			0022	MASTER MARINER	15
			0023	MASTER OF TUG	1
			0024	MASTER SEAMAN	1
			0025	MASTER STEAMBOAT	1
			0026	MATE	2
			0027	MATE OF SCHOONER	1
			0028	MATE OF SHIP	3
			0029	MATE ON S BOAT	3
			0030	PILOT	24
			0031	PILOT ON BOAT	1
			0032	PILOT ON FERRY	2
			0033	PORT CAPTAIN	1
			0034	PORT MASTER	3
			0035	PURSER	1
			0036	RIVER ENGINEER	1
			0037	RIVER PILOT	1
			0038	SAILOR CAPT	1
			0039	SANDY HOOK PILOT	1
			0040	SEA CAPTAIN	37
			0041	SHIP MASTER	8
			0042	STEAM BOAT ENGINEER	5
			0043	STEAMBOAT CAPTAIN	10
			0044	STEAMBOAT MATE	2
			0045	STEAMBOAT PILOT	10
			0046	STEAMER OFFICER	1
			0047	STEAMSHIP ENGINEER	1
			0048	TUG CAPTAIN	2
			0049	TUG CAPTAIN "CLAUD"	1
			0050	TUG ENGINEER	2
			250	Officials/admin. n.e.c., public	
			0001	? U. S. STORE KEEPER & GAGE	1
			0002	ALDERMAN	1
			0003	ASSESSOR	4
			0004	ASSESSOR 1ST DIST.	1
			0005	ASST MARSHALL (CITY)	1
			0006	ASST. JAILER	1
			0007	AST SUPT CO?? SCHOOLS	1
			0008	CANDIDATE	4
			0009	CAPT OF MARINE COURT	1
			0010	CASHIER OF MINT	1
			0011	CHIEF BUREAU ORDNANCE	1
			0012	CHIEF BURGESS	1
			0013	CIRCUIT CLERK	5
			0014	CIRCUIT COURT CLERK	4
			0015	CITY ASSESSOR	1
			0016	CITY CLERK	2
			0017	CITY CONTROLLER	1
			0018	CITY JAIL KEEPER	1
			0019	CITY JUSTICE	1
200	Buyers and department heads, store				
0001	SHIPPER CLOTHING STORE	1			
201	Buyers and shippers, farm products				
0001	BUTTER BUYER	1			
0002	BUYING TOBACCO	1			
0003	BYING HOGS	2			
0004	CATTLE BUYER	5			
0005	CATTLE DEALER	22			
0006	CATTLE TRADER	9			
0007	COTTON BUYER	7			
0008	COW DEALER	2			
0009	DEALER IN GRAIN & FARM	1			
0010	DEALER IN PRODUCE	1			
0011	FARM???? DEALER	1			
0012	FRUIT BUYER	1			
0013	GRAIN BUYER	4			
0014	GRAIN DEALER	47			
0015	HIDE +WOOL DEALER.	2			
0016	HIDE BUYES	1			
0017	HOG DEALER	1			
0018	HOG TRADER	1			
0019	HOP BUSINESS	1			
0020	HOP DEALER	3			
0021	HOP MERCHANT	1			
0022	HORN DEALER	1			
0023	HORSE & FEED DEALER	1			
0024	HORSE DEALER	27			
0025	HORSE SPECULATOR	1			
0026	HORSE TRADER	9			
0027	LIVE STOCK DEALER	6			
0028	POTATOE DEALER	1			
0029	POULTRY DEALER	4			
0030	SHIP OF PORK HAM & S.	1			
0031	SHIPPER OF LIVE STOCK	1			
0032	STOCK BUYER	7			
0033	STOCK DEALER	44			
0034	STOCK SHIPPER	1			
0035	TRADER IN FARMER PRODUCE	1			
0036	TRADER IN MULES & HORESE	1			
0037	WHEAT BUYER	8			
0038	WHEAT BUYER & FARMER	1			
0039	WOOL BUYER	1			
203	Conductors, railroad				
0001	CAR CONDUCTOR	18			
0002	CONDUCTER ON P.R.R.	1			
0003	CONDUCTOR	42			
0004	CONDUCTOR C + N N RR	1			
0005	CONDUCTOR FREIGHT RR	6			
0006	CONDUCTOR ON PULMAN CAR	1			
0007	CONDUCTOR TRAIN	1			
0008	CONDUCTOR W & G R R	1			
0009	CONDUCTOR/PASS. R.R.	1			
0010	CONDUSTOR N Y C R R	1			
0011	CONDUSTOR ON E.R.R.	1			
0012	FREIGHT CONDUCTOR	3			
0013	PASS CONDUCT?? R R	1			
0014	R R CONDUCTOR	105			
0015	R R PASSENGER CONDUCTOR	1			
0016	R R WORK TRAIN CONDUCTOR	1			
210	Inspectors, public administration				
0001	BRIDGE INSPECTOR	1			
0002	C HOUSE OFFICER	1			
0003	C.H. EMPLOYEE	3			
0004	CITY WEIGHER	3			
0005	COSTUME HOUSE ? OFFC	2			

0020	CITY OFFICIAL	1	0109	NOTARY PUBLIC	9
0021	CITY RECORDER	2	0110	NOTARY PUBLIC AND CONVEYANCER	1
0022	CITY SERGANT	1	0111	OVERSEER OF POOR	3
0023	CITY SURVEYOR	1	0112	PAYMASTER U.S.A.	1
0024	CITY TAX COL	1	0113	POLICE JUSTICE	3
0025	CITY TREASURER	4	0114	POLITICIAN	1
0026	CLEARER DEPUTY	2	0115	POOR MASTER	1
0027	CLERK FOR TOWNSHIP C	1	0116	POUND KEEPER	1
0028	CLERK COUNTY COURT	6	0117	PUBLIC WORKS	1
0029	CLERK DIST COURT	4	0118	REGISTER & RECORDER	1
0030	CLERK IN COURT	2	0119	REGISTER IN CHANCERY	1
0031	CLERK IN POLICE COURT	1	0120	REGISTER OF BANKRUPTCY	3
0032	CLERK IN PROBATE COURT	1	0121	REGISTER OF DEEDS	1
0033	CLERK OF APPELLANT COURT	1	0122	REGISTER OF THE TREASURY	1
0034	CLERK OF COUNTS	1	0123	REGISTRAR OF ASS. CHARITIES	1
0035	CLERK OF COURT	6	0124	REPRESENTATIVE	1
0036	CLERK S COURT	1	0125	SEARCHER OF RECORDS	1
0037	CLERK U.S. COURT	1	0126	SECT OF STATE	1
0038	CO TREASURER	7	0127	SECT OF WATER WORKS	1
0039	CO. SUP OF PUBLIC TER	1	0128	SPL AGT U.S. TREASURY	1
0040	CO. SUPERINTENDENT	1	0129	SRCY BOARD OF TRADE	1
0041	COLL INT REV	2	0130	ST COMMISSIONER	1
0042	COLLECTOR OF CUSTOMS	2	0131	STATE INSURANCE DEPARTMENT	1
0043	COLLECTOR U.S. REV	1	0132	STATE PRISON COM	1
0044	COMMISSIONER	1	0133	STATE SENATOR	1
0045	COMPILER OF CITY DIRECTORY	1	0134	STATES ATTORNEY	1
0046	CONGRESSMAN	2	0135	STREET COMMISSIONER & LABORER	2
0047	COUNTER IN TREAS.	1	0136	STREET COMMISSIONER	1
0048	COUNTY ASS. T	1	0137	SUPERINT OF POOR HOUSE	1
0049	COUNTY ASSESSOR	1	0138	SUPERINTENDANT OF POOR	2
0050	COUNTY AUDITOR	4	0139	SUPERINTENDENT	1
0051	COUNTY CLERK	5	0140	SUPT POST OFFICE	1
0052	COUNTY COMMISSIONER AND FARMER	1	0141	SUPT WATER WORKS	1
0053	COUNTY COMMISSR	1	0142	SUPT. OF PUBLIC RLDS.	4
0054	COUNTY JAIL	1	0143	TAX COLLECTOR	1
0055	COUNTY JAILOR	2	0144	TAX DEPARTMENT	1
0056	COUNTY SURVEYOR	5	0145	TOWN CLERK + TREAS. AND INSURANCE	1
0057	CUSTOM HOUSE OFFICE	2	0146	TOWN RECORDER	1
0058	CUSTOM HOUSE OFFICER	2	0147	TOWN TREASURER	1
0059	D. CLERK AT APPELLANT COURT	1	0148	TREASURER	1
0060	D.P. COUNTY CLK	3	0149	TRUANT OFFICER OF B.OF ED	1
0061	DEP. CLERK CRIMINAL COURT	1	0150	TWP SUPERVISOR	1
0062	DEPT ?TREASURER	1	0151	U S COMMISSION	1
0063	DEPT CIRCUIT CLERK	3	0152	U S INT REV AGT	1
0064	DEPT CLK SUPR CT	1	0153	U.S. REV OFFICER	4
0065	DEPT DIST CLERK	2	0154	U.S. STORE KEEPER	1
0066	DEPT. CLERK OF COURTS	2	0155	U.S. STORE KEEPER & GUG??	1
0067	DEPTY 2ND AUDITOR	1	0156	US MAIL CONTRACTOR	1
0068	DEPTY ? CIRCUIT CLERK	1	260	Officials, lodge, society, union, et	
0069	DEPTY ASSESSOR	2	0001	AGENT FOR THE S.P.C.A.	1
0070	DEPTY CIR COURT CLERK	1	0002	AGT FOR DEAF MUTES	1
0071	DEPTY COM OF SUPPLIES	1	0003	ASSOCIATION SECRETARY	1
0072	DEPTY COUNTY ASS.	1	0004	GRAND SECY OF LODGE OF ODD FELLOWS	1
0073	DEPTY. CO. TREASURER	1	0005	SEC FIRE DEPARTMENT ASSOCIATION	1
0074	DEPUTY AUDITOR	1	0006	SEC OF MISSIONS	1
0075	DEPUTY CLERK	1	0007	SEC'Y AM. UNITARIAN ASSO.	1
0076	DEPUTY CO ASSESSOR	1	0008	SECRETARY Y. MEN'S RA	1
0077	DEPUTY RECORDER	1	0009	SECY PENNA PEACE SOCIETY	1
0078	DEPUTY SUPT OF STREET	1	0010	SUTP OF CARPENTER'S HALL	1
0079	DIST CHANCELLOR	1	0011	WARD FOREMAN	1
0080	DPUTY COLLECTIO IN REV	1	270	Postmasters	
0081	DPY CLK CC	1	0001	ASSISTANT P M	9
0082	EMIGRATION AGT	1	0002	ASSISTANT P.M. & CLERK	1
0083	GERMAN VICE COUNSEL	1	0003	DEPT POST MASTER	2
0084	GOV. EARLAW COL.	1	0004	POST MASTER	42
0085	GOV. NT AGENT	1	0005	POST MASTER & MERCHANT	2
0086	HARBOUR MASTER	1	0006	POST MASTER AND STORE KEEPER	1
0087	HOUSE SEAT	1	0007	POST MISTRESS	4
0088	INSTRUCTION STATE PRISON	1	0008	POST-MASTER & E. AGT.	1
0089	INT REVENUE ASSESSOR	1	0009	POSTMASTER 25 WARD+KEEP CHINA STORE	1
0090	INTERNAL REV	1	280	Purchasing agents and buyers	
0091	JAILMAN	1	0001	BUY. MASTER	1
0092	JAILOR	6	0002	BUYER & SHIPPER OF	1
0093	JUSTICE	3	0003	BUYER OF LOGS	1
0094	JUSTICE COUNTY COURT	1	0004	BUYER ON MARKER	1
0095	JUSTICE OF PEACE	37	0005	BUYING & SELLING	1
0096	KEEP POST OFFICE	1	0006	BUYS RAGS	1
0097	KEEPER AT PRISON	1	0007	BYER OF DRY GOODS	1
0098	KEEPER COUNTY ASYLUM	1	0008	D GOODS MER. + GROCER	1
0099	KEEPER COUNTY HOUSE	1	0009	FUR PURCHASER	1
0100	KEEPER IN JAIL	1	0010	ORE BUYER	1
0101	KEEPER OF PAUPERS	2	0011	PROCURESS	1
0102	MAGISTRATE	6	290	Managers/officials/prop n.e.c.	
0103	MASTER AT ARMS	1	0001	2.ND HAND CLOTHING	1
0104	MAYOR	1	0002	2.ND HAND STORE	2
0105	MAYOR CITY	1	0003	? CHR MANUF	2
0106	MAYOR OF Y S	1	0004	? CORN EXCH	1
0107	MEMBER OF THE LEGISTURE & FARMER	1	0005	? FARO DEALER	1
0108	NOTARY + CONVEYANCES	1	0006	? FILLER BUSINESS	1

0007 ? GENTS FURNISHING DEALER	1	0096 BOOT & SHOE MFG & DEALER	1
0008 ? LORD OIL MANUFACTURER	1	0097 BOOT & SHOE STORE	3
0009 ? MDRE BROKER	1	0098 BOOT MANUFACTURER	2
0010 ? NATICA MERHAT	1	0099 BOX MANUFACTURER	4
0011 ? PRODUCE COM MER	1	0100 BRACKET MFR	1
0012 ? SATINET MANUFACTURER	1	0101 BRICK MANUFACTURE & FARMER	1
0013 ? SCAP DEALER	1	0102 BRICK MANUFACTURER	9
0014 ? STOVE MANUFACTURER	1	0103 BRIDGE CONTRACTOR	1
0015 ? WATER SLOON	1	0104 BROCCER MERCHANT	1
0016 ???? DEALG	1	0105 BROKER	24
0017 ???? BOOK STORE	1	0106 BROKER BAKER	1
0018 ?CARRIGIE MERCHANT	1	0107 BROOM MANFACTUR & FARMER	1
0019 ?COMMEFIND MERCHANT	1	0108 BROOM MANUFACTURE	2
0020 ?CONRON. MER.	1	0109 BRUSH DEALER	1
0021 ?CROCKEW MERCHANT	1	0110 BRUSH MANF	2
0022 ?DIKING CONTRACTOR	1	0111 BUILDER	42
0023 ?EICE DEALER	1	0112 BUILDER & CONTRACTOR	2
0024 ?ENDRY MERCHT	1	0113 BUILDER & RAISES & MOVES	1
0025 ?FOM MERCHANT	1	0114 BUILDER HOUSES	1
0026 ?IN. SUPERVISOR	1	0115 BUILDING CONTRACTOR	1
0027 ?LIOR STOCK DEALER	1	0116 BUILDING MOVER	2
0028 ?MANUFACTURIA OF PRINTS	1	0117 BUSINESS MANAGER	1
0029 ?PASTER MANUF	1	0118 BUTCHER SHOP	3
0030 ?PRUISIAN DEALER	1	0119 BUTCHER STORE	1
0031 ?R R MASTER	1	0120 BUTTER & EGG DEALER	1
0032 ?SPI?? FOOD MANF	1	0121 BUTTER BUS'	2
0033 ?STONE MERCHANT	1	0122 BUTTER DEALER	4
0034 ?WOOL CARPET MANUFACTUR	1	0123 BUTTER MANUFACTURER	1
0035 ACID MANUFACTURER	1	0124 BUTTER MERCHANT	3
0036 AGGRACULTURE BUSINESS	1	0125 BUTTON DEALER	1
0037 AGL IMP DEALER	3	0126 C?RTING CORD MANF	1
0038 AGRICULT. IMPLTS	1	0127 CAN MEAT BUS	1
0039 AGRICULTURAL MER	1	0128 CAN TRADER	1
0040 AGRICULTURAL STORE	1	0129 CANDY & NOTION STORE	1
0041 ALE DEALER WHOLESAL	1	0130 CANDY DEALER.	1
0042 ART BUSINESS	1	0131 CANDY MANUFACTURER	5
0043 ASS.T MANAGER	1	0132 CANDY STORE	12
0044 ASST SUP'T	1	0133 CAOL DEALER	1
0045 ASST SUPVIST OF R ROAD	1	0134 CAPITALIST	23
0046 ASST. SUP. AT GLASS W.	1	0135 CAR CONTRACTOR	1
0047 AST. SUPERVISOR	1	0136 CAR MANUFACTURER	1
0048 AT BUSINESS	1	0137 CAR MERCHANT	1
0049 AUST + COM MERCHANT	1	0138 CARPENTER SUPT ? FACY	1
0050 B S & C MERCHANT	1	0139 CARPET DEALER	1
0051 B.W.W. SUPT.	1	0140 CARPET MANUFACT	1
0052 BABY COACH MANUFACTURER	1	0141 CARPET MERCHANT	2
0053 BACON DEALER	1	0142 CARPET STORE	2
0054 BAEREL MERCHANT	1	0143 CARRIAGE DEALER	2
0055 BAG BUS	1	0144 CARRIAGE MANUFACTURER	16
0056 BANER	1	0145 CAS N WHOLESAL GROCERY	1
0057 BANK CASHIER	7	0146 CASHIER 2.D NATIONAL BANK	1
0058 BANK OFFICER	1	0147 CASHIER F.N.B.	1
0059 BANK PRE'D	3	0148 CASHIER IN BANK	12
0060 BANKER	69	0149 CATERER	3
0061 BANKER & DRUGIST	1	0150 CATTLE MERCHANT	1
0062 BAR & BILLIARDS	1	0151 CEGAR MERCHANT	2
0063 BEE HIVE MANUFACTURE	1	0152 CHARCOAL DEALER	3
0064 BEER & LIQUOR SALOON	1	0153 CHEESE MANUFACTURER	5
0065 BEER GARDEN	1	0154 CHEMICAL MANUFACTURER	1
0066 BEER MANUFACTURER	1	0155 CHINA STORE	1
0067 BEER SALOON	13	0156 CHUCK MANUFACTURER	1
0068 BEER TUNNEL	1	0157 CIGAR & TOBACCO SELLER	1
0069 BELL MANUFACTURER	1	0158 CIGAR DEALER	15
0070 BILLIARD HALL	1	0159 CIGAR JOBBER	1
0071 BILLIARD ROOM	1	0160 CIGAR MANUFACTURER	45
0072 BILLIARD SALOON	3	0161 CIGAR MANUFG	6
0073 BIRD ?DEALER	1	0162 CIGAR STAND	1
0074 BIRD STORE	2	0163 CIGAR TRADE	2
0075 BITT MANUFACTURER	1	0164 CIGARETT SHOP	1
0076 BLANK BOOK MFG	1	0165 CIGARMAKER STORE	1
0077 BLUE MANUFACTORER	2	0166 CIGARS & TOBACCO	1
0078 BOARD OF TRADE	1	0167 CLAY MERCHANT	1
0079 BOARDING STABLES	1	0168 CLOCK STORE	1
0080 BODNCE MERCHANT	1	0169 CLOTH MANUFAC	1
0081 BOE MFG	1	0170 CLOTH MERCHANT	4
0082 BOILER MANUFACTURER	4	0171 CLOTHIER	11
0083 BOOK & STATIONARY	1	0172 CLOTHING	2
0084 BOOK AND PAPER STORE	1	0173 CLOTHING BUS.	2
0085 BOOK MERCHANT	8	0174 CLOTHING DEALER	13
0086 BOOK NAMUFACTURER	1	0175 CLOTHING H? SUPT.	1
0087 BOOK PUBLISHER	2	0176 CLOTHING MERCHANT	17
0088 BOOK STORE	10	0177 CLOTHING RETAIL	1
0089 BOOKER COTTON	1	0178 CLOTHING STORE	5
0090 BOOKS & JEWELRY DEALER	1	0179 CLOTHS	1
0091 BOOKS & STATIONARY	3	0180 COAL & LUMBER	1
0092 BOOKS & STATIONARY DEALER	1	0181 COAL & WOOD	1
0093 BOOT & SHOE DEALER	20	0182 COAL & WOOD DEALER	2
0094 BOOT & SHOE MANR	8	0183 COAL BUSINESS	1
0095 BOOT & SHOE MERCHANT	7	0184 COAL CONTRACTOR	2

0185	COAL DEALER	66	0274	DEALER IN FEED	2
0186	COAL JOBBER	1	0275	DEALER IN FURNISHING GOOD	1
0187	COAL MERCHANT	13	0276	DEALER IN GAS FIXTURE	2
0188	COAL OIL DEALER	1	0277	DEALER IN GENL MERCHANDISE	10
0189	COAL PROPRIETOR	1	0278	DEALER IN GENTS FUR G'DS	3
0190	COFFEE & SPICE DEALER	2	0279	DEALER IN GRANITE & MARBLE	1
0191	COFFEE BROKER	1	0280	DEALER IN HATS	7
0192	COFFEE DEALER	1	0281	DEALER IN HATS + CAPS	5
0193	COFFEE H KEEPER	2	0282	DEALER IN HIDS	5
0194	COFFEE SALOON	1	0283	DEALER IN HUMAN HAIR	1
0195	COKE MANUFACTURER	1	0284	DEALER IN ICE	2
0196	COLLAR MANUFACTURER	2	0285	DEALER IN LEAF TOBACO	2
0197	COM BROKER	1	0286	DEALER IN LUMBER & COAL	1
0198	COM CLOTH	1	0287	DEALER IN MACHINERY	3
0199	COM. MERCHT. D. G.	1	0288	DEALER IN MDZE	2
0200	COMB MANUFACTURER	2	0289	DEALER IN MOULDING SAND	1
0201	COML. COR. DRY GOODS HOUSE	1	0290	DEALER IN MUSICAL INSTRUMENTS	1
0202	COMM MERCHANT PROUD???	1	0291	DEALER IN NOTIONS	2
0203	COMMERICAL TRADER	1	0292	DEALER IN OIL & PAINTS	1
0204	COMMISSION GROCER	1	0293	DEALER IN PAINTS	2
0205	COMMISSION MERCHANT KEEPING FISH	1	0294	DEALER IN PAPIR HANGING	1
0206	COMMISSION	2	0295	DEALER IN PATENT RIGHTS	1
0207	COMMISSION MERCHANT	65	0296	DEALER IN PIANOS & ORGAN	1
0208	CON.S + BUILDER	1	0297	DEALER IN PUMPS	1
0209	CONFECTIONARY STORE	4	0298	DEALER IN PUMPS LIGHTENING RODS	1
0210	CONTRACTOR R.R	1	0299	DEALER IN RAGS.+C.	1
0211	CONTRACT BUILDING STONE	2	0300	DEALER IN SAND	2
0212	CONTRACTOR-GUILDER	1	0301	DEALER IN SEWING MACHINE	7
0213	CONTRACTOR	37	0302	DEALER IN SPORTING GOODS	1
0214	CONTRACTOR "ROADS ???"	1	0303	DEALER IN STORE	2
0215	CONTRACTOR & BUILDER	4	0304	DEALER IN TAILORS ? TRIM'G'S	1
0216	CONTRACTOR ? CONSTRUCTION	1	0305	DEALER IN TIN WARE	2
0217	CONTRACTOR AND BUILDER (MASON)	1	0306	DEALER IN VEGETABLES	1
0218	CONTRACTOR FOR STONE	1	0307	DEALER IN WALL PAPER	1
0219	CONTRACTOR OF EARTH MOVING	1	0308	DEALER IN WOOL & HIDES	2
0220	CONTRACTOR ON PUBLIC WORKS	2	0309	DEALER SHOE FINDINGS	1
0221	CONTRACTOR STREET	1	0310	DEALERS IN COAL ?????	1
0222	COPPER & SHEET IRON MANUFACTURER	1	0311	DEALING IN ? FATT	1
0223	CORK MANUFACTURER	1	0312	DEALING IN BAGS	1
0224	CORN MERCHANT	1	0313	DEALS IN FIRE WOOD	1
0225	CORNBALL MAN'FG'R	1	0314	DEALS IN PATTERNS	1
0226	CORNI?? MERCHANT	1	0315	DELICATTESSEN	1
0227	CORNICE BUSINESS	1	0316	DEPT MASTER	3
0228	CORSET MANUFACTURER	2	0317	DEPT CONPTROLLER	1
0229	COTTON BROKER	9	0318	DEPT MANG STCH FACT	1
0230	COTTON DEALER	2	0319	DIE STORE	1
0231	COTTON MANUFACTURER	2	0320	DIVISON BOSS ON R R	1
0232	COTTON MERCHANT	1	0321	DLR IN BOTTLES	1
0233	COTTON SEED OIL MANF	1	0322	DLR IN SECOND-HAND CLO.	1
0234	COUNTRY MERCHANT	8	0323	DRUG MERCHANT	3
0235	COUNTRY STORE	6	0324	DRUG STORE	5
0236	COUNTY BANKER	2	0325	DRUGGS + GROCERY	1
0237	COUNTY GROCER	2	0326	DRY GDS & GROCERIES RETAIL MERCHANT	1
0238	CRACKER MAF	2	0327	DRY GOOD GROCERIES FARMER	1
0239	CRACKERS & FLOUR STORE	1	0328	DRY GOODS	29
0240	CROCKERY	3	0329	DRY GOODS & GROCER MERCHA	4
0241	CROCKERY ! MERCHANT	1	0330	DRY GOODS & GROCERIES	5
0242	CROCKERY DEALER	1	0331	DRY GOODS & NOTIONS	2
0243	CROCKERY STORE	2	0332	DRY GOODS AND GROCERY DEALER	1
0244	CUSTOM H BROKER	1	0333	DRY GOODS DEALER	25
0245	D'LR JEWELRY	4	0334	DRY GOODS GROCERY STORE	2
0246	D.G MERCHANT & BANKER	1	0335	DRY GOODS MERCHANT	225
0247	DAILY MARKET	2	0336	DRY GOODS STORE	11
0248	DEALER	8	0337	EATING HOUSE	2
0249	DEALER & FLOUR & C	1	0338	EATING SALOON KEEPER	1
0250	DEALER BUILDING MATERIALS	1	0339	EDITOR & PUBLISHER	3
0251	DEALER FISH OYSTERS	1	0340	EGG DEALER + PACKER	1
0252	DEALER GOLD FRAMES	1	0341	ELPOSIVE MAUFT	1
0253	DEALER IN !	1	0342	EMBROIDARY MFG.	1
0254	DEALER IN ? GRIAN	1	0343	EMBROIDERY STORE	1
0255	DEALER IN ?TREMVAR	1	0344	EMPLOYER RR CO	1
0256	DEALER IN AGRICULTURAL	1	0345	EMPLOYMENT AGT	1
0257	DEALER IN BAGGING	1	0346	EXCHANGE BROKER	1
0258	DEALER IN BOOKS	2	0347	EXPRESS BUSINESS	2
0259	DEALER IN BUGGIES	1	0348	FAMILY GROCERY	2
0260	DEALER IN CABINET WORKS	1	0349	FAMILY RETAIL GROCER	1
0261	DEALER IN CANVASS	1	0350	FANCY GOODS	5
0262	DEALER IN CEMENT	2	0351	FANCY GOODS DEALER	3
0263	DEALER IN CHEESE	1	0352	FANCY GOODS MCHT	2
0264	DEALER IN COAL WOOD & CEMENT	1	0353	FANCY GOODS STORE	3
0265	DEALER IN DRESS TRIM	1	0354	FANCY GROCER	2
0266	DEALER IN DRUG & SEN???	1	0355	FANCY NOTIONS	2
0267	DEALER IN DRUGS	4	0356	FANCY STORE	5
0268	DEALER IN DRY GOODS & C	1	0357	FANCY STORE KEEPER	1
0269	DEALER IN DRY GOODS & C & FARMER	1	0358	FEATHER MER	2
0270	DEALER IN DRY GOODS + GROCERIES	1	0359	FEED MERCHANT	2
0271	DEALER IN FANCY GOODS	2	0360	FEED STABLE	3
0272	DEALER IN FARM IMMPLEMINTS	2	0361	FEED STORE	5
0273	DEALER IN FARM MACHINERY	1	0362	FENCE MANUFACUTER	1

0363	FERTILISERS & C	1	0453	GROCER & DRYGOOD M	1
0364	FEW MERCHANT	1	0454	GROCER & SALOON KEEP	2
0365	FINANCIAL SEC OBERLIN COL	1	0455	GROCER & VICTULLAR?	1
0366	FISH DEALER	14	0456	GROCER (ESS)	1
0367	FISH MARKET	2	0457	GROCER + C	1
0368	FISH MARKETMAN	1	0458	GROCER AND FARMER	1
0369	FISH MERCHANT	4	0459	GROCER DEALER	1
0370	FISH STORE	3	0460	GROCER MERCHANT	4
0371	FLOUR & FEED	3	0461	GROCERIE & EIS DEALER	1
0372	FLOUR & FEED DEALER	5	0462	GROCERIES & LIQUOURS	1
0373	FLOUR & FEED MERCHANT	3	0463	GROCERIES ?BAIS	1
0374	FLOUR & FEED STORE	3	0464	GROCERS AND MEAT M	1
0375	FLOUR & GRAIN DEALER	2	0465	GROCERY	29
0376	FLOUR + FEED BUSINESS	1	0466	GROCERY & BOARDING H	1
0377	FLOUR DEALER	3	0467	GROCERY & DRY GOODS	18
0378	FLOUR FEED + COAL	1	0468	GROCERY & DRY GOODS DEALER	2
0379	FLOUR MANUFACTURER	5	0469	GROCERY & H	1
0380	FLOUR MERCHANT	6	0470	GROCERY & LIQUOR STORE	2
0381	FLOWERING MILL OWNER	1	0471	GROCERY + GLAS WARE	1
0382	FLY NET MANF	2	0472	GROCERY BUSINESS	1
0383	FORWARDING MERCH	2	0473	GROCERY DEALER	6
0384	FRUIT & CONFEC. DEALER	1	0474	GROCERY KEEPER	14
0385	FRUIT & PRODUCE DEALER	1	0475	GROCERY M.	1
0386	FRUIT BROKER	1	0476	GROCERY MERCHANT	10
0387	FRUIT DEALER	17	0477	GROCERY STORE	22
0388	FRUIT GROCER	2	0478	GROCERY STORE WHOL.	1
0389	FRUIT MERCHANT	1	0479	GROCERYMAN	11
0390	FRUIT SELLER RETAIL	1	0480	GUANO MCHT	1
0391	FRUIT STORE	7	0481	GUM BROKER	1
0392	FRUIT TREE ?????	2	0482	GUN STORE	1
0393	FUEL DEALER	1	0483	H BUILDER	1
0394	FUR DEALER	2	0484	HANDLE MANUFACTURER	3
0396	FURNACE DEALER	1	0485	HARD WARE	1
0397	FURNISH GOODS	1	0486	HARDWARE	14
0398	FURNITURE & UNDERTAKER	1	0487	HARDWARE DEALER	40
0399	FURNITURE DEALER	35	0488	HARDWARE MERCHANT	56
0400	FURNITURE MAN	2	0489	HARDWARE STORE	9
0401	FURNITURE MANUF	11	0490	HARDWAREMAN	1
0402	FURNITURE MCH.T	1	0491	HARNESS MANUFACTURER	3
0403	FURNITURE STORE	3	0492	HAS A SALT MILL LEASED	1
0404	G STORE KEEPER	1	0493	HAT & CAP STORE	1
0405	GEN MANAGER BELL TELEPHONE CO &	1	0494	HAT CAP + FUR DEALER	1
0406	GEN MERCHANDISER	1	0495	HAT MANUFACTURER	5
0407	GEN STORE MERCHANT	1	0496	HAT STORE	4
0408	GENERAL BUSINESS	1	0497	HAY & GRAIN DEALER	2
0409	GENERAL DEALER	1	0498	HAY & GRAIN MERCHANT	1
0410	GENERAL GROCERY STORE	1	0499	HAY + GRAIN STORE	1
0411	GENERAL MERCHANDISE	16	0500	HAY DEALER	4
0412	GENERAL MERCHANDISING	4	0501	HAY MARKET	1
0413	GENERAL MERCHANT	27	0502	HEEL MANUFACTURER	1
0414	GENERAL STORE	7	0503	HIDE & LEATHER DEALER	2
0415	GENERAL STORE KEEPER	4	0504	HIDES & WOOL	1
0416	GENERAL SUPPLY STORE	1	0505	HIDES,TALLOW & FRUIT DLR	1
0417	GENERAL TRADER	1	0506	HOE + FORK MANUFACTURER	1
0418	GENRAL SUPERITEN ICE CO	1	0507	HOSIERY DEALER	1
0419	GENT FURN STORE	3	0508	HOSIERY MANUFACTURER	1
0420	GENTLEMAN GOODS	1	0509	HOSP KEEPER	1
0421	GENTS FUR DEALER	1	0510	HOTEL + RESTAURANT	1
0422	GENTS FURNISHING	4	0511	HOTEL AND GENERAL STORE	1
0423	GIN MANUFACTURER	1	0512	HOTEL KEEPER	238
0424	GLASS BUSINESS	1	0513	HOTEL KEEPER & FARMER	2
0425	GLASS DEALER	1	0514	HOTEL KEEPING	3
0426	GLASS H MANAGER	1	0515	HOTEL LANDLORD	1
0427	GLASS MANUFAC	2	0516	HOTEL MANAGER	4
0428	GLASS MERCHANT	2	0517	HOTEL PROPRIETOR	18
0429	GLOVE MANUFACTURER	7	0518	HOTEL. JUST COMMENCING	1
0430	GLOVE MERCHANT	1	0519	HOTELEST	1
0431	GLUE & OIL DEALER	1	0520	HOTELL	2
0432	GLUE BUSINESS	1	0521	HOUSE AND STORE KEEPING	1
0433	GLUE MANUFACTURER	1	0522	HOUSE BUILDER	11
0434	GOV'T STORE KEEPER	1	0523	HOUSE BUILDER & CONTRACTOR	1
0435	GOVERNMENT SUPPLY CONTRACTOR	1	0524	HOUSE FUR GOODS	1
0436	GRAIN & COAL DEALER	1	0525	HOUSE FURNISHING STORE	3
0437	GRAIN & WOOL MERCHANT	1	0526	HS DRY GOOD STORE	1
0438	GRAIN ?COMMISON	2	0527	HUMAN HAIR MANFR	1
0439	GRAIN COM. BUIS.	1	0528	ICE BUSINESS	3
0440	GRAIN MERCHANT	14	0529	ICE CREAM MANUF	1
0441	GRAINE & FEED	1	0530	ICE CREAM SALOON	1
0442	GRANITE DEALER	1	0531	ICE DEALER	29
0443	GRAVE STONE MANUFACTURER	1	0532	ICE MERCHANT	3
0444	GRCOERY & CONFECTIONARY	1	0533	IMP OF FANCY GOODS	1
0445	GREEN GROCER	4	0534	IMP OF MILLINERY GDS	1
0446	GREEN GROCERY MAN	1	0535	IMPORTER MERCHANT	1
0447	GRO STORE KEEPER	1	0536	IMPORTER OF CLAY	1
0448	GROCER	558	0537	IMPORTER OF COAL OIL	1
0449	GROCER &	2	0538	IMPORTER OF UPHOLSTERY	1
0450	GROCER & BAKER	1	0539	IMPORTER OF WINE	1
0451	GROCER & BOOTS STORE	1	0540	IN FUR TRADE	1
0452	GROCER & COAL DEALER	1	0541	IN PRODUCE BUSINESS	1

0542	IN SOAP BUSINESS	1	0631	KEEPS GEN'L STORE	2
0543	IN ST STORE KEEPER	1	0632	KEEPS GIN MILL	1
0544	INDIAN TRADER	1	0633	KEEPS GROCERY	30
0545	INFIRMARY SUPER.T	1	0634	KEEPS GROCERY STORE	8
0546	INK MANFTR	1	0635	KEEPS HAT AND CAP STORE	1
0547	INN KEEPER	8	0636	KEEPS HAT STORE	2
0548	INN PROPRIOTESS OF	1	0637	KEEPS HAY & ? GRAIN STORE	1
0549	INNER	1	0638	KEEPS HOUSE FURNISHING ST	1
0550	INNKEEPER & FARMER	1	0639	KEEPS ICE HOUSE	1
0551	IRON BROKER	1	0640	KEEPS JEWELRY STORE	2
0552	IRON DEALER	3	0641	KEEPS LAGER BIER SALOON	2
0553	IRON MANUFACTURER	6	0642	KEEPS LIVERY STABLE	38
0554	IRON MERCHANT	6	0643	KEEPS LUMBER Y'D	2
0555	IRON ORE CONTRACTOR	1	0644	KEEPS MEAT MARKET	7
0556	IRON WK (OWNER)	1	0645	KEEPS MILENERY SHOP	3
0557	IRONMONGER	1	0646	KEEPS MUSIC STORE	1
0558	JAPAN MERCHANT	1	0647	KEEPS NOTION STORE	2
0559	JERK MANUFACTOR	1	0648	KEEPS OYSTER SALOON	1
0560	JEWELRY & CLOCK STORE	1	0649	KEEPS POTTERY	1
0561	JEWELRY BUSINESS	3	0650	KEEPS PRINTING OFFICE	1
0562	JEWELRY MERCHANT	1	0651	KEEPS RAIL ROAD EATING HOUSE	1
0563	JEWELRY MNFG.	2	0652	KEEPS READY MAD CLOTHG	1
0564	JEWELRY STORE	4	0653	KEEPS RESTAURANT COR. OF WATER+ARCH	1
0565	JOBBER	8	0654	KEEPS RETAIL TOBACCO STORE	1
0566	JOBBER & LAB	2	0655	KEEPS SADDLE + HARNESS STORE	1
0567	JOBGING	1	0656	KEEPS SALOON & DRUG STORE	1
0568	JOINERS TOOL MANUFACTUR	1	0657	KEEPS SALOON & GROCERY	1
0569	JUNK COLLECTOR	1	0658	KEEPS SDA FACTORY	1
0570	JUNK DEALER	20	0659	KEEPS SHOE STORE	3
0571	JUNK MAN	5	0660	KEEPS SHOOTING GALLERY	1
0572	JUNK SHOP	1	0661	KEEPS SMALL STORE	1
0573	JUSTICE HOUSE BUILDER	1	0662	KEEPS SODA WATER STAND	1
0574	KANE MANUF	2	0663	KEEPS STAMP SHOP	1
0575	KEEP BILLIARD PARLOR	1	0664	KEEPS STOVE STORE	2
0576	KEEP BOOK STORE	3	0665	KEEPS TANNERY	1
0577	KEEP DRUG STORE	1	0666	KEEPS TIN STORE	2
0578	KEEP FEED STORE	1	0667	KEEPS TRIMMING STORE	4
0579	KEEP LIQUOR SALOON	1	0668	KEEPS TWINE FACTORY	1
0580	KEEP NOTION STORE	1	0669	KEEPS VARIETY STORE	5
0581	KEEP RETAIL GROCERY	2	0670	KEEPS WASHHOUSE	1
0582	KEEP RR HOTEL	1	0671	KEEPS WOOD YARD	1
0583	KEEPER FANCY STORE	1	0672	KEESP MARBLE YARD	1
0584	KEEPING A FURNITURE STORE	2	0673	KEG TAVEREN	1
0585	KEEPING BILLIARD ROOM	1	0674	KH & CROCKERY STORE	1
0586	KEEPING CAMP	1	0675	KH & STORE	1
0587	KEEPING CONF STORE	1	0676	KITCHEN FURNISHING STORE	1
0588	KEEPING DINING SALOON	1	0677	KNIT GOODS MANUFACTURER	1
0589	KEEPING DRY GOODS	4	0678	L?? DEALER	1
0590	KEEPING HOUSE & SALOON	1	0679	LACE & BUCKSKIN MANUFACTU	1
0591	KEEPING LIQUOR STORE	2	0680	LACE DEALER	2
0592	KEEPING MEAT STORE	1	0681	LACE IMPORTER	1
0593	KEEPING MILL	1	0682	LACE MANF.T	1
0594	KEEPING MILLINERS STORE	2	0683	LACE STORE	1
0595	KEEPING STORE	38	0684	LAGER BEER SALOON	15
0596	KEEPS 2D HAND STORE	1	0685	LAGER BIER DEALER	1
0597	KEEPS ?SEA GROCERY	1	0686	LAMP STORE	2
0598	KEEPS A BUTTER STORE	1	0687	LASH & BLIND MANF	1
0599	KEEPS A CANDY SHOP	1	0688	LAST MANF	1
0600	KEEPS A CONFECTIONARY	2	0689	LAUNDRY PROPRIETOR	1
0601	KEEPS A FEED STORE	1	0690	LAW PUBLISHER	1
0602	KEEPS A FLOWER SHOP	1	0691	LCE	1
0603	KEEPS A MALL GIN HOUSE	1	0692	LEAD MFR	1
0604	KEEPS A NEWS STAND	1	0693	LEATHER ? STORE	1
0605	KEEPS A RETAIL STORE DRY	1	0694	LEATHER DEALER	9
0606	KEEPS A STABLE	1	0695	LEATHER MERCHANT	5
0607	KEEPS A TEA STORE	1	0696	LETS FURN ROOMS	1
0608	KEEPS A TEN PIN ALLEY	1	0697	LICQORS	1
0609	KEEPS A TIN STORE	1	0698	LIGHTNING ROD DEALER	1
0610	KEEPS ALE HOUSE	1	0699	LIME BUSINESS	1
0611	KEEPS BAKERY	5	0700	LIME DEALER	1
0612	KEEPS BAR ROOM	1	0701	LIME KILN & STORE	1
0613	KEEPS BEER & LIQUOR SALOON	1	0702	LINEN MERCHANT	1
0614	KEEPS BEER SALOON	4	0703	LIQUOR MERCHANT	1
0615	KEEPS BIER STORE	1	0704	LIQUOR BUSINESS	4
0616	KEEPS BILLIARD HALL	1	0705	LIQUOR DEALER	56
0617	KEEPS BOAT HOUSE	1	0706	LIQUOR DEALER RETAIL	1
0618	KEEPS BOOT STORE	1	0707	LIQUOR IMPORTER	1
0619	KEEPS CANDY STORE	2	0708	LIQUOR MANUFACTURER	1
0620	KEEPS CIGAR STORE	2	0709	LIQUOR MCHT	4
0621	KEEPS CLOTHING STORE	3	0710	LIQUOR SALOON	1
0622	KEEPS COAL AND WOOD YARD	1	0711	LIQUOR STORE	9
0623	KEEPS CONFECTIONARY STORE	1	0712	LIQUORS	2
0624	KEEPS DISTILERY	1	0713	LIVE STOCK COM MER	1
0625	KEEPS DRUG STORE	2	0714	LIVERY & CITY MARSHALL	1
0626	KEEPS DRY GOOD STORE	4	0715	LIVERY & SALES STABLE	1
0627	KEEPS EXCHANGE STORE	1	0716	LIVERY BUSINESS	3
0628	KEEPS FANCY GOODS STORE	1	0717	LIVERY STABLE	36
0629	KEEPS FOUNDRY	1	0718	LIVERY STABLE OWNER	1
0630	KEEPS FRUIT STORE	1	0719	LOAN BROKER	1

0720	LOAN COMMISSIENER	1	0809	MANUFACTURES WHITE GOODS	1
0721	LOANING MONEY	2	0810	MANUFACTURING NAVAL STORE	1
0722	LONE AGT	1	0811	MANUFACUTER OF TINNINGS	3
0723	LOTTERY DEALER	1	0812	MANUFATURE STONE WORK	1
0724	LUBRICATING OIL MANF	1	0813	MARBLE DEAE LR AND CUTTER	1
0725	LUMBE DEALER	1	0814	MARBLE DEALER	12
0726	LUMBER & BARK DEALER	1	0815	MARKET	1
0727	LUMBER & COAL DEALER	1	0816	MARKET MAN	12
0728	LUMBER BUSINESS	5	0817	MARKETING	1
0729	LUMBER CONTRACTOR	3	0818	MASTER BUILDER	2
0730	LUMBER DEALER	62	0819	MASTER G R R TRANSPORTATION	1
0731	LUMBER MANUFACTURER	11	0820	MASTER OF RR DEPOT	1
0732	LUMBER MERCHANT	18	0821	MATCH MANUFACTR	2
0733	LUMBERMAN RETAIL	1	0822	MATRON OF HOTEL	1
0734	LUMBOR JOBBER	1	0823	MATTRESS MANF	1
0735	LUNCHEN DEALER	1	0824	MBR/FIRM/CL SHAMBAUGH&S GENL STORE	1
0736	M AND R LIQUOR DEALER	1	0825	MEAT & FISH MARKET	1
0737	M'FACTR OF CLOVER HULLERS	1	0826	MEAT BUYER	1
0738	MACHINE SHOP OWNER	1	0827	MEAT DEALER	2
0739	MACHINERY MANF	3	0828	MEAT MARKET	10
0740	MACHINERY MERCHANT	1	0829	MEDICAL MANF	1
0741	MAIL CONTRACTOR	1	0830	MER. & TINNER	1
0742	MANAFCAT POTTERY	1	0831	MERCANTILE	1
0743	MANAGEN RESTURANT	1	0832	MERCANTILE BROKERAGE	1
0744	MANAGER	7	0833	MERCHANDISE BROKER	2
0745	MANAGER AT SCAR SHOPS	1	0834	MERCHANDISING	13
0746	MANAGER AT TANNERY	1	0835	MERCHANT	620
0747	MANAGER COTTON MILL	1	0836	MERCHANT & ? P.M.	1
0748	MANAGER IN BRASS	1	0837	MERCHANT & FARMER	9
0749	MANAGER IN SAW MILL	1	0838	MERCHANT & GROCER PROVISION & GRAIN	1
0750	MANAGER IN TOBACCO FACTOR	1	0839	MERCHANT & MILL MAN	1
0751	MANAGER LIME KILN CO	1	0840	MERCHANT & MILLER	1
0752	MANAGER LINE OF OMNIBUSES	1	0841	MERCHANT & PLANTER	1
0753	MANAGER OF ? PHOENI?HILL	1	0842	MERCHANT (GROCER)	4
0754	MANAGER OF ARGUS PRINTING COMPANY	1	0843	MERCHANT ? TURTINEY	1
0755	MANAGER OF CRONWALL OR! BANK	1	0844	MERCHANT BEN?	1
0756	MANAGER OF OPERA HOUSE	1	0845	MERCHANT GENL MDSE	1
0757	MANAGER OF PRINT WORKS	1	0846	MERCHANT GROCER	1
0758	MANAGER ROLLING MILL	1	0847	MERCHANT HARDWARE	1
0759	MANAGER STORE	1	0848	MERCHANT IN HYDES	1
0760	MANAGING H M CO	1	0849	MERCHANT WHOLESALE	1
0761	MANAJER FIRE INSURANCE	1	0850	MERCHANT. SIN	1
0762	MANF GLASS SIGN	1	0851	MESCENTIE	1
0763	MANF SEATHER BOOTS SHOES	1	0852	METAL DEALER	2
0764	MANF. OF ?BARELLS	1	0853	METTLE MERCHANT	1
0765	MANF. OF BELLOWES	1	0854	MFG IVORY TRIMMINGS	1
0766	MANF. PERFUMERY	1	0855	MFG OF WINE & VINEGAR	1
0767	MANFAC RET MEDICINE	1	0856	MFGS GENTS FURNUSH. GOODS	1
0768	MANUFACTURER OF HAND RAKES	1	0857	MFGS PRINTERS INK ROLLERS	1
0769	MANFR OF STONE	1	0858	MFR OF TYPE	1
0770	MANFR OF WOOLEN G	3	0859	MFR. GED. SPRINGS	1
0771	MANFR OF YARNE	1	0860	MFRER HARDWARE	1
0772	MANFT BUTTER & CHEESE	1	0861	MILK BUSINESS	4
0773	MANFTNG TOBACCO	6	0862	MILK STORE	2
0774	MANUF LUMBER	2	0863	MILL CONTRACTOR	1
0775	MANUF OF WOOD PULP	1	0864	MILL OWNER	3
0776	MANUF REFRIGATORS	1	0865	MILL SUPRENDINDENT	1
0777	MANUF STORE & HDW	1	0866	MILLINE STORE	3
0778	MANUFAC ?JARDES	1	0867	MILLINERY GOODS	1
0779	MANUFAC DRY PAINT	1	0868	MILLINERY STORE	3
0780	MANUFAC OF ENNGG CHEMIST	1	0869	MINE CONTRACTOR	2
0781	MANUFAC.R OF WARPS	1	0870	MINE OWNER	2
0782	MANUFACT OF AGRICULT IMPL	2	0871	MINE SUPERT	4
0783	MANUFACT OF DRESS TRIMMIN	1	0872	MINING BUSINESS	1
0784	MANUFACT. OF SHIRTS.	1	0873	MINING SECRETARY	2
0785	MANUFACTOR OF BOBBIN	1	0874	MINING SECTY	3
0786	MANUFACTURE OF WOLLEN{WOOLEN} GOODS	1	0875	MINING SPECULATOR	1
0787	MANUFACTURE WADDING	1	0876	MINING STOCK BROKER	1
0788	MANUFACTURER	46	0877	MNF FANNING MILLS	1
0789	MANUFACTURER ?SPIRALETTETUT PIPE	1	0878	MNF OF CLOTHING	1
0790	MANUFACTURER BED SPRINGS	1	0879	MODISTE	1
0791	MANUFACTURER IN MOWING MACHINES	1	0880	MONEY BROKER	2
0792	MANUFACTURER OF ???TUS	1	0881	MONEY LOANER	4
0793	MANUFACTURER OF AGRICUL	1	0882	MONUMENT DEALER	1
0794	MANUFACTURER OF FOLDING BEDS	1	0883	MUSIC DEALER	7
0795	MANUFACTURER OF HEAVY	1	0884	MUSIC PUBLISHER	1
0796	MANUFACTURER OF MEDICINE	2	0885	MUSIC STORE	2
0797	MANUFACTURER OF OIL	3	0886	MUTTER STORE	1
0798	MANUFACTURER OF PICTURE	2	0887	NEW AGENT	1
0799	MANUFACTURER OF PICTURE FRAMES	1	0888	NEWS AGENT	9
0800	MANUFACTURER OF SHOE POLISHING	1	0889	NEWS DEALER	15
0801	MANUFACTURER OF SINK	1	0890	NEWSPAPER PROP	1
0802	MANUFACTURER OF STAVES	1	0891	NEWSPAPER PUBLISHER	5
0803	MANUFACTURER OF TRIPE	1	0892	NOTE BROKER	1
0804	MANUFACTURER OF WOODEN	1	0893	NOTION BUS.	1
0805	MANUFACTURER PASTE	1	0894	NOTION BUYER	1
0806	MANUFACTURER SODA WATER	1	0895	NOTION MERCHANT	2
0807	MANUFACTURER/STONEWARE-ENGINES &C	1	0896	NOTION STORE	4
0808	MANUFACTURES LINEN	1	0897	NOTIONS	1

0898	NOVELTY ????? COMPANY	1	0987	PROP OF PLANING MILL	2
0899	NOVELTY DEALER	1	0988	PROP OF SHIRT FACTY	1
0900	OAR MANFACTURE	1	0989	PROP'R. OF POTTERY	1
0901	OIL AGENT	1	0990	PROP. ELEVATOR & FLOURING MILL	1
0902	OIL BROKER	1	0991	PROP. OF WOOLEN MILL	2
0903	OIL BUSINESS	2	0992	PROP.R OF MINE	1
0904	OIL CLOTHING MANFC	1	0993	PROPIETER NY TEA & COFFEE CO	1
0905	OIL DEALER	5	0994	PROPR CIGAR STORE	1
0906	OIL EXCHANGE	2	0995	PROPR GENL STORE	1
0907	OIL MERCHANT	5	0996	PROPR LIQUOR SALOON	1
0908	OIL WELL CONTRACTOR	1	0997	PROPREITOR OF COFFEE FACTORY	1
0909	OLD CLOTHES DEALER	1	0998	PROPREITOR OF OPERA HOUSE	1
0910	ORE CONTRACT	1	0999	PROPRIETOR	5
0911	ORGAN DEALER	1	1000	PROPRIETOR BREWERY	1
0912	ORGAN MNFG	3	1001	PROPRIETOR COAL SHIP	1
0913	OSTER DEALER (BROKER)	1	1002	PROPRIETOR OF FLOUR MILL	1
0914	OWNER OF STEAM FERRY LINE	1	1003	PROPRIETOR OF MILL	1
0915	OWNES PLANING MILL	1	1004	PROPRIETOR OF SALOON&REST	1
0916	OWNS CAR WORKS	1	1005	PROPRIETOR OF SAW MILL	6
0917	OWNS HOUSING LORDS	1	1006	PROPRIETOR OF SEITZ HOUSE	1
0918	OWNS MILLINERY STORE	1	1007	PROPRIETOR OF WOODEN WARE	1
0919	OWNS SAW MILL	5	1008	PROPRIETOR SALOON	1
0920	OWNS SHINGLE MILL	1	1009	PROPRIETOR/EDITOR "BENHAMS MONTHLY"	1
0921	OYSTER DEALER	12	1010	PROPRIETRESS	1
0922	OYSTER MERCHANT	1	1011	PROPRIETRESS OF A GENTS FURNISHING	1
0923	PAIL MANUFACTURE	1	1012	PROPT BAR ROOM	1
0924	PAINT & OIL STORE	1	1013	PROPT OF LIVERY STABL	1
0925	PAINT MANUFACTURER	2	1014	PROPT RESTAURANT	1
0926	PAINT STORE	3	1015	PROVISION	2
0927	PAPER BOX MANUFACTURER	7	1016	PROVISION DEALER	22
0928	PAPER BROKER	1	1017	PROVISION ESTAB	1
0929	PAPER DEALER	4	1018	PROVISION MERCHANT	1
0930	PAPER MANUFACTURER	9	1019	PROVISION STORE	1
0931	PAPER MERCHANT	2	1020	PROVISIONS	3
0932	PAPER MILL SUPT	1	1021	PUB MILLS DAILY POST	1
0933	PAPER STORE	1	1022	PUBLICAN	1
0934	PARTNER GREAT MILL Q	1	1023	PUBLISHER	18
0935	PAWN BROKER	5	1024	PUBLISHER MUSIC	1
0936	PEANUT DEALER	2	1025	PUMP MANUFACTURER	3
0937	PIANO DEALER	3	1026	R CLOTHIER	1
0938	PIANO MAN'F	2	1027	R D IN HARNS	1
0939	PICTURE FRAME DEALER	1	1028	R GROCER AND SALOON	1
0940	PICTURE FRAME MARKET & STORE	1	1029	R R ? CONTRACTOR ?	6
0941	PIE BUSINESS	2	1030	R R EMPLOYER	4
0942	PIKE CONTRACTOR	1	1031	R R PAYMASTER	1
0943	PILL BOX MANUFACTURER	1	1032	R R PRESIDENT	1
0944	PIPE MANFACTURER	1	1033	R R ROAD MASTER	1
0945	PIPE MFD.	1	1034	R R STORE KEEPR	1
0946	PISTEL MANUFACTURE	1	1035	R R SUPERINTENDENT	3
0947	PLOW MANUFACTURE	1	1036	R R SUPERVISOR	1
0948	POP MANUFACTURER	2	1037	R R YARD MASTER	3
0949	POPOTOR STEEL ?? BARN	1	1038	R.E. TRADER	1
0950	PORT STOREKEEPER	1	1039	RAG & IRON DEALER	1
0951	POST TRADER	1	1040	RAG DEALER	8
0952	POT ASH MANUFCTR	1	1041	RAG MER	1
0953	POTTERY DEALER	1	1042	RAG STORE	1
0954	POULTRY MAN	1	1043	REAIL CONFECTIONER	1
0955	POWDER KEG MFR.	1	1044	RECEIVER PEOPLES BANK+IN REAL	1
0956	PRES FIRE MARINE INSURANCE	1	1045	REFRIGERATOR MFR	1
0957	PRES MACHINE CO	1	1046	RENTS HOUSES	1
0958	PRES. GEISER COMP.	1	1047	RESTAURANT	51
0959	PRES. FIRE INS. CO.	1	1048	RESTAURANT & LODING	1
0960	PRES. N.Y. NEWS CO.	1	1049	RESTAURANT KEEPER	57
0961	PRES. S.M. CO	1	1050	RESTERANTER	2
0962	PRES.DT OF 4.TH NAT BK	1	1051	RESTERANUT SUPT OF BILLIARD PARLORS	1
0963	PRES.D. INS COMPANY	4	1052	RET LIQ DEALER	1
0964	PRES.D. SAVING FUND	1	1053	RET STATIONARY	1
0965	PRESIDENT N.S.R.S. CO	1	1054	RETAIL ? HATTES	1
0966	PRESIDENT OF ASBESTOS PBO	1	1055	RETAIL ?MILLNEY	1
0967	PRESIDENT OF BANK	1	1056	RETAIL BAR DEALER	1
0968	PRESIDENT OF NAT BK	1	1057	RETAIL BOOT-SHOE	2
0969	PRESIDENT OF TELEPHONE CO	1	1058	RETAIL BUTCHER STORE	1
0970	PRESIDENT YUN WO COMPANY	1	1059	RETAIL C???TY STORE	1
0971	PRINTER & PUBLISHER	1	1060	RETAIL CIGAR DEALER	3
0972	PRO. OF FOUNDRY	1	1061	RETAIL CONFECTIONARY	2
0973	PRODUCE	4	1062	RETAIL DEARER DRY GOODS	1
0974	PRODUCE B	2	1063	RETAIL DEALER IN CANDIES	1
0975	PRODUCE COMMISSION	1	1064	RETAIL DEALER IN MEAT	3
0976	PRODUCE COMMISSION MER	1	1065	RETAIL DRUG STORE	2
0977	PRODUCE COMMISSION MGR.	1	1066	RETAIL DRY GOOD MAN	1
0978	PRODUCE CORN MERCH	1	1067	RETAIL DRY GOOD STORE	1
0979	PRODUCE DEALER	22	1068	RETAIL DRY GOODS	10
0980	PRODUCE EXCHANGE	1	1069	RETAIL DRY GOODS MERCHANT	4
0981	PRODUCE MERCHANT	8	1070	RETAIL FANCY STORE	1
0982	PRODUCE STORE	2	1071	RETAIL FARM GOODS DEALER	1
0983	PROF MEAT MARKET	2	1072	RETAIL FLOUR & FEED	1
0984	PROP LIVERY	2	1073	RETAIL FLOWRS	1
0985	PROP MARBLE WORK	1	1074	RETAIL FRUIT DEALER	1
0986	PROP OF BRICK YARD	1	1075	RETAIL FURNITURE	1

1076	RETAIL GERNAL STORE	1	1165	SECY OF WOOLEN MANUF. CO	1
1077	RETAIL GRAINS	1	1166	SECY RAILWAY SUP MIES CO.	1
1078	RETAIL GROCER	272	1167	SEED & HERB DEALER	1
1079	RETAIL GROCER & DRY GOODS MERCHANT	1	1168	SEED STORE	1
1080	RETAIL GROCER, DRUGGIST,	1	1169	SEGAR BUS	1
1081	RETAIL HARDWARE	2	1170	SEGAR STORE	12
1082	RETAIL JEWELRY STORE	1	1171	SELLS COAL	1
1083	RETAIL LIQUOR & C	2	1172	SEWER CONTRACTOR	1
1084	RETAIL LIQUOR DEALER	10	1173	SEWING MACHIND MAN.FR	1
1085	RETAIL LIQUOR STORE	2	1174	SHINGLE MAN'FR.	2
1086	RETAIL LIQUORS	6	1175	SHINGLE MFG	1
1087	RETAIL MAN	1	1176	SHIP BROKER	4
1088	RETAIL MEAT MARKET	1	1177	SHIP CHANDLER	5
1089	RETAIL MERCHANT	17	1178	SHIP MERCHANT	1
1090	RETAIL NOTION DEALER	1	1179	SHIPBROKER	1
1091	RETAIL NOTION STORE	1	1180	SHIPPING MERCHANT	2
1092	RETAIL NOTIONS	2	1181	SHIRT DEALER	1
1093	RETAIL OF OIL	1	1182	SHIRT MANUFACTURE	4
1094	RETAIL POULTRY	1	1183	SHOE BUSINESS	1
1095	RETAIL PROVISION DEALER	1	1184	SHOE DEALER	16
1096	RETAIL PROVISIONS	1	1185	SHOE FINDING BUSINESS	1
1097	RETAIL SEGAR STORE	1	1186	SHOE MANUFACTURER	29
1098	RETAIL SHOE DEALER	2	1187	SHOE MERCHANT	8
1099	RETAIL SHOE STORE	3	1188	SHOE STORE	10
1100	RETAIL SHOES & BOOTS	1	1189	SHOP KEEPER	3
1101	RETAIL STATIONER	1	1190	SIGAR MAKER TRADE	1
1102	RETAIL STORE DEALER	1	1191	SIGAR MANUF & SALOON	1
1103	RETAIL STORE KEEPER	1	1192	SILK MANUFACTURE	2
1104	RETAIL TIN MERCHANT	1	1193	SILVERWARE COMMISSION	1
1105	RETAIL UPHOLSTERY GOODS	1	1194	SMALL FRUIT GROCER	1
1106	RETAIL WHISKEY	2	1195	SMALL VARIETY SHOP	1
1107	RETAILING HARDWARE	1	1196	SOAP DEAL	1
1108	RETIAL GROCER & BUTCHER	1	1197	SOAP MANUFACTUR	4
1109	REVENUE OFFICER	1	1198	SOAP MFG	5
1110	RICE BROKER	1	1199	SODA SHOP	1
1111	RIFLE MANUFACTURE	1	1200	SOLE MANUFACTURE	1
1112	RIST KEEPER	1	1201	SPECULATION ???	1
1113	ROACH POWDER MFR	1	1202	SPECULATOR	15
1114	ROAD BUILDER	1	1203	SPECULATOR IN GRAIN	1
1115	ROAD CONTRACTOR	2	1204	SPECULATOR IN MINES	4
1116	ROAD MASTER	2	1205	SPECULATOR IN STOCK	1
1117	ROAD MASTER C.R.R.	1	1206	SPICE MANF	1
1118	ROAD MASTER ON RR.	2	1207	SPRING MANUFACTUR	3
1119	ROOT BEER MANUFACTURING	1	1208	SPRINGHD MAFT	1
1120	ROPER MANUFACTURE 6	1	1209	STABLE	1
1121	RR CONTRACTOR	6	1210	STABLE KEEPER & CITY OFFICER	1
1122	RR PRESIDENT	1	1211	STABLE PROPRIETOR	2
1123	RT DEAL IN HARNS	1	1212	STARCH MANUFACTURER	1
1124	RUN COTTON MILL & FARM	1	1213	STATIONARY MANUFACTURER	1
1125	RUNNING BUTTER FACTORY	1	1214	STATIONARY STORE	2
1126	RUNNING POOL TABL	1	1215	STEAM ENGINE & GEN. MACH. MANUFACTU	1
1127	RUNNING SAW MILL	12	1216	STEEL MFCTR	1
1128	RUNS BILLIARD HALL	1	1217	STEEL SPRING MFGR.	1
1129	S? STONE	1	1218	STOCK BROKER	25
1130	SALOON	54	1219	STOCK COMMISSION	1
1131	SALOON & BILLIARDS	1	1220	STOCK HOLDER	2
1132	SALOON & BOARDING	2	1221	STOCK MERCHANT	1
1133	SALOON & BOARDING HOUSE	1	1222	STOCK TRADER	5
1134	SALOON & EATING HOUSE	1	1223	STOCKTRADER	1
1135	SALOON & HOTELL	1	1224	STONE BROKER	1
1136	SALOON & RESTAURANT	1	1225	STONE BUSINESS	1
1137	SALOON AND ?DANGIE DEALER GRAIN	1	1226	STONE DEALER	1
1138	SALOON KEEPER	383	1227	STONE MASON BOSS	1
1139	SALOON KEEPER (LIQ.)	1	1228	STONE WARE MERCHT	1
1140	SALOON KEEPER + BARBER SHOP	1	1229	STONEWARE MAN	1
1141	SALOON PROPRIETOR	2	1230	STORE	1
1142	SALOONHOLDER	1	1231	STORE & SALOON KEEPER	1
1143	SALOONIST	10	1232	STORE & TIN STORE	1
1144	SALT MANUF.R	2	1233	STORE DEALER	1
1145	SAND MERCH	1	1234	STORE KEEPER	49
1146	SASH MANUFACTURE	1	1235	STORE KEEPER & P M	1
1147	SAUSAGE MFG	1	1236	STORE KEEPING	3
1148	SCHOOL FURNITURE MANUFACTURER	1	1237	STORE MAKER	1
1149	SCREW MANUFACT	1	1238	STORE MANUFACTUR	1
1150	SCYTHE MANUFAC'TR	1	1239	STOVE & TIN DEALER	1
1151	SEA BROKER	1	1240	STOVE DEALER	8
1152	SEA MERCHANT	1	1241	STOVE DEALLER	1
1153	SEC FIRE INSURANCE CO	1	1242	STOVE JOBBER	1
1154	SEC KAS. MANG CO	1	1243	STOVE MERCHANT	2
1155	SEC OF M?? EXCHANGE	1	1244	STOVE STORE	1
1156	SEC OF TELEPHONE CO	1	1245	STOVE STOVE	1
1157	SECON HAND STORE	2	1246	STRAW GOODS MANUFACTURER	1
1158	SECOND HAND D	1	1247	STREET CONTRACTOR	3
1159	SECTY & TREAS MOR CON???TIN	1	1248	SUB CONTRACTOR RR.-	1
1160	SECTY + TREAS KUNNERSAND MILLS CO	1	1249	SUCH DEALER	2
1161	SECTY OF COM. CO	1	1250	SUGAR BROKER	2
1162	SECY OF MANFG CO	1	1251	SUGAR MARKET	1
1163	SECY OF NY STEAM CO	1	1252	SUP BAY CITY RR	1
1164	SECY OF SILK MILL	1	1253	SUP COTTON MILL	1

1254	SUP GRIST MILL	1	1343	TIN BUSINESS & C	1
1255	SUP R.R.	1	1344	TIN DEALER	2
1256	SUP TELEGRAPH LINE	1	1345	TIN GOODS MANUFACTURE?	1
1257	SUP'T GAS WORKS	1	1346	TIN MANUF & RAG JOBBER	1
1258	SUP'T MINE	4	1347	TIN MANUFACTURER	1
1259	SUP'T QUARTZ MILL	1	1348	TIN TOY MKR	1
1260	SUP'T TILE FAC.	1	1349	TOB MANUFACTURE	2
1261	SUP-WATER WORKS	1	1350	TOB. DEALER	1
1262	SUP.DT PRINTING HOUSE	1	1351	TOBACCO & CIGARS	1
1263	SUP.T COTTON COMPRESS	1	1352	TOBACCO BROKER.	1
1264	SUP.T FLOOR ? MFG	1	1353	TOBACCO DEALER	6
1265	SUP.T UNION DEPOT	1	1354	TOBACCO MERCHANT	12
1266	SUPD.T OMNIBUS LINE	1	1355	TOBACCO STORE & HOMEOPATHIC VIALS	1
1267	SUPER VISOR BUILDER ROAD	1	1356	TOBACCO WHOLE S.	1
1268	SUPERANTENDENT-COTT MILL	2	1357	TOBACCONIST	48
1269	SUPERDENDENT OF GLASS WORK	1	1358	TOBACCONIST & GRAVE DEALER	1
1270	SUPERENDENT	3	1359	TOOL COMPANY	1
1271	SUPERINTEND COTTON MILL	2	1360	TOY STORE	2
1272	SUPERINTENDANT	3	1361	TRADER	24
1273	SUPERINTENDANT IN PAPER MILL	1	1362	TRADER & MERCHANT	1
1274	SUPERINTENDANT OF BRICK WORKS	1	1363	TRADER (GENERAL)	1
1275	SUPERINTENDANT OF MACHINERY OF	1	1364	TRADER + CONSTRUCTOR	1
1276	SUPERINTENDENT ? ST LINE	1	1365	TRADER OF PATENTS	1
1277	SUPERINTENDENT OF	2	1366	TRADES IN TIN WARE	1
1278	SUPERINTENDENT OF F	1	1367	TRAIN MASTER	2
1279	SUPERINTENDT CEMETRY	1	1368	TREAS MET SVNG BANK	1
1280	SUPERTENDENT IN ? WOODSTOVE !! CO	1	1369	TREASR LINEN CO	1
1281	SUPERVISOR	1	1370	TREASUR OF ?AM CO.	1
1282	SUPERVISOR + ROAD MASTER	1	1371	TREASURER OF COTTON MILL	1
1283	SUPR. DIVISION ON R.R.	1	1372	TREASURER OF SAVING BANK	2
1284	SUPT ? ? ? R. RR	1	1373	TREE DEALER	1
1285	SUPT ? WATER WORKS	1	1374	TRIMMING STORE	7
1286	SUPT AUGER WORKS	1	1375	TRIMMINGS & NOTIONS	1
1287	SUPT BRIDGE BUILDING	1	1376	TRUCK DEALER	3
1288	SUPT CAR SHOPS PRR---	1	1377	TRUCK STORE	2
1289	SUPT COAL MINER	1	1378	TRUNK MANFG	1
1290	SUPT DISTILLERY	1	1379	TRUSTEE	1
1291	SUPT GAS W	2	1380	TUG OWNER	1
1292	SUPT GAS WORKS	2	1381	TURFMAN	1
1293	SUPT H LOCOMOTION WORKS	1	1382	TURPENTINE MANUFACTURER	1
1294	SUPT HRR	1	1383	UMBRELLA BUSINESS	1
1295	SUPT IN ? FURNITURE FAC	1	1384	VARIETY DEALER	1
1296	SUPT MARBLE QUARRY	1	1385	VARIETY STORE	9
1297	SUPT OF CATTIL TDE.	1	1386	VEST MANFACTURE	2
1298	SUPT OF DRIVING PARK	1	1387	VICTUALLER	6
1299	SUPT OF LOS ANGELES GAS WORKS	1	1388	VINAGER MANUFACTORY	1
1300	SUPT OF MILL	1	1389	VINEGAR MFR	2
1301	SUPT OF MINING	1	1390	W OIL DEALER	1
1302	SUPT OF PRINT WORKS	2	1391	WAGON MANF	4
1303	SUPT OF SAW MILL	1	1392	WAIST & RAG DEALER	1
1304	SUPT PEN TOOL COM	1	1393	WASCHBOORD MANUF	1
1305	SUPT PIPE LINE	1	1394	WASHER BUSINESS	1
1306	SUPT PLACER MINE	1	1395	WATCH CAN MANUF	1
1307	SUPT QUARRY	1	1396	WATER MAN OR A DEALER IN WATER SUPP	1
1308	SUPT RULER FACTORY	1	1397	WATER MASTER	1
1309	SUPT ST ELIZABETH ASYLUM	1	1398	WH SALE DEALER IN OYSTERS	3
1310	SUPT STOCK YARDS	1	1399	WHARF BUILDER	8
1311	SUPT SUGAR WORKS	1	1400	WHEEL SPOKE MANUFACTURER	1
1312	SUPT TELEGRAPHY	1	1401	WHISKEY MERCHANT	1
1313	SUPT UMBRELLA ? EST	1	1402	WHOELSALE GROCER	1
1314	SUPT WIRE WORKS	1	1403	WHOL DRY GOODS	1
1315	SUPT WOOLEN MILL	1	1404	WHOL GROCERY STORE	1
1316	SUPT. BOILER WORKS.	1	1405	WHOLESALE & RETAIL GROCER	1
1317	SUPT. CAR WORKS	1	1406	WHOLESALE BUTTER DEALER	1
1318	SUPT. COAL MINES	1	1407	WHOLESALE CHARI	1
1319	SUPT. OF CEMENT MILL	1	1408	WHOLESALE CLOTHIER	1
1320	SUPT. UTUL WORKS.	1	1409	WHOLESALE CLOTHING	2
1321	SUPT.S R.&R SHOPS	1	1410	WHOLESALE CLOTHING MERCHANT	1
1322	SURVAYER CAPITALIST	1	1411	WHOLESALE COAL	1
1323	SYNCH MNF.R	1	1412	WHOLESALE DEALER IN DRUGS	1
1324	TACK MANUFATOR	1	1413	WHOLESALE DEALER IN SYRUP	1
1325	TAILOR STORE	2	1414	WHOLESALE DEALER IN TOBAC	1
1326	TAVERN	3	1415	WHOLESALE DRUGGIST	3
1327	TAVERN KEEPER	15	1416	WHOLESALE DRY G MERCHANT	2
1328	TEA BOOKER	1	1417	WHOLESALE DRY GOOD	1
1329	TEA BROKER	1	1418	WHOLESALE DRY GOOD DEALER	1
1330	TEA BUSINESS	1	1419	WHOLESALE DRY GOODS	2
1331	TEA DEALER	3	1420	WHOLESALE FISH DEALER	1
1332	TEA IMPORTER	1	1421	WHOLESALE GRO MERCHT	1
1333	TEA MERCHANT	5	1422	WHOLESALE GROCER	17
1334	TELEPHONE CONTRACTOR	1	1423	WHOLESALE GROCER & IRON	1
1335	TENT & AWNING DEALER	1	1424	WHOLESALE HARDWARE	1
1336	TETAIL DEALER IN ICE	1	1425	WHOLESALE HAT STORE	1
1337	TIE CONTRACTOR	1	1426	WHOLESALE IN GUNS	1
1338	TILE MANUFACTURE	1	1427	WHOLESALE LIQUOR	4
1339	TILE MANUFACTURER	1	1428	WHOLESALE LIQUOR DEALER	5
1340	TIMBER DEALER	4	1429	WHOLESALE LIQUOR STORE	1
1341	TIMBER MERCHANT	1	1430	WHOLESALE MILLINERY	1
1342	TIN & STONE DEALER	1	1431	WHOLESALE NOTION	1

1432	WHOLESALE OIL DEALER	1	0041	AGT FOR MINING CO	1
1433	WHOLESALE PAINTS & OILS	1	0042	AGT FOR ORGANS + PIANOS	1
1434	WHOLESALE PAINTS ??	1	0043	AGT FOR SHOES	1
1435	WHOLESALE PAPER STORE	2	0044	AGT FOR TEA HOUSE	1
1436	WHOLESALE SQ DEALER	1	0045	AGT FOR THRESHING MACHINERY	1
1437	WHOLESALE STATIONARY	1	0046	AGT FOR YEST CO	1
1438	WHOLESALE TOBACCO	1	0047	AGT FROM COAL CO	1
1439	WHOLESALE TOBACCO DEALER	1	0048	AGT LEADWKS	1
1440	WHOLESALE WHISKEY DEALER	2	0049	AGT OF PUBLISHING HOUSE	1
1441	WHOLESALE BUTCHER	1	0050	AGT OPTICAL INST	1
1442	WHOLESALE CLOTHIER	1	0051	AGT PR AND ARW	1
1443	WINDOW SHADES M.FT	1	0052	AGT SPRING BED	1
1444	WINE AND LIQUORS WHOLESAL	1	0053	AGT. OF ELECT. MAG.	1
1445	WINE DEALER	2	0054	AGTN FOR IRON WORKS	1
1446	WINE HOUSE	1	0055	APPRAISER	1
1447	WINE MAKER	2	0056	BEER AGENT	1
1448	WINE MAKER AND DISTILLER	1	0057	COAL AGENT	3
1449	WINE MERCHANT	5	0058	COAL AGENT PENN COAL CO	1
1450	WINES	1	0059	COM. AGENT	4
1451	WINES & LIQUORS	1	0060	COMMERCIAL AGENT	8
1452	WIRTING DESK MFG	1	0061	COMMISSION AGENT	2
1453	WKS DRY GOODS STORE	1	0062	CONTRACTORS AGENT	1
1454	WOLESAL LIQUOR MKT	1	0063	COOPER AGT	1
1455	WOOD & COAL DEALER	6	0064	CROCKERY AG'T	1
1456	WOOD + COAL	2	0065	DRY GOODS AGT	1
1457	WOOD AND WILLOW WARE STORE	1	0066	ELEVATOR AGENT	1
1458	WOOD CONTRACTOR	1	0067	F? CAKE AGENT	1
1459	WOOD DEALER	12	0068	FIRE ARM AGENT	1
1460	WOOD W. WARE MCHT.	1	0069	GEN MCH AGENT	1
1461	WOOL BUSINESS	1	0070	GEN'L AG'T OF IRON CO	1
1462	WOOL DEALER	9	0071	GEN'L AGT FOR WIND MILLS	1
1463	WOOL MANUFACTURER	2	0072	GENL AGT PLOW WORK	1
1464	WOOL MERCHANT	2	0073	GIS AGENT	1
1465	WOOL MILL MARKET	1	0074	GLOVE AGENT	1
1466	WOOL SPECULATOR	1	0075	HAIR TRAVELING AGT	2
1467	WOOLEN MANUFAC	3	0076	IRON AGENT	2
1468	WOOLEN MANUFACTURER	4	0077	LACE AGENT	1
1469	WOOLEN WARE	1	0078	LAGER BIER AGENT	1
1470	WOOLEN YARN MANUFCTR	1	0079	LIQUOR AGENT	2
1471	YANKEE NOTIONS	1	0080	MAP AGENT	1
1472	YARD MASTER	2	0081	MARBLE AGENT	1
1473	YARD MASTER R R	4	0082	MERCANTILE AGENCY	2
1474	YEAST MANUFACTURER	1	0083	MERCANTILE AGT	1
1475	ZEPHYR GOODS	1	0084	MFR.AGT. IMPLEMENTS LUMBE	1
1476	ZINC MANUFACTURER	1	0085	MILK AGNT	1
CLERICAL AND KINDRED WORKERS			0086	MUSIC AGENT	2
300 Agents, n.e.c.			0087	NURSERY AGENT	4
0001	?CLANN AGT	1	0088	PACKET AGENT	1
0002	?TEAMSTER AGENT	1	0089	PAINT AGENT	1
0003	?ULTMA? & MILLER S AGT	1	0090	PASS. AGT	1
0004	ADAMS & AGT	1	0091	PAT. WIRGHT AGT.	1
0005	AG'T FOR JOHN HALL	1	0092	PATENT AGENT	2
0006	AG'T OF TEL. CO	1	0093	PATENT RIGHT DEALER	1
0007	AGENT	31	0094	PENSION AGENT	1
0008	AGENT (BOOTS & SHOE)	2	0095	PIANO AGENT	1
0009	AGENT (GEN.L)	2	0096	PIPE LINE AGT	1
0010	AGENT ? MINING JOURNAL	1	0097	POWDER AGENT	1
0011	AGENT COLO STATE LOBRY	1	0098	QUEENSWARE AGT	1
0012	AGENT FOR ? SAWGUM	1	0099	R B AGT	1
0013	AGENT FOR BREWERY	1	0100	R C. AGENT	1
0014	AGENT FOR COL TAYLOR	1	0101	R R HAND AGENT	1
0015	AGENT FOR FANNIE MACLURNE	1	0102	RAIL R ACCDENT AGT	1
0016	AGENT FOR FLEMING	1	0103	ROUTE AGT P.O. DEPARTMENT	1
0017	AGENT FOR FLOUR	2	0104	SOAP AGENT	1
0018	AGENT FOR GROCER	2	0105	STATE AGENT FOR AG. IMPLEMENT A	1
0019	AGENT FOR GROCERY HOUSE	1	0106	STORE & BUSINESS AGENT	1
0020	AGENT FOR LIQUOR DEALER	1	0107	STORE KEEPER AGT. ?WELS F?O	1
0021	AGENT FOR PAINTS + OILS	1	0108	SUB. AGENT NEWS PAPIR	1
0022	AGENT FOR PRINTING ESTBL	1	0109	TEA AGT	1
0023	AGENT FOR PUB'G HOUSE	1	0110	TELEPHONE AGENT	2
0024	AGENT FOR STARTCH CO.	1	0111	TOBACCO AGT	2
0025	AGENT FOR WATER PUMP	1	0112	TOBACCONIST AGT.	1
0026	AGENT FOR WINE HOUSE	1	0113	TOMB STONE AGENT	1
0027	AGENT IN BRICKS	1	0114	TRAVELING AGENT	58
0028	AGENT MISCELANI? ARTICLES	1	0115	TRAVELING AGENT FOR POTTERY	1
0029	AGENT OF BELL TELEPHONE C	1	0116	TRAVELING AGENT WIFE + D AT PARK ?H	1
0030	AGENT ORGAN	1	0117	TRAVELING AGT. TINWARE	1
0031	AGENT PATTENT	2	0118	TRAVELLING AGT ? BED BUS	1
0032	AGENT PICTURE	2	0119	TREE AGENT	2
0033	AGENT SURGICAL INSTRUMENTS	1	0120	UPHOLSTERY AGENT	1
0034	AGT APPLETON WHEAT CO	1	0121	VESSEL AGENT	1
0035	AGT BUYS PEAK BREWERY	1	0122	W??? AGENT	1
0036	AGT DEALER	1	304 Baggage men, transportation		
0037	AGT FOR BOSLEY ESTATE	1	0001	BAGGAGE ?WORKER	1
0038	AGT FOR FILTONS	1	0002	BAGGAGE CH R.R.	1
0039	AGT FOR FLOUR MILL	1	0003	BAGGAGE M ON N ? ? RR	1
0040	AGT FOR J.R. FORD	1	0004	BAGGAGE MAN	5
			0005	BAGGAGE MAN MC RR	1
			0006	BAGGAGE MAS. M.C.R.R.	1

	0007	BAGGAGE MASTER	15		0001	BILL COLLECTOR	1
	0008	BAGGAGE MASTER ON RR	14		0002	COL & ADJUST OF A/C	1
	0009	BAGGAGE MASTER P R R	1		0003	COLLECTOR OF BILLS	4
	0010	BAGGAGE RR	3		0004	COLLECTOR FOR BREWERIE	2
	0011	R R BAGGAGE AGT	1		0005	COLLECTG AGENT	1
	0012	R R BAGGAGE M	1		0006	COLLECTOR	18
	0013	R R BAGGAGEMAN	3		0007	COLLECTOR FOR BANK	1
	0014	RECEIVER & DELIVERER OF BAGGAGE	1		0008	COLLECTOR FOR G??????? ??????	1
	0015	RR ASST BAGGAGEMAN	1		0009	COLLECTOR FOR RETAIL CLOTHES	1
	0016	S.P.R.R. BAGGAR MAN	1		0010	COLLECTOR FOR SINGER SEW MACH CO	1
	0017	TRAIN BAGGAGE AGT	1		0011	COLLECTOR FOR STORE	1
305		Bank tellers			0012	COLLECTOR OF MONEY	1
	0001	1ST TELLER IN BANK	1		0013	COLLECTOR PUB. HOUSE	1
310		Bookkeepers	13		0014	COLLECTOR SHIRT MANF	1
	0002	BANK TELLER	1		0015	COLLECTS FOR JOURNAL	1
	0001	ASS'T BOOK KEEPER	1		0016	ICE COMPAY COLLECTOR	1
	0002	BANK BOOKER KEEPER	1		0017	TOWN COLLECTOR	1
	0003	BOOK	1	322		Dispatchers and starters, vehicle	
	0004	BOOK CLERK	2		0001	CAR STARTER	2
	0005	BOOK KEEPER	580		0002	DESPATCHER	2
	0006	BOOK KEEPER & SALESMAN	1		0003	DESPATCHER ON R. R.	2
	0007	BOOK KEEPER FOR SHIPWRIGHT	1		0004	DISPATCHER OF TRAINS RR	1
	0008	BOOK KEEPER IN BANK	5		0005	GENERAL DISPATCH	1
	0009	BOOK KEEPER IN GAS OFFICE	1		0006	GENL DISPATCHER	1
	0010	BOOK KEEPER IN GROCERY	2		0007	TRAIN DESPATCHER	3
	0011	BOOK KEEPER IN LEATHER ST	1	325		Express mess., RR mail clerks	
	0012	BOOK KEEPER IN LUMBER YARD	1		0001	EX MESSENGER	6
	0013	BOOK KEEPER IN MILL	2		0002	EXPRESS OFFICER	1
	0014	BOOK KEEPER IN MILLINERY STORE	1		0003	MESS IN AM EXP OFF	1
	0015	BOOK KEEPER IN OYSTER HOUSE	1		0004	POSTAL CLERK R R	1
	0016	BOOK KEEPER IN PAP. MFG	1		0005	POSTAL CLERK R R PACIFIC	1
	0017	BOOK KEEPER IN STORE	4		0006	R.R. MAIL AGT	2
	0018	BOOK KEEPER R R	1		0007	RAIL R. MAIL SERVICE	1
	0019	BOOK KEEPER RUBR FACTY	1		0008	WORKS FOR EXPRESS CO	2
	0020	BOOK KEEPING	8	335		Mail carriers	
	0021	BOOK KEEPING & PENMANSHIP	1		0001	ASSISTNT MAIL CARRIE	1
	0022	BOOK KPR IN AN OFFICE	1		0002	LETTER CARRIER	21
	0023	BOOK KPR PAPER STORE	1		0003	LETTER CARRIER US	1
	0024	BOOK-KEEPER /ASS'T SEC'Y BOHEMIAN	1		0004	MAIL AGENT	11
	0025	BOOKKEEPER 6	1		0005	MAIL ASST	1
	0026	BOOKKEEPER IN A SHIPWRIGHT	1		0006	MAIL CARRIER	40
	0027	BOOKER	1		0007	MAIL CARRIER AND DRAYMAN	1
	0028	BOOKER WHOLESALE STORE	1		0008	MAIL MAN	1
	0029	BOOKKEEPER (FREIER PRESSE	1		0009	MAIL RIDER	2
	0030	BOOKKEEPER + CASHIER	1		0010	MAILD DRIVER	1
	0031	BOOKKEEPER BOILER WKS	1		0011	MAILER	1
	0032	BOOKKEEPER CARRIAG EMFG	1		0012	MALE AGENT	1
	0033	BOOKKEEPER FOR WOOLEN	1		0013	RIDES MAIL	3
	0034	BOOKKEEPER ICE	1		0014	RIDING U.S. MAIL	1
	0035	BOOKKEEPER IN LUMBER OFFI	1		0015	U. S. LETTER CARRIER	1
	0036	BOOKKEEPER IN SAW MILL	1		0016	U.S. MAIL AGENT	2
	0037	BOOKKEEPER IN STILL HOUSE	1		0017	U.S. MAIL CARRIER	1
	0038	BOOKKEEPER IN TAYLORS	1		0018	U.S. MAIL DRIVER	1
	0039	BOOKKEEPER NAT. ?? . BANK	1		0019	UNITED STATES MAIL	1
	0040	BOOKKEEPER ON B'K OF K.C.	1	340		Messengers and office boys	
	0041	BOOKKEEPER TEA CO	1		0001	BANK MESSENGER	1
	0042	BOOKKEEPER/WHOLE. GROCERY	1		0002	CITY MESSENGER	2
	0043	BOOKKEEPER ELEVATOR	1		0003	DELIVERY BOY	1
	0044	ENTRY CLERK	3		0004	DOES ERRAND	2
	0045	GEN. BOOK KEEPER	1		0005	ERRAND BOY	50
	0046	JEWELER SHOP BOOK KEEPER	1		0006	ERRAND BOY DRY GOODS	1
	0047	KEEPIN BOOKS FOR MANUFC	1		0007	ERRAND BOY FOR CAR FACTOR	1
	0048	KEEPING BOOK IN WARE HOUSE	1		0008	ERRAND BOY IN HAT FACTY	1
	0049	KEEPING BOOKS	6		0009	ERRAND BOY IN STORE	2
	0050	KEEPS BOOK FOR PLOUGH CO	1		0010	ERRAND BOY LOW OH	1
	0051	TREASURER & BOOK KEEPER	1		0011	ERRAND GIRL	7
	0052	WRKS ?G ?TDS BOOK KEEPER	1		0012	GRAND BOY	1
320		Cashiers			0013	MAIL BOY	1
	0001	?? CASHIER	1		0014	MAIL MESS. N. YARD	1
	0002	CASH BOY	16		0015	MESS WAR DEPT.	1
	0003	CASH BOY DRY GOODS	2		0016	MESSAGE BOY, A.D.T.	2
	0004	CASH BOY FANCY ST	2		0017	MESSANGER	20
	0005	CASH BOY IN STORE	4		0018	MESSANGER BOY	8
	0006	CASH BOY IN TRIMMING STORE	1		0019	MESSANGER P.O.D.	1
	0007	CASH GIRL	2		0020	MESSANGER PATENT OFFICE	1
	0008	CASH GIRL IN DRY GOODS	1		0021	MESSANGER SUPREME COURT	1
	0009	CASHIER	11		0022	MESSANGER WAR DEPT.	1
	0010	CASHIER + BK K IN ?MILLIN	1		0023	OFFICE BOY	20
	0011	CASHIER ADAMS EXPRESS CO	1		0024	OFFICE BOY IN DRY GOODS STORE	1
	0012	CASHIER BH	1		0025	OFFICE MESSENGR	1
	0013	CASHIER IN DRY GOODS STORE	3		0026	PAGE TO CITY COUNCIL	1
	0014	CASHIER IN FOUNDRY	1		0027	PARCEL BOY	1
	0015	CASHIER IN SHILLETTO'S DRY GOOD STOR	1		0028	RUNNER	1
	0016	CASHIER IN STORE	1		0029	RUNS ERRANDS	1
	0017	CASHIER TAG FACTORY	1		0030	STREET MESSENGER	1
	0018	CLERK IN EATING HOUSE	1	342		Shipping and receiving clerks	
	0019	CLERK IN RESTAURANT	7		0001	CLERK IN FREIGHT OFFICE	2
	0020	NEWSPAPER CASHIER	1		0002	CLERK IN R.R. FREIGHT OFF	1
321		Collectors, bill and account			0003	DOCK CLERK	1

0004	FORWARDING + ?COMMISSION	1	0035	R R DEPOT AGENT	61
0005	FREIGHT CLERK	3	0036	R R FREIGHT AGT.	2
0006	FREIGHT CLERK FT W R R	1	0037	R R STATION AGENT	1
0007	FREIGHT TRANSFER	1	0038	R R TICKET ACCT	11
0008	FREIGHTER	23	0039	R.R. CASHIER	9
0009	LUMBER SHIPPING CLERK	1	0040	R.R. CLERK & TICKET AGT	1
0010	PHIL R R ROAD FREIGHT	1	0041	R.R. STATION KEEPER	1
0011	R R FREIGHT CLERK	1	0042	ROUTE AGENT N/C	1
0012	R R RECEIVING CLERK	1	0043	RR STA. AGENT	1
0013	SHIPPER	3	0044	RR STATE AFT	1
0014	SHIPPER IN STORE	1	0045	RR TICKET AGENT	1
0015	SHIPPING	1	0046	STAGE AGT	5
0016	SHIPPING CLERK	25	0047	STATION AGENT	1
0017	SHIPPING CLERK IN CONFECTIONARY STO	1	0048	STATION AGENT & OPR.	13
0018	SHIPPING CLERK R R	2	0049	STATION AGT E R R	1
0019	SHIPPING CLK STORE FOUNDRY	1	0050	STATION OPATR	1
0020	SHIPPING CLK STORE BUS.	1	0051	STATIONARY CLK	1
0021	SHIPPING STOCK	1	0052	STATIONER	2
0022	SHIPS THUS. MA.	1	0053	STEAM SHIP AGENT	11
0023	WORKS IN FREIGHT OFFICE	1	0054	STEAMBOAT AGT	1
350	Stenographers, typists, and sec.		0055	STEAMBOAT CLERK	1
0001	?STEN TYP	1	0056	TICKET AGENT	10
0002	LAW STENOGRAPHER	1	0057	TICKET AGENT HRRR	7
0003	PRIVATE SECRETARY	1	0058	TICKET AGENT SPECULATER	1
0004	STENOGRAPHER	9	0059	TICKET AGT	1
360	Telegraph messengers		0060	TICKET BROKER	2
0001	MESSENGER OF TELEGRAPH OFS	1	0061	TICKET CLERK CPRRCO	2
0002	TELEGRAPH BOY	3	0062	TICKET CLERK ON R R	1
0003	TELEGRAPH MESSENGER	11	0063	TRANSPORTATION AGT	1
365	Telegraph operators		0064	EX AGENT	1
0001	AM TELEGRAPH CO	1	390	Clerical and kindred workers, n.e.c.	
0002	C TELEGRAPH	1	0001	? DAY CLERK	1
0003	OPERATOR ON TELEGRAPH	1	0002	? DUN & CO	1
0004	STUDYING TELEGRAPHY	1	0003	? SAME OFFICE	1
0005	TELEGRAPH	1	0004	? SEAL RECORDER R R	1
0006	TELEGRAPH KEP	1	0005	? SHANTENT CLERK	1
0007	TELEGRAPH OPERATOR	140	0006	?IN NAT BANK	1
0008	TELEGRAPHER	14	0007	?STRUBE CLERK	1
0009	TELEGRAPHER ON R R	1	0008	ABSTRACTER OF TITLES	1
0010	TELEGRAPHING	4	0009	AG IMPLEMENTS CK	1
0011	TELEGRAPHING R R.	1	0010	AGENCY CLERK	1
0012	TELEGRAPHIST	1	0011	AM EX I COMPY	1
0013	TELEGRAPHY	1	0012	ASSESSORS CLERK	1
0014	WORKS IN TELEGRAPH OFF	1	0013	ASST POLICE CLK	1
0015	WORKS ON TELEGRAPH	3	0014	ATTONEYS CLERK	2
370	Telephone operators		0015	BANK CLERK	70
0001	KEEPING PHONE	1	0016	BANKERS CLERK	3
0002	TELEPHONE	2	0017	BROKERS CLERK	4
0003	TELEPHONE EXCHANGE	2	0018	BRUSH FACTORY CLERK	1
0004	TELEPHONE EXCHANGE SWITCHMAN	1	0019	C'LK FOR DENTIST	1
0005	TELEPHONE OFFICE	1	0020	CAR RECORDER	2
0006	TELEPHONE OP	3	0021	CENSUS ENUMERATOR	7
0007	WITH TELEPHONE COMP.	1	0022	CENSUS TAKER	2
0008	WORKS AT TELEPHONE	1	0023	CHECK WEIGHMAN	1
380	Ticket, station, and express agents		0024	CHIEF CLERK	2
0001	A. EXPRESS AGENT	1	0025	CHIEF CLERK ADJ GENL OFF	1
0002	AGENT AMER EXPRESS	1	0026	CHIEF CLERK IN HOTEL	1
0003	AGENT FOR RR CO.	1	0027	CHIEF CLK. L. & N. R.R.	1
0004	AGENT IN R R DEPOT	1	0028	CLARK LIVERY STABLE	1
0005	AGENT O?M R R	1	0029	CLEAK IN TREAS	5
0006	AGENT PENNA RR CO	1	0030	CLEKR AT C & O RR D	1
0007	AGENT SOUTHERN EXPRESS	1	0031	CLEKR IN CUSTOM HOUSE	2
0008	AGT P R R	1	0032	CLEKR IN OFFICE OF WATER	1
0009	AGT. R.R. (LOCAL)	1	0033	CLEKR IN SEWING MACH OFFICE	1
0010	ASSISTANT R R AGT	2	0034	CLER IN OIL WORKS	2
0011	ASST. EX. AGT.	1	0035	CLER IN RUBBI WORKS	1
0012	BOAT AGENT	1	0036	CLERICAL	1
0013	CANAL LINE AGENT	1	0037	CLERK & BOOKKEEPER	1
0014	CHECK CLERK R R	1	0038	CLERK & INS AGT	1
0015	CLERK ? AT DEPOT	2	0039	CLERK 'COTTON'	1
0016	CLERK AT ADAMS EXPRESS CO	1	0040	CLERK ? COM HOUSE	2
0017	CLERK IN DEPOT	5	0041	CLERK ? MARINE INS	1
0018	CLERK IN EXP OFFICE	1	0042	CLERK AJ. GEN OFFICE	1
0019	CLERK IN RR DEPOT	2	0043	CLERK AT BRASS WORKS	1
0020	CLERK STATIONERY	1	0044	CLERK AT CAPITOL	2
0021	CLK ADAMS EXP OFF	1	0045	CLERK AT COAL YARD	3
0022	DEPOT AGENT	3	0046	CLERK AT COMERCIAL AGENCY	1
0023	EUROPEAN EXCHANGE PASSAGE AGENCY	1	0047	CLERK AT COTTON MILLS	2
0024	EXPRESS	1	0048	CLERK AT COURT HOUSE	1
0025	EXPRESMAN	1	0049	CLERK AT HOME	1
0026	EXPRESS AGENT	1	0050	CLERK AT IRON WKS	1
0027	EXPRESS ATT	26	0051	CLERK AT MINES	1
0028	EXPRESS CLERK	1	0052	CLERK AT NEWSROOM	1
0029	FREIGHT AGENT	6	0053	CLERK AT OIL MILL	1
0030	FREIGHT AGENT AT DEPOT	2	0054	CLERK AT POLICE STATION	1
0031	GENT FREIGHT AGENT RR	1	0055	CLERK AT SOLDIERS HOUSE	1
0032	KEEPING STATION	1	0056	CLERK AT SWEDISH COL	1
0033	NIGHT STATION AGENT	1	0057	CLERK AT TINNER	1
0034	R R AGENT	1	0058	CLERK B & O R R	1

0059	CLERK BANKING HOUSE	1	0148	CLERK IN MILL OFFICE	1
0060	CLERK BROKERS	2	0149	CLERK IN NEWSPAPER OFFICE	2
0061	CLERK BROKERS OFFICE	1	0150	CLERK IN NURSERY	1
0062	CLERK CITY HALL	2	0151	CLERK IN OFFICE	68
0063	CLERK CITY TAX OFFICE	1	0152	CLERK IN OFFICE AT WIRE MILL	1
0064	CLERK COAL O	1	0153	CLERK IN OFFICE OF MANUF.	1
0065	CLERK COM ? PLEA?	1	0154	CLERK IN PAPER MILL	2
0066	CLERK COTTON HOUSE	1	0155	CLERK IN PENNA R R	1
0067	CLERK ELBOW CO	1	0156	CLERK IN PHROTHONOTARY OFFICE	1
0068	CLERK ENGINEER OFFICE	1	0157	CLERK IN PIANO EST.	1
0069	CLERK EXPRESS OFFICE	1	0158	CLERK IN PLANING MILL	1
0070	CLERK FIRE INSURANCE	1	0159	CLERK IN PLANNING & SAW MILL	1
0071	CLERK FLOUR MILL	1	0160	CLERK IN POST OFFICE	64
0072	CLERK FOR ? HOUSE AGT	1	0161	CLERK IN PRINTING OFFICE	2
0073	CLERK FOR COAL MERCHANT	1	0162	CLERK IN PUB'G HOUSE	1
0074	CLERK FOR GRAIN DEALER	1	0163	CLERK IN R R OFFICE	25
0075	CLERK FOR GUM BROKER	1	0164	CLERK IN R R7FF??	1
0076	CLERK FOR HAT MANF	2	0165	CLERK IN REAL ESTATE OFFICE	1
0077	CLERK FOR ICE CO	2	0166	CLERK IN RECORDER OFFICE	1
0078	CLERK FOR ORDERLESS EXCAVATING CO	1	0167	CLERK IN RED.? DEV TREASY	1
0079	CLERK FOR SEWING MACH CO	1	0168	CLERK IN REGISTER OFFICE	2
0080	CLERK FOR SHIP BROKER	1	0169	CLERK IN SAVINGS BANK	1
0081	CLERK FREIGHT AGT FOR RR	1	0170	CLERK IN SEGAR MAN'FY	1
0082	CLERK HERALD OFFICE	1	0171	CLERK IN SEW MACH BUS.	1
0083	CLERK IIN STATIONERY	1	0172	CLERK IN SEWING MACHING ? ROOM	1
0084	CLERK IMP HOUSE	1	0173	CLERK IN SHERIFFS OFFICE	1
0085	CLERK IN ? BOOT FACTORY	1	0174	CLERK IN SHIP ? STARES	1
0086	CLERK IN ? DEPO HSE & TELEGRAPH OFF	1	0175	CLERK IN SHIRT FACTORY	1
0087	CLERK IN ? GRAIN HOUSE	2	0176	CLERK IN SHOE H	1
0088	CLERK IN ? LAW ? INST	1	0177	CLERK IN SHOE SHOP	1
0089	CLERK IN ? PRESS ? OPER	1	0178	CLERK IN SHOP	1
0090	CLERK IN ?B 9 CO	1	0179	CLERK IN SILK FACTORY	1
0091	CLERK IN ?SOING BANK	1	0180	CLERK IN SILK HOUSE	1
0092	CLERK IN ?STEEL OFFICE	1	0181	CLERK IN STABLE OFFICE	1
0093	CLERK IN ASSOR OFFICE	1	0182	CLERK IN STATE BUS. OF STATISTICS	1
0094	CLERK IN AUDITORS OFFICE	1	0183	CLERK IN STATE DEPT	3
0095	CLERK IN BOOT & SHOE FAC	1	0184	CLERK IN STOCK EXCHANGE	1
0096	CLERK IN BREWERY	1	0185	CLERK IN STOCK YD	1
0097	CLERK IN BROKER OFFICE	2	0186	CLERK IN SUGAR HOUSE	3
0098	CLERK IN BUSOR	1	0187	CLERK IN SUGAR REFINERY	1
0099	CLERK IN CAB OFFICE	1	0188	CLERK IN SUGAR TRADE	1
0100	CLERK IN CHARITY BUILDING	1	0189	CLERK IN TANNERY	1
0101	CLERK IN CITYOFFICE	1	0190	CLERK IN TANNERY OFFICE	1
0102	CLERK IN CLERK OFFICE	2	0191	CLERK IN TELEGRAPH OFFICE	1
0103	CLERK IN CO TREAS OFFIC	1	0192	CLERK IN THE FOUNDRY	1
0104	CLERK IN COAL OFFICE	3	0193	CLERK IN TILE FACTORY	1
0105	CLERK IN COMMRSH HOUSE	1	0194	CLERK IN TIN FACTORY	1
0106	CLERK IN CORN HOUSE	1	0195	CLERK IN TREAS	4
0107	CLERK IN COT: COM:	1	0196	CLERK IN TRUST CO	1
0108	CLERK IN COTTON OFFICE	1	0197	CLERK IN U S MINT	1
0109	CLERK IN COURT HOUSE	1	0198	CLERK IN US GOV	1
0110	CLERK IN CROTON WATER DPT	1	0199	CLERK IN W. U TEL CO	1
0111	CLERK IN D CLERKS OFFICE	1	0200	CLERK IN WAGGON SHOP	1
0112	CLERK IN DEAD L OFFICE	1	0201	CLERK IN WALL PAPER	1
0113	CLERK IN DISTILLERY	2	0202	CLERK IN WAR DEPT.	1
0114	CLERK IN ELECTRICIANS OFFICE	1	0203	CLERK IN WARE HOUSE	2
0115	CLERK IN ELEVATOR	2	0204	CLERK IN WASHINGTON	1
0116	CLERK IN EXPRESS OFFICE	1	0205	CLERK IN WATCH M.	1
0117	CLERK IN EXPRESS & P.O.	1	0206	CLERK IN WATER WORKS OFFI	1
0118	CLERK IN EXPRESS CO	1	0207	CLERK IN WOODS FACTY	1
0119	CLERK IN EXPRESS OFFICE	3	0208	CLERK INS CO.	1
0120	CLERK IN F INSURANCE	1	0209	CLERK INSURANCE OFF	1
0121	CLERK IN FACTORY	6	0210	CLERK INT. REV. OFFICE	1
0122	CLERK IN FACTORY 3	1	0211	CLERK IRON FURNACE	1
0123	CLERK IN FOUNDRY	3	0212	CLERK IRON HOUSE	1
0124	CLERK IN FURNACE OFFICE	1	0213	CLERK LAB	1
0125	CLERK IN G P.O.	1	0214	CLERK LAW OFFICE	1
0126	CLERK IN GAS FIXTURE	1	0215	CLERK LAW OFFICER	1
0127	CLERK IN GAS OFFICE	2	0216	CLERK MACHINE GOODS	1
0128	CLERK IN GLUE FACTORY	1	0217	CLERK MACHINE SHOP	1
0129	CLERK IN GRAIN WAREHOUSE	1	0218	CLERK MINING CO	1
0130	CLERK IN HOSPITAL	1	0219	CLERK NEWS OFFICE	1
0131	CLERK IN I WORKS	1	0220	CLERK OF ?E. R. R.	1
0132	CLERK IN INTERIOR DEPT.	1	0221	CLERK OF G. C. R. R	1
0133	CLERK IN IRON MILL	1	0222	CLERK OF JUROR	1
0134	CLERK IN IRON WAREHOUSE	1	0223	CLERK OF PUB ? DILVORY	1
0135	CLERK IN IRON WORK	1	0224	CLERK ON BOAT	1
0136	CLERK IN L OFFICE	1	0225	CLERK ON CANAL	1
0137	CLERK IN LAUNDRY	2	0226	CLERK ON RIVER	3
0138	CLERK IN LAW OFFICE	7	0227	CLERK ON STEAM BOAT	1
0139	CLERK IN LEATHE MANF	1	0228	CLERK ON WHARFBOAT	1
0140	CLERK IN LEATHER	1	0229	CLERK P C DEPT	1
0141	CLERK IN LOCOMOTIVE WKS.	1	0230	CLERK P RR	1
0142	CLERK IN LUMBE OFF	2	0231	CLERK P. M.	1
0143	CLERK IN LUMBER YARD	4	0232	CLERK P.O. DEPT	2
0144	CLERK IN M.FY	1	0233	CLERK P.O. HOUSE OFR.	1
0145	CLERK IN MACHINE WORKS	1	0234	CLERK PA? CO	1
0146	CLERK IN MANUF???	2	0235	CLERK REG. DEEDS	1
0147	CLERK IN MILL	10	0236	CLERK ROPE WALK	1

0237	CLERK S.P. R.R.	1	0326	IN PRINTER'S OFFICE	1
0238	CLERK S/SHIP LINE	1	0327	IN R R OFFICE	2
0239	CLERK SEWING MACHINE BUS	1	0328	IN TELEGRAPH OFFICE	1
0240	CLERK SMITH	1	0329	IN TELEPHONE OFFICE	1
0241	CLERK SS OFFICE	2	0330	INSURANCE CLERK	10
0242	CLERK SUPREME CT	1	0331	J??? CLERK	1
0243	CLERK SURVEYER GEN	1	0332	KNIGHT CLERK	1
0244	CLERK T	1	0333	LAW CLERK	5
0245	CLERK TELEGRAPH OFFICE	3	0334	LAWYERS CLERK	5
0246	CLERK TIN WARE	2	0335	LOTTERY OFFICE	1
0247	CLERK TO COM R. ROAD	1	0336	LUMBER CLERK	2
0248	CLERK TO COTTON BUYER	1	0337	MACHINE CLERK	1
0249	CLERK TO GASS PURF'G CO	1	0338	MAIL CLERK	2
0250	CLERK TOACCO FCTY	1	0339	MERCHANT'S CLERK	2
0251	CLERK TRANSPORTATION	2	0340	MONEY BROKERS' CLERK	1
0252	CLERK TREAS DEPT	4	0341	NAIL SORTER	1
0253	CLERK TRUSTEES OF AN ESTATE	1	0342	NIGHT CLERK	3
0254	CLERK U.S	1	0343	NIGHT CLERK HOTELL	1
0255	CLERK US REV. OPS.	1	0344	OFFICE LADY	1
0256	CLERK W OFFIC	1	0345	OFFICE WORK IN RR STATES	1
0257	CLERK WAR DEPT	1	0346	ORDER CLERK	1
0258	CLERK WATER OFFI	1	0347	P C DEPT ROUTE AGENT	1
0259	CLERK WHOLE S. STORE	1	0348	PAY MASTER	1
0260	CLERK WHOLESALE B & SHOE	1	0349	PAY MASTER COTTON MILL	1
0261	CLERK WHOLESALE GROCER	1	0350	PENN RR COMT CLERK	1
0262	CLERK WHOLESALE OILS	1	0351	PLAINIRY MILL CLERK	1
0263	CLERK WHOLESALE PROVISIONS	1	0352	POST OFFICE	3
0264	CLERK, NAVY DEPT	1	0353	PROOF READER	6
0265	CLERK. REAL ESTATE	1	0354	R C CLERK	1
0266	CLERKING FOR ?CO. 6	1	0355	R R CLERK	147
0267	CLERKING IN HOTEL	1	0356	R.P.O. CLERK	1
0268	CLERKS AT CUSTOM H	1	0357	R.R. PROPY CLERK	1
0269	CLERKS IN HOUSE	1	0358	READER	1
0270	CLERKS IN MILL	1	0359	RECIEVER DRY GOODS BANK	1
0271	CLK ?SODA FACTORY	1	0360	RECORDER PIKE CO	1
0272	CLK AT C & O RR DEPT	1	0361	SCALER	2
0273	CLK CIGAR FACTORY	1	0362	SERVES NOTICE FOR CITY TREAS	1
0274	CLK DEPT P. MORKS	1	0363	STOCK BROKERS CLERK	2
0275	CLK FOR BOARD TRADE	1	0364	SUGAR 'CLERK'	1
0276	CLK IN BOOT & SHOE HOUSE	1	0365	SUGAR WEIGHER	1
0277	CLK IN COTTON FACTR OFFIC	1	0366	TEL. OFFICE	1
0278	CLK IN FACTORY	1	0367	TELEGRAPH & RR CLK	1
0279	CLK IN IRON & NAIL FOUNDR	1	0368	TELEGRAPH CLERK	2
0280	CLK IN LAW OFFICE	1	0369	TELEGRAPH EMPLOY	1
0281	CLK IN NEWSPAPER OFFICE	1	0370	TELPH EMPLOYEE	1
0282	CLK INT'R DEPT	1	0371	TIME KEEPER R R	1
0283	CLK OF DEPT	1	0372	TIME KEEPER R.M.	1
0284	CLK OF SUPERIOR CT	1	0373	TIMEKEEPER	1
0285	CLK OIL WKS	1	0374	TIMEKEEPER IN MILL	1
0286	CLK PA.CEN. R.R. OF	1	0375	TKEEPING	1
0287	CLK TO.P. WEIGHER	1	0376	U.S. POSTAL CLERK	1
0288	CLK US TREASURY	1	0377	WARE HOUSE CLERK	1
0289	CLK WAR DEPT.	1	0378	WAREHOUSE KEEPER	1
0290	CLK. IN ERIE RR SHOP	1	0379	WAYMASTER	1
0291	CLK. IN GLASS WORKS	1	0380	WAYMASTER R.R.	1
0292	CLK. IN PACKING HOUSE	1	0381	WEIGH MASTER	3
0293	CLK. PRINT. HOUSE	1	0382	WEIGH MASTER SYDS	1
0294	CLK. TREAS. DEPT.	1	0383	WEIGH MASTER T J CO	1
0295	CLKS IN BREWERY	1	0384	WEIGHER	1
0296	CLRK EME RR OFFICE	1	0385	WEIGHER IRON ORE	1
0297	COAL CLARK	1	0386	WEIGHMAN	1
0298	COHYIST	5	0387	WEIGHS COAL	2
0299	COMMISSION CLERK	1	0388	WEIGING CLERK	1
0300	COMMISSION SCALER	1	0389	WHOELSALE LIQUOR CLERK	1
0301	COPYIST	4	0390	WHOLESALE DRUG CLERK	1
0302	COPYIST-GARDNER	1	0391	WHOLESALE LEATHER CL	1
0303	CORRES. CLK FOR PHYSICIAN	1	0392	WKS IN EXPRESS OFFICE	1
0304	COTTON CLERK	1	0393	WOHLESALE CLOTHING CLERK	1
0305	COTTON WEIGHER	4	0394	WORK IN DIRECTORY OFFICE	1
0306	CRESTIM HOUSE	1	0395	WORK IN POST OFFICE	1
0307	CRK IN TREASURES OFFICE	1	0396	WORK IN PROBATE OFFICE	1
0308	CUSTOM HOUSE CLERK	2	0397	WORKS AT POST OFFICE	3
0309	DEL. CLERK	3	0398	WORKS AT TELEGRAPH OFFICE	2
0310	DEPOT TENDER	1	0399	WORKS EXPRESS OFFICE	1
0311	DIS. CLERK IN BANK	1	0400	WORKS FOR THE CITY	1
0312	DUPDL'KR	1	0401	WORKS IN ADV. OFFICE	1
0313	EMPLOYED BY GOVERNMENT	1	0402	WORKS IN AN OFFICE	1
0314	EMPLOYEE U S POST OFFICE	1	0403	WORKS IN ASSAY OFFICE	1
0315	ENUMERATOR	6	0404	WORKS IN ATTYS OFFICE	1
0316	ENUMERATOR 814 DIST MASS	1	0405	WORKS IN BROKER EXCHANGE	1
0317	FILES	1	0406	WORKS IN BROKERS OFFICE	2
0318	FIRE INSURANCE CLERK.	1	0407	WORKS IN CAPITOL	1
0319	FLOUR MILL CLERK	1	0408	WORKS IN EXPRESS CO	1
0320	GOV'T CLERK	6	0409	WORKS IN GOV. DEPOT	1
0321	HOTEL CLERK	65	0410	WORKS IN HULLY SHOP	1
0322	HUCKSTERS CLERK	1	0411	WORKS IN JEWELLER OFF	1
0323	IN A LAW OFFICE	1	0412	WORKS IN LAWYER'S OFFICE	2
0324	IN BROKER OFFICE	2	0413	WORKS IN NEWSPAPER OFFICE	1
0325	IN POST OFFICE	1	0414	WORKS IN OFFICE	5

	0415	WORKS IN PAINTING OFFICE	1		0072	PEDLER OF SOAPS	2
	0416	WORKS IN RED.? DEV TREASY	1		0073	PEDLERS EXCHANGE	1
	0417	WORKS IN SHIPPING MERCHANT OFFICE	1		0074	PEDLING	7
	0418	WRITES IN CLERKS OFFICE	1		0075	POPCORN PEDDLER	1
	0419	WRITES IN OFFICE	1		0076	PUMP PEDDLAR	1
					0077	RAG PEDDLER	4
					0078	RAG PEDLER	1
					0079	RUNS FISH CART	1
					0080	SAW DUST HUCKSTER	1
					0081	SEGAR PEDLER	1
					0082	SELS PEANUTS	1
					0083	STRAWBERRY PEDDLER	1
					0084	TIN HUCKSTER	1
					0085	TIN PEDDLER	18
					0086	TINS & GLASS PEDLER	1
					0087	VEGETABLE PEDDLER	1
					0088	VENDER	6
					0089	VENDOR OF TEA & COFFEE	1
					0090	WEEL PEDLER	1
					0091	WHIP PEDLAR	1
					0092	WOOD PEDLAR	1
				450		Insurance agents and brokers	
					0001	FIRE & LIFE INS AGT	5
					0002	FIRE INSURANCE	10
					0003	FIRE INSURANCE AGENT	31
					0004	FIRE INSURANCE BROKER	1
					0005	GEN. AGENT FIRE INS. COMPANIES	1
					0006	GENR INS AGT	1
					0007	INS. AGT. F	1
					0008	INSURANCE	2
					0009	INSURANCE ADJUSTER	2
					0010	INSURANCE AGT	49
					0011	INSURANCE OFFICER	2
					0012	INSURANCE SOLICITOR	1
					0013	LIFE & FIRE INSURANCE	2
					0014	LIFE INSURANCE	7
					0015	LIFE INSURANCE AGT	16
					0016	MARINE INSURANCE	2
					0017	MARINE LIFE FIRE INS AGENT	1
				460		Newsboys	
					0001	CARRIER	1
					0002	CARRIER IN PAPER OFFICE	1
					0003	CARRING PAPERS	1
					0004	NEWS BOY	10
					0005	NEWS CARRIER	1
					0006	NEWS PAPER CARRIER	1
					0007	NEWSPAPER BOY	1
					0008	NEWSPAPER CARRIER	1
					0009	PAPER CARRIER	13
					0010	SELLS NEWSPAPERS	1
					0011	SUNDY VOICE CIRCULATOR	1
				470		Real estate agents and brokers	
					0001	AGENT FOR HOUSE	1
					0002	DEALING IN REAL ESTATE	1
					0003	DEED DEALER	1
					0004	HOUSE AGENT	1
					0005	LAND AGENT	9
					0006	LAND DEALER	1
					0007	LAND SPECULATOR	1
					0008	PROPERTY AGENT	1
					0009	PROPERTY MAN	1
					0010	REAL ESTATE	26
					0011	REAL ESTATE & ACTIONENING	1
					0012	REAL ESTATE & FIRE INS AGENCY	1
					0013	REAL ESTATE & FIRE INSURANCE AGENT	1
					0014	REAL ESTATE & MORTGAGE BR	1
					0015	REAL ESTATE AGENT	60
					0016	REAL ESTATE BRK'R	1
					0017	REAL ESTATE BROKER	8
					0018	REAL ESTATE BUS	2
					0019	REAL ESTATE COLLECTOR	1
					0020	REAL ESTATE DEALER	17
					0021	REAL ESTATE TRUSTEE	1
					0022	TRADER IN REAL ESTATE	1
				480		Stock and bond salesmen	
					0001	DEALER IN STOCK	4
					0002	DEALES IN BONDS	1
					0003	STOCK AGT	1
				490		Salesmen and sales clerks, n.e.c.	
					0001	? SELLING CIGARS	3
					0002	? TEA SALESMAN	1
					0003	? WAULLING SALESMAN	1
					0004	AG IN AGT	5
					0005	AG MACHINE AGT.	4
					0006	AG'T FOR IRON FENCE	1
					0007	AGENT FOR MACHINES (AGRICUL)	1
					0008	AGENT FOR PATENT MEDICINE	2
					0009	AGENT NOVELTY	1
					0010	AGENT OF FARM IMPLENTS	1
121	0001	ADVERTISER	1				
122	0002	ADVERTISING AGENT	2				
123	0003	SOLIC ADVERTISER	1				
124	0004	SUBSCRIPTION AGENT	1				
400		Advertising agents and salesmen					
401	0001	AUCTIONEER	24				
402	0002	AUCTIONEER (CHINA)	1				
403	0003	REAL ESTATE AUCTIONEER	1				
430		Hucksters and peddlers					
431	0001	? LOTTERY VENDER	1				
432	0002	ARABING	1				
433	0003	ASH PEDLAR	1				
434	0004	BEER PEDDLER	1				
435	0005	BONE PEDDLER	1				
436	0006	BOOK PEDDLER	1				
437	0007	BREAD PEDLERS	1				
438	0008	CLOTHES PEDDLER	1				
439	0009	DRY GOODS PEDDLER	2				
440	0010	FISH HUCKSTER	1				
441	0011	FISH MONGER	1				
442	0012	FISH PEDDLER	5				
443	0013	FISH STAND	1				
444	0014	FOOT PEDDLER	1				
445	0015	FRUIT PEDDLER	6				
446	0016	FRUIT STAND	4				
447	0017	FRUIT STANDS	1				
448	0018	FUR PEDDLER	1				
449	0019	GREEN GROCER PEDLER	1				
450	0020	HAY PEDDLER	1				
451	0021	HUCKSTER	263				
452	0022	HUCKSTER DRIVES A WAGON	1				
453	0023	HUCKSTER & GROCER	1				
454	0024	HUCKSTER AND MERCHANT	1				
455	0025	HUCKSTER BOY	1				
456	0026	HUCKSTER IN MARKET	1				
457	0027	HUCKSTRESS	1				
458	0028	HUXTERING	4				
459	0029	ICE CREAM DEALER	1				
460	0030	ICE HUCKSTER IN CITY	1				
461	0031	ICE PEDDLER	2				
462	0032	JEWELRY PEDDLER	3				
463	0033	JUNK + FISH PEDLER	1				
464	0034	JUNK PEDLER	1				
465	0035	K. LUNCH STAND	1				
466	0036	KEEPING HOUSE AND HUCKSTER	1				
467	0037	KEEPS FRUIT STAND	2				
468	0038	KH & PEDDLER VEGETABLES	1				
469	0039	L VENDER	1				
470	0040	LICENSE VENDER	1				
471	0041	LICENSED VENDER	5				
472	0042	MART HUCKSTER	1				
473	0043	MEAT PEDLER	1				
474	0044	MERCHANDIZE PEDLAR	1				
475	0045	MOTION PEDLAR	1				
476	0046	MUSIC PEDLAR	1				
477	0047	NOTION PEDLER	1				
478	0048	PAPER PEDLAR	1				
479	0049	PEANUT STAND	1				
480	0050	PEDDELING NOTIONS	4				
481	0051	PEDDES PAPER	1				
482	0052	PEDDLER	159				
483	0053	PEDDLER (TIN + DRY GOODS)	1				
484	0054	PEDDLER GROCERY	1				
485	0055	PEDDLER IN GLASSWARE	2				
486	0056	PEDDLER IN IRON	1				
487	0057	PEDDLER LINNAMENT	1				
488	0058	PEDDLER OF EYE GLASSES	1				
489	0059	PEDDLER OF MEDICINE	1				
490	0060	PEDDLER PENCILS	1				
491	0061	PEDDLER PRODUCE	2				
492	0062	PEDDLER WITH TRUNK	1				
493	0063	PEDDLES	3				
494	0064	PEDDLES DRY GOOD & NOTION	1				
495	0065	PEDDLES MILK	1				
496	0066	PEDDLING DRY GOODS	5				
497	0067	PEDDLING MILLINERS GOODS	1				
498	0068	PEDDLING TIN WARE	2				
499	0069	PEDLAR IN SMALL WARES	1				
500	0070	PEDLAR OF KNIT GOOD	1				
501	0071	PEDLAR VEGT.	1				

0011	AGENT SALE G????S	1	0100	CLERK IN CLOTHING STORE	1
0012	AGENT SEWING MACHINE CO	1	0101	CLERK IN COLOGNE STORE	3
0013	AGENT SING S M CO	1	0102	CLERK IN CONF STORE	2
0014	AGENT WHOLESALE BOOKS	1	0103	CLERK IN CONFECTION?RY	1
0015	AGT FOR MCCORMAC REAPER	1	0104	CLERK IN CONFECTIONARY	1
0016	AGT. AGRICULTURAL	1	0105	CLERK IN COTTON STORE	1
0017	AGT. SINGER SEWING MACH.	1	0106	CLERK IN COUNTRY STORE	2
0018	APOTH'CY'S CLERK	1	0107	CLERK IN D STORE	57
0019	ASSISTANT IN STO	1	0108	CLERK IN DRUG STORE	1
0020	AST SELLING WOODEN WARE	1	0109	CLERK IN DRY GOODS + GROCERY STORE	93
0021	AT ? STORE	1	0110	CLERK IN DRY GOODS STORE	1
0022	AT DRY GOODS	1	0111	CLERK IN DRY STORE	2
0023	AT GROCERY	1	0112	CLERK IN FANCY G	1
0024	AT GROCERY STORE	1	0113	CLERK IN FANCY STORE	3
0025	AT HOME AND ATTENDING CIGAR STORE	1	0114	CLERK IN FEED STORE	1
0026	AT JEWELRY	1	0115	CLERK IN FISH STORE	1
0027	AT STORE	4	0116	CLERK IN FRAME STORE	1
0028	AT WHOLESALE DRY GDS	1	0117	CLERK IN FRUIT HOUSE	3
0029	ATENDING STORE	2	0118	CLERK IN FURNISHING STORE	1
0030	ATTENDING IN MUSIC STORE	1	0119	CLERK IN FURNITURE	6
0031	ATTENDS HAT SHOP	1	0120	CLERK IN FURNITURE STORE	1
0032	ATTENDS STORE	3	0121	CLERK IN G STORE	1
0033	BAKERS CLERK	1	0122	CLERK IN G.MS.	1
0034	BAR ROOM CLERK	1	0123	CLERK IN GENL MERCHANDISE	1
0035	BEGGAR	27	0124	CLERK IN GENL MERCHANDISE STORE	146
0036	BOOK AGENT	3	0125	CLERK IN GROCERY	51
0037	BOOK AGENTS	2	0126	CLERK IN GROCERY STORE	1
0038	BOOK CANVASSER	9	0127	CLERK IN GUANO STORE	45
0039	BOOK SELLER	1	0128	CLERK IN HARDWARE STORE	1
0040	BOOT & SHOE CLERK	2	0129	CLERK IN HAT & CAP STORE	5
0041	BOOT & SHOE SALESMAN	6	0130	CLERK IN HAT STORE	1
0042	BUTCHER CLERK	1	0131	CLERK IN HATTERS	1
0043	CANV. FOR RACKS	1	0132	CLERK IN HOUSE HARDWARE	1
0044	CANVASING FOR OIL PAINTIN	13	0133	CLERK IN IRON STORE	11
0045	CANVASSER	1	0134	CLERK IN JEWELERS	1
0046	CANVASSER FOR NURSERY	1	0135	CLERK IN LEATHER OFFICE	1
0047	CANVASSER FOR SEWING MACHINE CO	1	0136	CLERK IN LEATHER STORE	11
0048	CANVASSING	1	0137	CLERK IN LIQUOR STORE	9
0049	CANVASSING AGE FOR BOOKS	1	0138	CLERK IN MARKET	4
0050	CANVISING FOR BO??	1	0139	CLERK IN MEAT MARKET	6
0051	CHECK BOY	1	0140	CLERK IN MILLERIEEN STORE	3
0052	CHECK CLERK	672	0141	CLERK IN MUSIC STORE	2
0053	CLERK	4	0142	CLERK IN NOTION HOUSE	1
0054	CLERK (PROVISIONS)	2	0143	CLERK IN NOTION STORE	1
0055	CLERK (STATIONERY)	1	0144	CLERK IN OIL STORE	2
0056	CLERK AGR IMPLEMENTS	3	0145	CLERK IN PICTURE STORE	2
0057	CLERK APOTHECARY	3	0146	CLERK IN PORK STORE	1
0058	CLERK AT CHINA STORE	2	0147	CLERK IN R & S STORE	4
0059	CLERK AT FRUIT STORE	1	0148	CLERK IN RETAIL & GROCE	11
0060	CLERK AT R.H. WHITE'S	1	0149	CLERK IN SALOON	1
0061	CLERK BOOTS + SHOES	1	0150	CLERK IN SEED STORE	1
0062	CLERK BOYDS DEPARTMENT	2	0151	CLERK IN SENOGATE	1
0063	CLERK CANDY S.	2	0152	CLERK IN SHIRT STORE	1
0064	CLERK CIGAR STORE	2	0153	CLERK IN SHOE BUSINESS	33
0065	CLERK CLOTHING	1	0154	CLERK IN SHOE STORE	1
0066	CLERK COM	1	0155	CLERK IN SHOE STORE RETAI	1485
0067	CLERK DRUG HOUSE	1	0156	CLERK IN STORE	1
0068	CLERK FANCY GOODS STORE	1	0157	CLERK IN STRAW HATS	1
0069	CLERK FISH MARKET	3	0158	CLERK IN SUP	2
0070	CLERK FLOUR STORE	3	0159	CLERK IN TAILOR	1
0071	CLERK FOR FALTHER	1	0160	CLERK IN TEA S.	2
0072	CLERK FOR MILLINER	1	0161	CLERK IN TEA STORE	1
0073	CLERK FOR NOTION HOUSE	1	0162	CLERK IN WHOLESALE HOISER	1
0074	CLERK FOR TAILOR	1	0163	CLERK IN WHOLESALE LIQUOR STORE	1
0075	CLERK FOREIGN FRUIT STORE	7	0164	CLERK IN WHOLESALE LIQUOR	2
0076	CLERK GENERAL STORE	1	0165	CLERK LEATHER STORE	2
0077	CLERK GLOVE STORE	1	0166	CLERK NOTION STORE	1
0078	CLERK GROCERY &C	1	0167	CLERK OF MARKET	1
0079	CLERK HARWARE	1	0168	CLERK OF PAPER STAND	1
0080	CLERK HOLESale CIGAR	1	0169	CLERK RETAIL DRY GOODS STORE	1
0081	CLERK HOSIERY STORE	1	0170	CLERK SKATING RINK	1
0082	CLERK IN	1	0171	CLERK TOBACCO	2
0083	CLERK IN ? D.H.	2	0172	CLERK TOBACCO STORE	1
0084	CLERK IN A PAPER STORE	1	0173	CLERK TOY STORE	1
0085	CLERK IN AND STONE	1	0174	CLERK UMBRELLAS	2
0086	CLERK IN AUCTION STORE	3	0175	CLERK WITH FATHER	1
0087	CLERK IN BAKERY	16	0176	CLERK WOOD WILLOW	1
0088	CLERK IN BOOK STORE	1	0177	CLERK WOODWARE	1
0089	CLERK IN BOOT & SHOE STORE	1	0178	CLERK(FURNITURE)	1
0090	CLERK IN BRASS GOODS	1	0179	CLERK. "DRUGS"	11
0091	CLERK IN BUTCHER STORE	3	0180	CLERKING	1
0092	CLERK IN CANDY STORE	1	0181	CLERKS FOR FATHER	1
0093	CLERK IN CARPENT STORE	5	0182	CLERKS IN C. STORE	1
0094	CLERK IN CARPET STORE	1	0183	CLERKS IN CLOTHING	1
0095	CLERK IN CIGAR STORE	6	0184	CLERKS IN CONFECTIONARY	1
0096	CLERK IN CL???? STORE	1	0185	CLERKS IN CROCKERY STORE	1
0097	CLERK IN CLOTHING ESTABLISHMENT	1	0186	CLERKS IN DRUG DEPT.	1
0098	CLERK IN CLOTHING HOUSE	2	0187	CLERKS IN LEATHER STORE	1
0099	CLERK IN CLOTHING ST	18	0188	CLERKS IN NOTION STORE	3

0189	CLERKS IN SALOON	1	0278	PAWNBROKER'S CLERK	1
0190	CLK & KH	2	0279	PICTURE CLERK	1
0191	CLK D! STORE	1	0280	REAPER AGT	1
0192	CLK IN DRY GOODS HOUSE	1	0281	REFRIGERATOR'S SALESMAN	1
0193	CLK IN F.G. STORE	1	0282	ROAD MERCHANT OF ? JUNKIE NOTIONS	1
0194	CLK IN FEED STORE	1	0283	RR FGHT AGT	2
0195	CLK IN FURNITURE	1	0284	RUM SELLER	41
0196	CLK IN HIDE +WOOL STORE.	1	0285	S MACHINE AGT	2
0197	CLK KINGSFORDS GROCERY	2	0286	SALES LADY	2
0198	CLK T STORE	1	0287	SALES LADY DRY GDS	1
0199	CLK TIN STORE	1	0288	SALES LADY IN STORE	1
0200	CLK TRUNK STORE	2	0289	SALES LADY MARKET STAND	1
0201	CLK W DRUGGIST	1	0290	SALES WOMEN	1
0202	CLKS IN STORE	2	0291	SALES'N W. BOOTS+SHOES	2
0203	CLOTH SALESMAN	2	0292	SALES.N IN NECK TIE STORE	1
0204	CLOTHING CLERK	7	0293	SALESDAY AT STORE	135
0205	CLOTHING SALESMAN	1	0294	SALESLADY D G STORE	1
0206	COAL SALESMAN	1	0295	SALESMAN	4
0207	COM TRAV. DRUGS	1	0296	SALESMAN WHOLESALE HOUSE	1
0208	COMMERCIAL SALESMAN	1	0297	SALESMAN (DRY GOODS)	1
0209	COMMERCIAL TOURIST	55	0298	SALESMAN ?SERVING SICK	1
0210	COMMERCIAL TRAVELER	1	0299	SALESMAN AG'L IMPLEMENTS	1
0211	COMMERCIAL WA???	1	0300	SALESMAN AGRICULT MASH	1
0212	CONFECTIONER'S CLERK	1	0301	SALESMAN AT FEATHER STORE	2
0213	CRACKER SALESMAN	23	0302	SALESMAN AT LUMBER YARD & FARMER	2
0214	DRUG CLERK	2	0303	SALESMAN CARPET	2
0215	DRUG CLK	2	0304	SALESMAN CLOTH	2
0216	DRUGGIST CLERK	1	0305	SALESMAN DRUGS	1
0217	DRUGGIST CLK	2	0306	SALESMAN DRY G.S	1
0218	DRUGGIST'S CLERKS	1	0307	SALESMAN FANCY GOODS HOUSE	1
0219	DRY GOODS & IRON CLERK	163	0308	SALESMAN FOR CIGAR FACT	1
0220	DRY GOODS CLERK	1	0309	SALESMAN FOR CRACKER	1
0221	DRY GOODS MERCHANT'S CLERK	17	0310	SALESMAN FOR ORNAMENTAL IRON GOODS	1
0222	DRY GOODS SALESMAN	2	0311	SALESMAN FOR SCALES	1
0223	EX AGENT	1	0312	SALESMAN FOR TREES	2
0224	FARM AGENT	2	0313	SALESMAN HARDWARE	1
0225	FLORESTS CLERK	1	0314	SALESMAN HARDWARE STORE	1
0226	FLOUR AND FEED CLERK	1	0315	SALESMAN HORSE COLLARS	2
0227	FRAVELING AGENT	1	0316	SALESMAN IN CIGAR STORE	2
0228	FRAVLING SALESMAN	1	0317	SALESMAN IN DRY GOOD HOUSE	1
0229	FRUIT AGENT	5	0318	SALESMAN IN DRY GOODS STORE	1
0230	FRUIT SALESMAN	2	0319	SALESMAN IN HAT ????	1
0231	FRUIT TREE AGENT	1	0320	SALESMAN IN LACE GOODS	1
0232	FURNITURE SALES MAN	1	0321	SALESMAN IN PAPER STORE	1
0233	G.M. CLERK	3	0322	SALESMAN IN PIANO FACT	1
0234	GEN MDSE CLERK	1	0323	SALESMAN IN PICTURE STORE	1
0235	GENERAL CLERK	1	0324	SALESMAN IN RETAIL GROCER	2
0236	GENERAL SALESMAN	38	0325	SALESMAN IN SHOE HOUSE	5
0237	GLOVE CLERK	3	0326	SALESMAN IN SHOE STORE	1
0238	GROCERS CLERK	1	0327	SALESMAN IN STORE	2
0239	GROCERY SALESMAN	2	0328	SALESMAN IN TOOLE S	1
0240	HARDWARE AGENT	1	0329	SALESMAN IN WHOLESALE	1
0241	HARDWARE TRAVELING AFT	1	0330	SALESMAN IN WHOLESALE GRO	2
0242	IN DRUG-STORE	2	0331	SALESMAN JEWELRY STORE	1
0243	IN DRUGGIST STORE	1	0332	SALESMAN NOTION	1
0244	IN DRY GOODS STORE	4	0333	SALESMAN PAINTS & OILS	2
0245	IN FISH STORE	1	0334	SALESMAN PROVISION	2
0246	IN FURNITURE STORE	1	0335	SALESMAN STORE	1
0247	IN GLASS STORE	1	0336	SALESMAN TOBACCO	1
0248	IN GLASS WARE STORE	2	0337	SALESMAN WHOLE GROCERY	1
0249	IN GROCERIE STORE	2	0338	SALESMAN WHOLE SALE	15
0250	IN GROCERY	1	0339	SALESMAN WHOLESALE TINWAR	1
0251	IN HARDWARE STORE	1	0340	SALESWOMAN	1
0252	IN HAT STORE (JEWELER)	1	0341	SALESWOMAN ART GALLERY	1
0253	IN JEWELRY STORE	1	0342	SALESWOMAN DRY GOODS	1
0254	IN PROVISION STORE	12	0343	SALLON CLERK	1
0255	IN SHOE STORE	1	0344	SASH + BLIND SALESMAN	1
0256	IN STORE	1	0345	SCHOOL BOOKS	1
0257	ITINERANT SALESMAN	1	0346	SEGAR CLERK	1
0258	JEWELRY AGT	1	0347	SELING CLOTHING	2
0259	JEWELRY SALESMAN	1	0348	SELL BOOT & SHOES	3
0260	KEEPS HOUSE & SELLS GOODS	4	0349	SELLER OF AGRICULTURAL	1
0261	LEATHER SALESMAN	1	0350	SELLING AGRICULTURAL IMP	1
0262	LIGHT. ROD AGENT	1	0351	SELLING AGT MALT & HOPS	1
0263	LIGHTENING ROD CANVASAR	1	0352	SELLING FORCE PUMPS	1
0264	LUMBER SALESMAN	9	0353	SELLING FRUIT	1
0265	LUMBER SELLER	2	0354	SELLING LINIMENT	1
0266	MACHINE AGENT	3	0355	SELLING MARBLE	1
0267	MERCANTILE CLK	2	0356	SELLING PEANUTS	2
0268	MERCHANT CLERK	1	0357	SELLING PLOWS	3
0269	MILLINER'S CLERK	1	0358	SELLING PUMPS	1
0270	MILLINERY SALES LADY	1	0359	SELLING SEWING M?	1
0271	MUSIC CLERK	2	0360	SELLING STEAM ENGINES	1
0272	NOTION CLERK	1	0361	SELLS BASKETS BY SAMPLE	1
0273	NOTION SALESMAN	1	0362	SELLS CANDIES	4
0274	NOVELTY AGT.	3	0363	SELLS FLOUR & FEED	1
0275	OIL SALESMAN	1	0364	SELLS FRUIT TREES	1
0276	ORGAN AGENT	1	0365	SELLS GRANITE	1
0277	PAINTS & OIL SALESMAN	1	0366	SELLS LIGHTNING RODS	1

0367	SELLS OIL	1	0006	BLACKSMITH & FARMER	9
0368	SELLS PAT MEDICINE	1	0007	BLACKSMITH & FARRIER	1
0369	SELLS STONE WARE	1	0008	BLACKSMITH & WAGONMAKER	1
0370	SELLS TINWARD & BUYS RAGS	1	0009	BLACKSMITH AT PAW SHOP	1
0371	SELLS TREES	1	0010	BLACKSMITH FOR ? M	1
0372	SELLS VEGETABLES	64	0011	BLACKSMITH H.	1
0373	SEWING AGT	4	0012	BLACKSMITH IN M	1
0374	SEWING MACHINE AGENT	2	0013	BLACKSMITH IN R.R. SHOP	4
0375	SHOE CLERK	2	0014	BLACKSMITH ON RR	3
0376	SHOE FITTER,	2	0015	BLACKSMITH'S ASSIST	1
0377	SHOE SALESMAN	2	0016	BLACKSMITHEY	1
0378	SHOP GIRL	1	0017	BLACKSMITHING	13
0379	SOLICITOR	1	0018	BLKSMITH KEEPER	1
0380	SOLICITOR FOR NEWSPAPER	1	0019	CAR BLACKSMITH	1
0381	STAND AT MARKET	1	0020	CARRIAGE BLACKSMITH	6
0382	STANDS IN PROVISION STORE	1	0021	COACH BLACK SMITH	2
0383	STANDS IN STORE	1	0022	HORSE SHOER	24
0384	STANDS IN TEA STORE	2	0023	INN BLACKSMITH	1
0385	STAY IN SHORE ST???	1	0024	WORKS AT BLACKSMITHING	11
0386	STAY IN STORE	1	502	Bookbinders	
0387	STORE KEEPER FOR GAUGER	1	0001	BOOK ?TAPER	1
0388	T. SALESMAN	4	0002	BOOK BINDER	78
0389	TEA SALESMAN	7	0003	BOOK BINDERY	1
0390	TENDING STORE	1	0004	BOOK BINDING TRADE	1
0391	TENDS STORE	1	0005	BOOK CUTTER	1
0392	THREAD SALESMAN	2	0006	BOOK FOLDER	12
0393	TRAV AGENT FOR OIL CO	1	0007	BOOK FOLDING	1
0394	TRAV SALESM	1	0008	BOOK SEWER	2
0395	TRAV. AGT FOR BOOKS	1	0009	BOOK. BINDING	5
0396	TRAVELER	1	0010	BOOKBINDER IN SHOP	1
0397	TRAVELER FOR MACHINERY	2	503	Boilermakers	
0398	TRAVELER FOR STOVES	1	0001	BOILER MAKER	109
0399	TRAVELING	1	0002	STEAM BOILER MAKER	1
0400	TRAVELING AFT MACH???	1	504	Brick/stone masons, tile setters	
0401	TRAVELING AGT FOR MUSICAL INSTRUMEN	1	0001	BRICK & PLASTER MASON	1
0402	TRAVELING FOR ?GREENWAY +CO BREWERS	2	0002	BRICK & STONE MASON	19
0403	TRAVELING IN SA?ES	49	0003	BRICK LAYER	91
0404	TRAVELING MAN	3	0004	BRICK MASON	344
0405	TRAVELING SALESMAN	1	0005	BRICK MASON & PLASTERER	1
0406	TRAVELLER	1	0006	BRICK MASON TO BUILDER	1
0407	TRAVELLER FOR REAP??	1	0007	BRICK SETTER	1
0408	TRAVELLING	1	0008	BRICK STONE AND PLASTERER MASON	1
0409	TRAVELLING A.D G	1	0009	BRICKER	1
0410	TRAVELLING BUGGY SALESMAN	1	0010	BRICKLAYER & PLASTERER	2
0411	TRAVELLING FOR CHAMPION CO	1	0011	BRICKMASTER	1
0412	TRAVELLING MAN	1	0012	MARBLE MASON	2
0413	TRAVELLING SALESMAN WHOLESALE DRY	1	0013	MASON	64
0414	TRAVELLING SHOE CLERK	1	0014	MASON & BUILDER	4
0415	TRAVELLS ONE	1	0015	MASON TENDER	1
0416	TRAVELS	1	0016	ROCK MASON	7
0417	TRAVELS DRUGS	1	0017	SCHOOL MASON	1
0418	TRAVELS FOR ARGRICULTURAL MANUFACT	1	0018	SETTING BRICKS	1
0419	TRAVILING GLOVE SALESMAN	1	0019	SLATE MANTEL MAKER & DEALER	1
0420	TRAVLING MAN	1	0020	ST WM MASONS	2
0421	UPHOLSTERY SALESMAN,	1	0021	STONE & BRICK MASON 9	1
0422	WAITER IN STORE	1	0022	STONE CARVER	1
0423	WHITE GOODS SALESMAN	1	0023	STONE LAYER	1
0424	WHITE SEWING MACHINE AGENT	1	0024	STONE MASON	405
			0025	STONE MASON & ? FARMER	2
			0026	STONE MASON & BRICKLAYER	1
			0027	STONE MASON & CONTRACTOR	1
			0028	STONE MASON RR	1
			0029	STONE MOUNTER	1
			0030	STONE SETTER	1
			0031	STONE-BRICK MASON	1
			0032	STONEMASON & PLASTERER	1
			0033	WKG BRICKLAYER	1
			0034	WORKING AT MASON WORK	2
			0035	WORKS ON GRANITE	1
500	Bakers		505	Cabinetmakers	
0001	BAKER	317	0001	BEDMAKER	3
0002	BAKER & CRACKER FACTORY	1	0002	BILLIARD T MAKER	1
0003	BAKER & GROCERER	2	0003	CABANET WORKMAN	1
0004	BAKER BOARDING HSE	1	0004	CABIN AT MARY	1
0005	BAKER IN HOTEL	1	0005	CABINET	3
0006	BAKER SHOP	2	0006	CABINET MAKER	291
0007	BAKER STORE	1	0007	CABINET WORK	1
0008	BAKERY	14	0008	CHAIR LATER	1
0009	BAKERY & CONFECTION	5	0009	CHAIR MAKER	28
0010	BAKERY BUSINESS	1	0010	CHAIR MAKER + MUSIC TEACH.	1
0011	BAKING	1	0011	CHAIR MAKING	2
0012	BREAD BAKER	9	0012	CHAIR MENDER	1
0013	CAKE BAKER	3	0013	CRADLE	1
0014	CAKE-MAKER	1	0014	CRADLE MAKER	2
0015	CRACKER BAKER	5	0015	FURNATURE & UPHOLSTER	1
0016	DOUGHNUT MAKER	3	0016	FURNITURE	4
0017	GRAIN BAKER	3	0017	FURNITURE BENDER	1
0018	PAKER AT BAKERY	2	0018	FURNITURE CAR	1
0019	PASTRY COOK	3	0019	FURNITURE MAKER	3
0020	PRETZEL BAKER	1			
0021	STEAM BAKERY	1			
501	Blacksmiths				
0001	BLACK SMITH IN FACTORY	1			
0002	BLACKMAN	1			
0003	BLACKSMITH	1694			
0004	BLACKSMITH FARMER + STOCK R	1			
0005	BLACKSMITH SALOON KEEPER	1			

— V —

Variable descriptions, 46-55
Variable guide, 56-58
Verification, 2, 8, 11, 50, 56, 75
VERIFY, 50, 56, 75

— W —

Walker, Francis A. 3, 9, 24, 152, 155-157, 159, 160, 163, 165, 167, 169-171, 177, 179-186,
188-190, 194, 197
Whiskey, bad, 168
Wright, Carroll, 9, 34, 156
Women. *See Also* Occupation, women's; Enumerators, women as, 16, 18, 19, 24, 26, 28-29, 43,
68, 157, 168, 169, 171, 174

— Y —

YNGCH, 16, 17, 54, 57, 117

0038 FOREMAN IN FILE WORKS	1	0127 SECTION OVERSEER	1
0039 FOREMAN IN FURNITURE FAC	1	0128 SECTION OVERSEER R R	1
0040 FOREMAN IN ICE COMPANY	1	0129 STABLE BOSS	4
0041 FOREMAN IN IRON FURNACE	1	0130 SUPERINTENDENT IN STABLE	1
0042 FOREMAN IN LUMBER CAMP	1	0131 TRACK MASTER ON R.R.	1
0043 FOREMAN IN LUMBER MILL	1	0132 TRUCK OVERSEER	1
0044 FOREMAN IN PAPER WK	1	0133 TWISTING BOSS	1
0045 FOREMAN IN PLANING MILL	1	0134 YARD FOREMAN	1
0046 FOREMAN IN R R SHOP	2	524 Forgemen and hammermen	
0047 FOREMAN IN S. MILL	1	0001 AXE FORGER	2
0048 FOREMAN IN SHOE FACTORY	2	0002 FORGEMAN	2
0049 FOREMAN IN SLOUGHTER HOUS	1	0003 FORGER	1
0050 FOREMAN IN STORE	1	0004 HAMURSMAN	1
0051 FOREMAN IN UNDETAKE	1	525 Furriers	
0052 FOREMAN IN UPPER LEA ROOM	1	0001 FUR CUTTING	1
0053 FOREMAN IN WATCH FACTORY	1	0002 FUR MAN	1
0054 FOREMAN IRON FACTORY	1	0003 FUR SERVER	1
0055 FOREMAN LEAD WORKS	1	0004 FUR SEWER	5
0056 FOREMAN LEDGER OFF	1	0005 FUR. FINISHER	1
0057 FOREMAN LIVERY STABLE	1	0006 FURRIER	7
0058 FOREMAN MACHINE SHOP	4	0007 FURS & C	1
0059 FOREMAN OF ?BINDER	1	0008 WORKS ? FURING	1
0060 FOREMAN OF BOILER SHOP	1	530 Glaziers	
0061 FOREMAN OF CHARLE'S ?ROPE	1	0001 GLASIER	5
0062 FOREMAN OF CLOCK SHOP	1	0002 LEAD GLAZIER	2
0063 FOREMAN OF ELEVATOR	1	531 Heat treaters, annealers, temperers	
0064 FOREMAN OF R.R. SECTION	1	0001 ANNEALER IN WIRE MILL	1
0065 FOREMAN OF REPAIRS ON R.R.	1	0002 BRASS BURNERS	1
0066 FOREMAN ON COAL WHARVES	1	0003 FILE HARDNER	1
0067 FOREMAN ON DOCK	1	0004 GALVANISING TOOLS	1
0068 FOREMAN ON R R TRACK	3	0005 TEMPERER IN PLOW SHOP	1
0069 FOREMAN ON RIVER RAFTING	1	532 Inspect., graders, log and lumber	
0070 FOREMAN ON TRACK	1	0001 LUMBER MEASURE	1
0071 FOREMAN PRINTING OFF	1	0002 LUMBER SCALER	1
0072 FOREMAN R R TRACK REPAIRER	1	0003 LUNBER INSPECTON	1
0073 FOREMAN SEC RR	1	0004 MEASURES LUMBER	1
0074 FOREMAN TRUCKING	1	533 Inspectors, n.e.c.	
0075 FOREMAND OF COAL YARD	1	0001 CAR INSPECTOR	7
0076 FOREMAND OF MINE	1	0002 CAR INSPECTOR ON R RD	5
0077 FOREMON OF FURNACE	1	0003 COTTON CLASSER	3
0078 FOREWOMAN	1	0004 DPTY INSP.R HIDES & ? AN.S	1
0079 FOREWOMAN FANCY STORE	1	0005 DRY GOODS INSPECTOR	1
0080 FORMAN IN A BOARD STABLE	1	0006 FIREMAN AT COAL BREAKER	1
0081 FORMAN IN FACTORY	4	0007 GAS INSPECTOR	1
0082 FORMAN IN LUMBER YARD	6	0008 GR. INSPECTOR	1
0083 FORMAN IN SAW MILL	2	0009 GRAIN INSPECTOR	1
0084 FORMAN OF FOUNDRY	1	0010 INSPECTOR FOR GAS CO	1
0085 FORMAN PILE DRIVER	1	0011 INSPECTOR OF HOLLOW SILVERWARE	1
0086 FORMAN RAFTING LUMBER	1	0012 INSPECTOR OF RAIL ROAD	1
0087 FORMAN WORKS IN BAKERY	1	0013 INSPECTOR OF TELEPHONES	1
0088 FORME MAN IN WIRE MILL	1	0014 INSPECTOR S M CO	1
0089 FORRAN NAIL CO	1	0015 MEAT INSPECTOR	1
0090 GANG BOSS ON COAL WHARF	1	0016 PROVISION INSPECTOR	1
0091 IRON MILL FOREMAN	1	0017 SCREW INSPECTOR	1
0092 LIVERY STABLE BOSS.	1	0018 TELEGRAPH INSPECTOR	1
0093 LOOM BOSS COTTO MLL	1	0019 TOBACO INSPECTOR	1
0094 MILL FOREMAN	1	0020 WOOL GRADER	2
0095 MILL OVERSEER	1	534 Jewelers, watchmakers, etc.	
0096 MINER BOSS	2	0001 CLOCK MAKER	3
0097 OIL WORKS FORMAN	1	0002 CLOCK REPAIRER	4
0098 OVERSEER C MILL	1	0003 GOLDSMITH	2
0099 OVERSEEN IN BRAID FACTORY	1	0004 JEWELER	125
0100 OVERSEER IN BLEACHERY	1	0005 JEWELER + PLATE DEALER	1 X
0101 OVERSEER IN COTTON FACTORY	1	0006 JEWELLER & WATCH M	1
0102 OVERSEER IN COTTON MILL	7	0007 JEWELLER ? RINGS	1
0103 OVERSEER IN RUBBER SHOP	1	0008 JEWELLER AND ENGRAVER	1
0104 OVERSEER IN STONE QUARRY	1	0009 JEWELRY	5
0105 OVERSEER IN WOOLEN MILL	4	0010 JOURNEYMAN JEWELER	1
0106 OVERSEER OF DYEING	2	0011 MAKING JEWELRY	1
0107 OVERSEER OF FIREMAN STATIONARY	1	0012 MAN. JEWELER	1
0108 OVERSEER OF MILL YARD	1	0013 REPAIRING JEWELLRY	1
0109 OVERSEER OF OIL BUSINESS	1	0014 REPAIRS CLOCKS WATCHES	1 V
0110 OVERSEER OF PACKING HOUSE	1	0015 REPAIRS WATCHES	1
0111 OVERSEER OF SHOP	1	0016 SILVERSMITH	14
0112 OVERSEER STACK MILLS	1	0017 WATCH CORE MAKER	1
0113 OVERSEER THREAD MILL	1	0018 WATCH MAKER	39
0114 R R FOREMAN	15	0019 WATCH MAKING	1
0115 R R GANG BOSS	1	0020 WATCH REPAIRER	9
0116 R R OVERSEER	2	0021 WORKS AT CLOCK MAKING	1
0117 R R SECTION BOSS	17	0022 WORKS AT CLOCKS	8
0118 R R SECTION MASTER	3	0023 WORKS AT JEWELRY	5 >
0119 SECTION BOSS	3	540 Linemen and servicemen	
0120 SECTION BOSS ON SEC 24	1	0001 TELEGRAPH LINE MAN	1
0121 SECTION BOSS PENNA RR	1	0002 TELEGRAPH REPAIR LINE	1
0122 SECTION FOREMAN	4	0003 TELEGRAPH REPAIRER	6
0123 SECTION FOREMAN R R	8	0004 TELEGRAPH WIRE HANGER	3
0124 SECTION MASTER	3	0005 TELEPHONE MAN	1
0125 SECTION MASTER DLWRR	1	541 Locomotive engineers	
0126 SECTION MASTER ON RAILROAD	2	0001 ENGEER C P R	1

	0002	ENGINEER P.R.R.	3		0009	MACARICK & FARM	1
	0003	ENGINEER (DRIVER)	1		0010	MASTER MECHANIC	3
	0004	ENGINEER FOR RR CO	2		0011	MASTER MECHANIC IN MILL	1
	0005	ENGINEER FT W R R	1		0012	MECANNIC & FARMER	3
	0006	ENGINEER G T RY	1		0013	MECHANIC	95
	0007	ENGINEER L.E. R R	1		0014	MECHANIC ? WOOD	1
	0008	ENGINEER ON E. R.R.	1		0015	REPAIRER OF ? WRINGERS	1
	0009	ENGINEER R R R R	1		0016	REPAIRER OF BURGLAR ALARM	1
	0010	ENGINEER SCRR	1		0017	REPAIRING STOVES	1
	0011	ENGINEER STEAM R R	1		0018	REPAIRS GUNS & CLOCKS	1
	0012	ENGINEER, G.T. RY	1		0019	REPAR RINGERS	1
	0013	LOCOMOTIVE ENGINEER	38		0020	TESTING GUNS	1
	0014	LOCOMOTIVE R R ENGINEER	1		0021	WAGGON REPAIRER	2
	0015	R R ENGINEER	111		0022	WAGON SMITH	1
542		Locomotive firemen			0023	WHEELWRIGHT	120
	0001	FIRE-MAN ON TRAIN	1		0024	WOOD MECHANIC	1
	0002	FIREM LOCOM R R	1		0025	WORK LOCK SHOP	1
	0003	FIREMAN C.R.R.	3		0026	WORKS AT GUNSMITHING	1
	0004	FIREMAN M.C.R.R.	1		0027	WORKS WHEELRIGHT	1
	0005	FIREMAN ON ?SECLN ON R R	1		0028	WRIGHT MASTER	1
	0006	FIREMAN P.R.	1	555	Millers, grain, flour, feed, etc.		
	0007	FIREMAN R R CO.	1		0001	AT HOME MILLER	3
	0008	FIREMAN W R R	1		0002	FARMING MILL ? MEFTY	1
	0009	FIREMEN P R R	1		0003	FLOUR	1
	0010	FIRES ON LOCOMO	1		0004	FLOUR & GRIST MILL	1
	0011	LOCOMOTIVE FIREMAN	13		0005	FLOUR MAKER	1
	0012	R R FIREMAN	84		0006	FLOUR MILLER	4
543		Loom fixers			0007	GRIST MILL	3
	0001	A REPAIRER LOOM MAKER	1		0008	GRIST MILLER	6
	0002	LOOM FIXER	2		0009	KEEPING GRISS MILL	2
544		Machinists			0010	MERCHANT MILLER	3
	0001	BOLLER MACHINIST	1		0011	MILL OPPEATOR	1
	0002	BRASS MACHINIST	1		0012	MILLER	384
	0003	CAR MACHINIST	1		0013	MILLER & FARMER	5
	0004	INSTRUMENT MAKER	1		0014	MILLER & MERCHANT	1
	0005	IRON MACHINIST	3		0015	MILLER (GREAT MILL)	1
	0006	JOURNEYMAN MACHINIST	1		0016	MILLER - LUMBE	1
	0007	LAGINDA MA. S.	2		0017	MILLER FLOUR MILL	1
	0008	LEVERIR MACH	1		0018	MILLER GRST SAW	1
	0009	MACHINE	1		0019	MILLER IN FLOUR + GRIST MILL	1
	0010	MACHINEIST RR	7		0020	MILLER IN GRIST MILL	1
	0011	MACHINER HAND	1		0021	MILLER STEAM MILL	1
	0012	MACHINEST IN IRON	1		0022	MILLER TO HENRY'S M	1
	0013	MACHINEST WOOD	1		0023	MILLING	6
	0014	MACHINIST	803		0024	MILLING + BAKERY	1
	0015	MACHINIST & ENGINEER	1		0025	MILLMAN	5
	0016	MACHINIST + BLACKSMITH	1		0026	OPERATION G. MILLER	1
	0017	MACHINIST + TOOL MAKER	1		0027	RUNS A GRIST MILL	1
	0018	MACHINIST 10	1	560	Millwrights		
	0019	MACHINIST C.R.R.	1		0001	??LLS WRIGHT	1
	0020	MACHINIST ENGINEER	1		0002	MILLER & MILL RIGHT	1
	0021	MACHINIST IN AG WORKS	1		0003	MILLWRIGHT	90
	0022	MACHINIST IN FACTORY	1	561	Molders, metal		
	0023	MACHINIST IN SUSQ.A S	1		0001	BRASS & IRON MOULDER	1
	0024	MACHINIST LATHE HAND	1		0002	BRASS MOULDER	15
	0025	MACHINIST MOULDER	1		0003	I. MOULDER	1
	0026	MASTER MACHINE OF C.R.R.	1		0004	IRON MOULDER	92
	0027	MATHEMATICAL INSTRAMENT MKER	1		0005	JOURNEY MAN MOLDER	1
	0028	MECHANIST & MILLER	1		0006	MOLDER & AGT FOR BELLOWS	1
	0029	SEWING MACHINE MACHINIST	1		0007	MOLDER IN ? FOUNDRY	1
	0030	SURGICAL INSTRUM MAKER	3		0008	MOLDER IN IRON FOUNDRY	1
	0031	WKS SEWING MACHINE MACHINIST	1		0009	MOLLIABLE IRON W	1
	0032	WOOD MACHINIST	2		0010	MOULDER	259
553		Mechanics and repair, RR/car shop			0011	MOULDER IN FOUNDRY	7
	0001	ASST. M. M. RR SHOPS	1		0012	MOULDER IN HAMMER SHOP	1
	0002	CAR REPAIRER	4		0013	MOULDER IN IRON	2
	0003	CAR REPAIRS	1		0014	MOULDER OF STOVES	1
	0004	CAR-SMITH	1		0015	MOULDING	2
	0005	GENERAL MASTER MACANIC CC. R.	1		0016	STOVE MOULDER	17
	0006	MASTER MECHANIC R R	1		0017	WORK IN MOULDING	1
	0007	ON R R REPAIR	2	563	Opticians, lens grinders/polishers		
	0008	R R CAR REPAIRER	1		0001	LOOKING GLASS POLISHER	1
	0009	R R CAR SMITH	1		0002	LOOKING GLASSES	1
	0010	R R REPAIRER	2		0003	OPTICIAN	8
	0011	R R REPAIRSMAN	1		0004	SPECTACLE MAKER	1
	0012	R R ROUND HOUSE	2		0005	SPECTECLES	1
	0013	REPAIRS CARS	1		0006	WORKS OPTICIA	1
	0014	REPAIRS ON R.R.	2	564	Painters, construction and maint.		
	0015	RR REPAIREMAN	1		0001	?KALSOMNES	1
	0016	WORKS AT CAR REPAIRING	1		0002	FRESCA ARTIST	1
554		Mechanics and repairmen, n.e.c.			0003	FRESCO PAINTER	21
	0001	CARRIAGE BLKSMITH	1		0004	FRESCOER	4
	0002	CART WGHT	2		0005	HOUSE & SIGN PAINTER	10
	0003	COACH SMITH	4		0006	HOUSE AND ORNAMENTAL PAINTER	1
	0004	GEM MASTER MECH	1		0007	HOUSE PAINTED	1
	0005	GUN SMITH	34		0008	HOUSE PAINTER	170
	0006	H R MA?T? MECHANIC	1		0009	HOUSE PAINTING	2
	0007	L MECHANIC	1		0010	HOUSE PAINTING AND WORKS	1
	0008	LOCKSMITH	22		0011	HOUSE PAINTS	2

	0012 PAINTER	878		0012 ROLLING MILLER	1
	0013 PAINTER & DRIM??	1		0013 ROLLMAN	1
	0014 PAINTER & FARMER	1		0014 ROPLING MILL	1
	0015 PAINTER & SALOON KEEPER	1		0015 ROTERY MILL	1
	0016 PAINTER (DONT DO ANYTHING	1		0016 SHEET ?ROLLER	1
	0017 PAINTER OF WOOD	1		0017 STELL ROLLER	1
	0018 PAINTER SHIPER	1		0018 WORKING AT ROLLS	1
	0019 PAINTING	11	581	Roofers and slaters	
	0020 PAINTING ROOFS	1		0001 GRAVEL ROOFER	2
	0021 WKS HOUSE PAINTER	1		0002 GRAVEL ROOFING	1
	0022 WORKS AT PAINTING	3		0003 HOUSE ROOFER	1
565	Paperhangers			0004 IRON ROOFING	1
	0001 PAPER AND W WASHER	1		0005 JOUNEYMAN ? ROOFER	1
	0002 PAPER HANG	1		0006 ROOFER	13
	0003 PAPER HANGER	35		0007 ROOFER ESTAB-	1
	0004 PAPER-HANGING	1		0008 SHINGLER	2
	0005 WALL PAPER HOUSE	1		0009 SLATE & TIN ROOFER	1
	0006 WORKS IN PAPERING	1		0010 SLATER	18
570	Pattern/model makers, ex. paper			0011 SLATESMAN	1
	0001 ? PATTERN FILER	1		0012 TIN ROOFER	3
	0002 BRASS MODEL MAKER	1		0013 TIN ROOFING	1
	0003 MODEL BUILDER	1	582	Shoemakers and repair, ex. fact.	
	0004 MODEL MAKER	2		0001 AT SHOEMAKING	1
	0005 PAT AND MODEL MAKER	1		0002 BOOT & SHOE	8
	0006 PATTERN MAKER	47		0003 BOOT & SHOE & ? HOSE MAKER	1
	0007 PATTERN MAKER FOR ?OVES, ETC	1		0004 BOOT & SHOE MAKER	86
	0008 PATTERN S	1		0005 BOOT & SHOE MAKING	1
	0009 STENCIL CUTTER	3		0006 BOOT MAKER	33
571	Photoengravers and lithographers			0007 BOOTS & SHOES H & C	1
	0001 JOUR LITHOGRAPHER	1		0008 CARDWAINER	3
	0002 LITHOGRAPH	2		0009 COBBLER	8
	0003 LITHOGRAPH BINDER	1		0010 CUSTOM SHOEMAKER	1
	0004 LITHOGRAPHER	27		0011 LADIES SHOEMAKER	1
	0005 LITHOGRAPHING	2		0012 MAKES SHOES	2
	0006 LITHOGRAPHIC TRANSFER	1		0013 MAKING SHOES	2
	0007 LITHOGRAPHIC PRINTER	1		0014 REPAIRING SHOES	2
572	Piano and organ tuners and repair			0015 SHOE COBLER	1
	0001 MUSICAL TUNER	1		0016 SHOE CONTRACTOR	2
	0002 ORGAN TUNER	3		0017 SHOE MAKING	6
	0003 PAINO ACTION	1		0018 SHOE MASON	1
	0004 PIANO REPAIRER	1		0019 SHOE MENDING	1
	0005 PIANO TUNER	7		0020 SHOE REPAIRER	2
	0006 WORKS ON PIANOS	1		0021 SHOE-MAKER AND TANNER	1
573	Plasterers			0022 SHOEMAKER	912
	0001 ORNAMENTAL PLASTERER	1		0023 SHOEMAKER KEEPING HOUSE	1
	0002 PASTERER OF HOUSES	1		0024 SHOEMAKER & GROCER	1
	0003 PLASTER	23		0025 SHOEMAKER BY TRADE	1
	0004 PLASTER ? HOMES	1		0026 SHOEMAKER IN SHOP	1
	0005 PLASTER MASON	2		0027 SHOEMAKER, FARMER	1
	0006 PLASTER PARIS	1		0028 TRAIN SHOEMAKER	1
	0007 PLASTERER	240		0029 WORKS AT SHOEMAKING	2
	0008 PLASTERING	1	583	Stationary engineers	
	0009 STUCCO WORKER	2		0001 ? ENGR STY.	1
	0010 WORKING IN PLASTER	1		0002 ASST ENGINEER	1
	0011 WORKING IN PLASTER PARIS	2		0003 CADET ENGINEER	1
	0012 WORKS AS PLASTERER	1		0004 CHIEF ENGINEER	1
574	Plumbers and pipe fitters			0005 DUMMY ENGINEER	1
	0001 AT HOME GAS FITTER	1		0006 ENGINEER. MUCHINIST	1
	0002 GAS FITTER	32		0007 ENGINE BG ML	1
	0003 GAS FITTING	1		0008 ENGINE DRIVER	2
	0004 PIPE MENDER	1		0009 ENGINE ORETPER	1
	0005 PIPE SETTER	1		0010 ENGINEER	485
	0006 PLUMBER	124		0011 ENGINEER & DAUGHTMAN	1
	0007 PLUMBER & GAS FITTER	6		0012 ENGINEER & MACHINIST	1
	0008 PLUMBER + GAS FITTER	1		0013 ENGINEER (BOILER)	1
	0009 PLUMBER +C.	1		0014 ENGINEER (MECHANIC.L)	1
	0010 PLUMBER SHOP	1		0015 ENGINEER (STATIONARY)	2
	0011 PLUMBING	2		0016 ENGINEER AT AX HANDLE FAC	1
	0012 STEAM & GAS FITTER	1		0017 ENGINEER AT COAL ? BAN	1
	0013 STEAM TUPER	1		0018 ENGINEER AT GAS WORKS	1
	0014 STEAM FITTER	4		0019 ENGINEER AT LEVSON	1
	0015 STEAM SAW MILLER	1		0020 ENGINEER AT P. MILL	1
	0016 WORK PLUMBING	3		0021 ENGINEER AT STOVE FACTORY	1
	0017 WORKS AT PLUMBER	1		0022 ENGINEER B	1
575	Pressmen and plate printers			0023 ENGINEER CO???	1
	0001 LITHOGRAPHIC PRINTER	6		0024 ENGINEER COAL WKS	1
	0002 PLATE PRINTER	1		0025 ENGINEER CORE	1
580	Rollers and roll hands, metal			0026 ENGINEER ELEVATOR	1
	0001 ?FERDERS ROLLING MILL	2		0027 ENGINEER FLOUR MILL	2
	0002 BRASS ROLER	1		0028 ENGINEER FOR SMELTER	1
	0003 IRON ROLLER	2		0029 ENGINEER IN BBL FACTORY	1
	0004 IRON RUGHER	1		0030 ENGINEER IN C. MILL	1
	0005 M? ROLLING MILL	1		0031 ENGINEER IN FAC	2
	0006 ROLE TURNER	1		0032 ENGINEER IN FOUNDRY	1
	0007 ROLLER	3		0033 ENGINEER IN GRANITE WORKS	1
	0008 ROLLER IRON WORKS	1		0034 ENGINEER IN MACHINE S	1
	0009 ROLLER WORKER	1		0035 ENGINEER IN MILL	9
	0010 ROLLING MILL	9		0036 ENGINEER IN SAW MILL	5
	0011 ROLLING MILL HAND	1		0037 ENGINEER IN SHOE F	2

0038	ENGINEER IN SHOPS	1		0035	WORKS AT TAILORING	12
0039	ENGINEER IN STEAM MOTOR	1	591	Tinsmiths, coppersmiths, sheet metal		
0040	ENGINEER IN STOVE MILL	1		0001	BRASS	1
0041	ENGINEER IN TANNERY	1		0002	COPPER WORKER	1
0042	ENGINEER LUMBER MILL	1		0003	COPPERSMITH	24
0043	ENGINEER NAT PUB CO	1		0004	CORNICE MAKER	1
0044	ENGINEER PHOS CO	1		0005	METTLE	1
0045	ENGINEER R R SHOP	1		0006	SHEET IRON WORKER	1
0046	ENGINEER R. MILL	2		0007	SOLDERER ON TIN WARE	1
0047	ENGINEER STA	3		0008	TIN & COPPER SMITH	1
0048	ENGINEER T. MILL	1		0009	TIN + SHEET IRON WR.	1
0049	ENGINEER WATER WORKS	1		0010	TIN KNOCKER	1
0050	ENGINEERING	2		0011	TIN MAKER	1
0051	ENGINEERING FOR A S.S. MILL	1		0012	TIN PLATE WORKER	2
0052	ENGINEER GINGHAM MILL	1		0013	TIN SHOP	2
0053	ENGINEER IN ? ROLLING MILL	1		0014	TIN SMITH 21	1
0054	ENGINEER IRON BANK	1		0015	TIN SMITTY	1
0055	GLASS ENGINEER	1		0016	TIN WORKER	2
0056	MILL ENGINE ENGINEER	2		0017	TINKER	2
0057	MILL ENGINEER	2		0018	TINMAN	2
0058	OIL PUMPER	11		0019	TINNER	125
0059	PORTABLE ENGINEER	1		0020	TINNER & HARWARE	1
0060	PUMPING OIL WELL	2		0021	TINNER R R	1
0061	PUMPS OIL	1		0022	TINNERSMITH	1
0062	PUMPS OIL W	1		0023	TINSMITH	228
0063	RUNNING ENGINE	1		0024	TINSMITH CAN FAC	1
0064	RUNNING STAT'Y ENGINE	3		0025	TINSMITH IN MILL	1
0065	RUNS STEAM ENGINE	2		0026	WHITE SMITH	1
0066	S ENGINEER	1		0027	WK TINSMITH	1
0067	ST. ENGINEER	1		0028	WORKS AT TINNING	1
0068	STA ENGINEER	1	592	Tool makers, die makers/setters		
0069	STATIONARY	2		0001	AUGER MAKER	1
0070	STATIONARY ENGINEER	20		0002	DIE CUTTER	1
0071	STEAM ENGINEER	12		0003	DIE MAKER	2
584	Stone cutters and stone carvers			0004	DIE SINKER	1
0001	BLUE STONE CUTTER	1		0005	TOOL MAKER	6
0002	BROWN STONE CUTTER	1	593	Upholsterers		
0003	GRANITE CUTTER	3		0001	UPHOLSTERE	1
0004	GRANITE STONE CUTTER	1		0002	UPHOLSTERER	88
0005	MARBLE ?CARVOORER	1		0003	UPHOLSTERESS	2
0006	MARBLE CUTTER	51		0004	UPHOLSTEREY	1
0007	MARBLE SAWYER	1		0005	UPHOLSTERING	3
0008	MARBLE STONE CUTTER	2	594	Craftsmen and kindred workers, n.e.c		
0009	STONE CUTTER	221		0001	? LATHERS	1
0010	STONE CUTTER + FARMER	2		0002	? SELL MAKER	1
0011	STONE CUTTER LAB	1		0003	BARREL MAKER	5
0012	STONE DRESSER	1		0004	BEER BREWER	13
0013	STONE GRAVER CILLEOGRAPH	1		0005	BEER MAKER	1
0014	STONE LETTERER	1		0006	BREWER	49
0015	STONE MAKING	1		0007	BREWER & CORINER	1
0016	STONE MOULDER	3		0008	BREWERMEN	2
0017	WKS STONECUTTER	1		0009	CARPENTERS COOPER	1
585	Structural metal workers			0010	COOPER	418
0001	COLD IRON WORKER	1		0011	COOPER & FARMER	2
590	Tailors and tailoresses			0012	COOPER (KEEPS SHOP)	1
0001	? TANTIE WORK	1		0013	COOPER AND CARPENTER	1
0002	COAT MAKER	7		0014	COOPER MAKER	1
0003	COAT MAKING	1		0015	COOPERAGE	1
0004	COATS	2		0016	COOPERING	5
0005	CUTTER, TAILOR	3		0017	CUTLERER	1
0006	G TAILOR	1		0018	GLASS BLOWER	37
0007	JOUR TAILOR	2		0019	JER. COOPER	2
0008	KEEPING HOUSE & TAILORESS	1		0020	JURYMAN	1
0009	KEEPS TAILOR SHOP	1		0021	KEEPS COOPERAGE	2
0010	KEEPS TAILOR STORE	1		0022	LAGER BEER BREWER	1
0011	MAKES COATS	2		0023	LATHER	7
0012	MAKES VESTS	1		0024	LATHES	1
0013	MAKING COATS	4		0025	LATHING	1
0014	MERCHANT TAILOR	38		0026	MAESTER	1
0015	PANT & VEST MAKER	1		0027	MALSTER	8
0016	SUIT MAKING	1		0028	MASTER ARMORER	1
0017	TAILOR	739		0029	OAK COOPER	2
0018	TAILOR (W IN SHOP)	1		0030	RIGGER	16
0019	TAILOR + D G MT	1		0031	SAIL MAKER	22
0020	TAILOR ?TRIMINGS	1		0032	SAILMAKER U.S. NAVY	1
0021	TAILOR FOR SHOP	5		0033	SKILL MAKE	1
0022	TAILOR IN SHOP	1		0034	SPTS BLE COOPER	1
0023	TAILOR JOURNEYMAN	1		0035	WAGONRIGHT	2
0024	TAILORESS	330		0036	WKG COOPERER	1
0025	TAILORESS & DRESSMAKER	1		0037	WORKS AS BREWER	1
0026	TAILORESS ON COATS.	1		0038	WORKS AS COOPER	2
0027	TAILORING	32	595	Members of the armed forces		
0028	TAILORING FOR STORE	2		0001	2ND LIEU.	1
0029	TAYLOR STORE	2		0002	2ND LUT 1ST INFY	1
0030	VEST MAKER	28		0003	ARMY OFFICER	1
0031	VEST TAILORESS	1		0004	ARMY SURGEON	1
0032	WKG TAILOR	1		0005	ARTIFICES CO K 3 ARTY	1
0033	WORK'T TAILER	2		0006	B'DSM'N U.S.M.A.	2
0034	WORKS AS TAILORESS	2		0007	CADET	2

0008	CADET U.S.M.A.	2	0004	APPRENTICE MASON	1
0009	CAP U.S.A.	3	0005	APPRENTICE TO BRICK MASON	2
0010	CAPTAIN U S NAVY	1	602	Apprentice carpenters	
0011	CARPENTER IN NAVY	1	0001	APP TO SHIP CARPENTE	2
0012	CHF CLK. NAVAL OFFICE	1	0002	APP. WITH SHIP JOINER	2
0013	CLERK IN U S N	2	0003	APPRE?TICE TO CABINT	1
0014	CLERK QUARTERMASTER DEPT	1	0004	APPRENTICE CABINET MAKER	5
0015	CLERK U.S.A.	1	0005	APPRENTICE CARPENTER	9
0016	CLK SIGNAL SERVICE	1	0006	APPRENTICE HORSE SHOER	1
0017	CO. C. 25TH INFTRY	1	0007	APPRENTICE TO CABINET	2
0018	COLONEL U.S.A.	1	0008	APPRENTICE TO CABINET MAKER	4
0019	COMESARY SIARGANT U.S.A.	1	0009	APPRENTICE TO CARPENTER	22
0020	COMMANDING OFFICE	1	0010	APPRENTICE TO TURNER	1
0021	CORP. CO I. 11TH INFNTY U.S.A.	1	0011	APPRENTICE TO WHARF BUILDER	1
0022	CORPL OF MARINES	1	0012	APPRENTICE TO WOOD TURNING	1
0023	CORPORAL	1	0013	APPRENTICED CARPENTER	1
0024	ENLISED MAN USA	1	0014	ASSISTING AT CARPENTERING	1
0025	ENLISTED IN U.S. ARMY.	1	0015	CABINET APPRENTICE	2
0026	IN THE ARMY	1	0016	LEARNING CABINET MAKING	1
0027	IN U S NAVY	1	604	Apprentice machinists and toolmakers	
0028	INTELLIGENCE OFFICE	2	0001	AP IN MASCHIN SHOP	6
0029	KEEPS INTELLIGENCE OFFICE	1	0002	APP AT BALDWINS MACHINES	1
0030	L LT USA	1	0003	APP MACHINIST R R	1
0031	L?AND ADJ 1ST CAV	1	0004	APPR. MACH. OPERATING	1
0032	LEUT. U.S. ARMY	1	0005	APPRENTICE MACHINERY	1
0033	LIEUT MARINE CORPS	1	0006	APPRENTICE MACHINIST	14
0034	LIEUT U S A	3	0007	APPRENTICE TO MACHINE	1
0035	LT COL. U.S.A.	1	0008	APPRENTICE TO MACHINIST	12
0036	MA'G USA	1	0009	APPRENTICED MACHINIST	2
0037	MACHINIST SOLDIER IN U.S. ARMY	1	0010	APPRENTICED TO MACHINIST	2
0038	MAJOR U.S. ARMY	2	0011	LARNING MACHINIST	2
0039	MARINE	4	0012	MACHINIST APPRENTICE	2
0040	MASTER U S NAVY	1	0013	MACHINISTS APPRENTICE	1
0041	MIDSHIP IN NAVY	1	610	Apprentice plumbers and pipe fitters	
0042	NAVAL OFFICE N.J.	1	0001	APP PLUBER	1
0043	NAVAL OFFICER	2	0002	APPRENTICE GAS FITTER	1
0044	NAVY	1	0003	APPRENTICE PLUMBING	1
0045	NAVY	2	0004	APPRENTICE TO GAS FITTER	1
0046	NAVY PAYMASTER CLERK	1	0005	APPRENTICE TO PLUMBER	7
0047	NAVY REAR ADM	1	0006	APPRENTICE TO PLUMBING	1
0048	OFFICER ARMY	1	0007	APPRENTIECED AT PLUMBING	1
0049	OFFICER U.S.N.	1	0008	LEARNING PLUMBER TRADE	1
0050	PAY OFFICER U S A	1	0009	PLUMBERS APPR	3
0051	PRIV CO K 3 ARTY	12	611	Apprentices, building trades, n.e.c.	
0052	PRIVATE 7CAV	4	0001	APP PAPER HANGER	2
0053	PRIVATE CO I 21 U.S. INF.	1	0002	APPRENTICE PAINTER	3
0054	PRIVATE MARINE	1	0003	APPRENTICE PAINTING	2
0055	PRIVATE SOLDIER	1	0004	APPRENTICE TO PAINTER	5
0056	PRIVATE U.S.A.	1	0005	APPRENTICE TO PLASTER	1
0057	PRVT CO H 18 INF	1	0006	APPRENTICED PLASTERER	1
0058	PVT	16	0007	LEARNING TRADE (PAINTER)	1
0059	PVT CO B 14TH INFNT	1	0008	PAINTER APPRENTICE	1
0060	PVT CO G 14TH INFNT	1	0009	ROOFER AP	3
0061	REAR AMIRAL U.S.N	1	0010	SLATE CUTTERS APPRENTICE	1
0062	S. U S L S S	1	612	Apprentices, metalworking trades	
0063	SAILOR U S N	1	0001	APP ??? FOUNDRY	1
0064	SARGEANT U.S.A.	2	0002	APP R.R. BSMITH	1
0065	SERG CO K 3 ARTY	2	0003	APP TINNER	2
0066	SERGEANT & PHYCIAN	1	0004	APP TO ENGRAVER	1
0067	SERGT CO H.2D ?C7G	1	0005	APPENTICED TO MOULDING	1
0068	SIGNAL OFFICER	1	0006	APPR BLACKSMITH	8
0069	SOLDIER	121	0007	APPRC TO IRON MOULDER	1
0070	SOLDIER C.M D USA 2ND REG	1	0008	APPREN AT FILE WKS	1
0071	SOLDIER IN MARINE CORE	1	0009	APPRENTICE BRASS	1
0072	SOLDIER U.S.A.	20	0010	APPRENTICE MOLDER IRON	1
0073	STAYS IN THE ARMY	1	0011	APPRENTICE MOULDER	6
0074	STEWARD U S.N.	1	0012	APPRENTICE TINSMITH	1
0075	SURFMAN USLSS.	1	0013	APPRENTICE TO BLACKSMITH	17
0076	SURGEON USA	1	0014	APPRENTICE TO BOILER M.	1
0077	U N	1	0015	APPRENTICE TO IRON MOULDER	1
0078	U S MARINE	1	0016	APPRENTICE TO MOULDER	5
0079	U S N PAYMASTER	1	0017	APPRENTICE TO TINNER	4
0080	U.S. ARMY	1	0018	APPRENTICED TO FOUNDRY	1
0081	U.S. MARINE	2	0019	APPRENTICED TO TIN SMITH	6
0082	U.S. NAVY	3	0020	APPRENT BOILER MAKER	1
0083	U.S. OFFICER	1	0021	BLACKSMITH APPRENTICE	12
0084	U.S.NAVL SERVICE	1	0022	BOILER MAKER APP	1
0085	US MILITARY TRAINING SHIP	1	0023	BOILER MAKER, APP	1
0086	US. SIGNAL SERVICE	1	0024	DIE SINKERS APPRENTICE	1
0087	USSAILOR	1	0025	IRON MOLDER APPRENTICE	1
0088	WORKS U S ARMEY	1	0026	MOLDER APP	1
0089	WORKS U S ARMY	2	0027	MOULD MAKER APPRENTICE	2
			0028	MOULDERS APPREN	2
			0029	TINSMITH APPRENTICE	3
OPERATIVES AND KINDRED WORKERS			613	Apprentices, printing trades	
601	Apprentice bricklayers and masons		0001	APP PRINTER	2
0001	AP. BRICK YARD	1	0002	APP TO BOOKBINDER	2
0002	APPRENTICE TO MARBLE CUTTING	1	0003	APPRENTICE AT PRINTING	1
0003	APPRENTICE TO MASON	2	0004	APPRENTICE IN PRINTING OFFICE	1

0005	APPRENTICE TO PRINTER	6	0080	LEARNING BUTCHERING	1
0006	APPRENTICED TO PRINTER	2	0081	LEARNING DRESS MAKING	9
0007	APPRENTISED TO LITHOGRAPHER	1	0082	LEARNING MILLINERY	2
0008	APPRENTICED TO ???? PRINT	1	0083	LEARNING MOULDES	1
0009	BOOKBINDER'S APPRENTICE	1	0084	LEARNING MUSIC	1
0010	LEARNING PRINTER	1	0085	LEARNING SURVEYING	1
0011	LEARNING PRINTING	3	0086	LEARNING TELEGRAPHING	1
0012	PRINTER AP	3	0087	LEARNING TELEGRAPHY	2
0013	PRINTER'S APPRENTICE	3	0088	LERN COOPER	1
614	Apprentices, other specified trades		0089	MILL ?OFF ENTRCE	1
0001	AP TO CIGAR MAKER	8	0090	MILL ?OFFENTIC	1
0002	AP TO POCKET B MAKR	1	0091	OP GLASS BLOWER	1
0003	APOTHECARY APPRENT	1	0092	PHOTOGRAPH PRENTIS	2
0004	APP BAKER	7	0093	PIANO FINISHER (APPRENT)	1
0005	APP BOILER MAN	1	0094	SHOE FITTER AP	2
0006	APP CARRIAGE MAKER	2	0095	TELEGRAPH AP.	3
0007	APP PAPER BUSINESS	2	0096	TRIMMING APPRENTICE	1
0008	APP TELEGRAPH OPP	1	0097	TURNER. "AP"	1
0009	APP TO DRUGGIST	3	0098	VARNISHERS APPREN	1
0010	APP TO DRUGS	1	615	Apprentices, trade not specified	
0011	APP TO UPHOL	7	0001	APP TO STORE MANUFACTORY	1
0012	APP WATCH MAKING	2	0002	APPRENTICE	23
0013	APP. ? SAILOR	1	0003	APPRENTICE TO FAM	2
0014	APP. FILE TRADE	1	0004	APPRINTECED	1
0015	APP. TO SASH & BLIND	1	0005	LEARNING TRADE	2
0016	APP. TO SHOE MAKER	6	623	Boatmen, canalmen, and lock keepers	
0017	APP. WEAVER	1	0001	? RUNS ON BOAT	1
0018	APP.T ENGRAVING	2	0002	? STURN PULLER	1
0019	APPR CURRIER	1	0003	BOAT & S??E?	1
0020	APPR PAPER MAKING	1	0004	BOAT HAND	5
0021	APPR. SHIRT MAKING	1	0006	BOATING	13
0022	APPREN IN MILK SHOP	1	0007	BOATING ON RIVER	1
0023	APPRENTICE AT COACH MAKING	3	0008	BOATMAN	138
0024	APPRENTICE TO CIGAR FACTORY	2	0009	BOATS C ON CANAL	1
0025	APPRENTICE TO COOKING	1	0010	CANAL BOAT HAND	2
0026	APPRENTICE AT JEWELLING	4	0011	CANAL BOAT MANAGER	1
0027	APPRENTICE AT STONE CUTTING	1	0012	CANAL BOATMAN	13
0028	APPRENTICE BARBER & BOARDING	1	0013	CANEL MAN	1
0029	APPRENTICE BED MAKER	1	0014	CANLA BOAT 337	1
0030	APPRENTICE BUTCHER	11	0015	CAPT OF CANAL BOAT	5
0031	APPRENTICE CARRIAGE SHOP	1	0016	CAPTAIN OF RIVER BARGE	1
0032	APPRENTICE HAWTER	1	0017	DRIVER ON CANAL	1
0033	APPRENTICE IN MILL	1	0018	FLOAT DRIVER	2
0034	APPRENTICE IN TELEGRAPH OFFICE	1	0019	KEEPS LOCK	2
0035	APPRENTICE LAWYER	4	0020	LOCK TENDER	8
0036	APPRENTICE MOROCCO DRESSE	1	0021	LOCKTENDER ON PA CANAL	1
0037	APPRENTICE PICTURE FRAME MANUF	1	0022	OARSMAN	1
0038	APPRENTICE POCKET BOOKS	1	0023	ON CANAL	3
0039	APPRENTICE TO BRICK MAKER	1	0024	TENDS LOCK ON PA CANAL	1
0040	APPRENTICE TO CHAIN MAKER	2	0025	WATERMAN	10
0041	APPRENTICE TO CUTTER	1	0026	WORK AT DAM	3
0042	APPRENTICE TO DRESS MAKER	19	0027	WORK ON CANAL BOAT	6
0043	APPRENTICE TO GLASS ENGRAVER	1	0028	WORK ON LOCK	1
0044	APPRENTICE TO HARNESS MAKER	9	0029	WORKER OF OARS	1
0045	APPRENTICE TO MILLINER	14	0030	WORKS AT LOCK	1
0046	APPRENTICE TO OPTICA	1	0031	WORKS ON BOAT	3
0047	APPRENTICE TO PATTERN MAKER	1	0032	WORKS ON CANAL	3
0048	APPRENTICE TO PLOW MAKER	1	624	Brakemen, railroad	
0049	APPRENTICE TO SAIL MAKER	1	0001	BRAKE MAN-ON-CARS	1
0050	APPRENTICE TO STOVE STORE	1	0002	BRAKE R ROAD	1
0051	APPRENTICE TO TAILOR	16	0003	BRAKEMAN	74
0052	APPRENTICE TO WOOL SORTER	1	0004	BRAKEMAN CARS	2
0053	APPRENTICE TOOL MAKING	1	0005	BRAKEMAN ERIE RY.	1
0054	APPRENTICED TO ENGR.	1	0006	BRAKER	1
0055	APPRENTICED TO FLORIST	1	0007	BREAK ON CARS	1
0056	APPRENTICED TO FLOURING MILL	1	0008	BREAKER ON R R	6
0057	APPRENTICED TO MILLER	4	0009	FLAG MAN MET R ROAD	1
0058	APPRENTICED TO SILVERSMIT	1	0010	FLAGMAN	3
0059	APPRENTICED WHEEL WRIGHT	1	0011	FLAGMAN C.C.R.R.	1
0060	APPRINTICE AT PHOTO	1	0012	FLAGMAN P R R	1
0061	APPR TO MILLWRIGHT	1	0013	FLAGMAN R R	10
0062	APRENTICE (PLANNER)	1	0014	R R BRAKEMAN	129
0063	APRENTICE ARTIST	1	0015	R R STARTER	1
0064	APRENTICE IN TYPE.TOWN	1	0016	RAILWAY FLAGMAN	1
0065	APRENTICE TO LITHOGRAPH	1	625	Bus drivers	
0066	APRENTICE TO SADDLER	7	0001	?STA?G?MAN	1
0067	APRENTICE TO SASH MAKER	1	0002	BUSS DRIVER	7
0068	APRENTICE TO WAGGON MAKER	1	0003	COACH DRIVER	5
0069	ARCHITECT'S APPRENTICE	1	0004	OMNIBUS DRIVER	6
0070	BARBER & APPRENTICE	1	0005	STAGE DRIVER	20
0071	BARBER APPRENTICE	7	0006	STAGE DRIVER AND OWNER	1
0072	CANMAKING (AP)	1	631	Conductors, bus and street railway	
0073	CARPET APR	1	0001	CONDUCTOR (STREET CAR)	2
0074	CARRIAGE TRIMMER'S APPREN	1	0002	CONDUCTOR HORSE CAR RR	2
0075	CLERK APPRENTICE	1	0003	CONDUCTOR ON ? STREE ? RW	1
0076	FRINGE WEAVER APP	1	0004	H!!!! CONDUCTOR	1
0077	LEARING CEGAR TARDE	2	0005	HORN CAR CONDUCT	2
0078	LEARNIG MILLINRY TRADE	2	0006	ST R R CONDUCTOR	2
0079	LEARNING ARCHITECHURE	1	0007	STREET CAR CONDUCTOR	7

632	Deliverymen and routemen			0004 DYER IN WOOLEN MILL 3	1
	0001 DRIVER MILK WAGON	2		0005 DYES	1
	0002 DRIVES MILK TRUCK	1		0006 FUR SKIN DYER	1
	0003 DRIVES MILK WAGON	2		0007 GINHAM DYER	1
	0004 HAULING MILK	1		0008 SILK DYER	1
	0005 KH & PEDDES MILK	1		0009 STEAM DYE WORKS	1
	0006 MILK	1		0010 WHITENER	2
	0007 MILK DEALER	37		0011 WORKING IN ?YING ES????	1
	0008 MILK DEPOT	1		0012 WORKS AT DYE MILL	1
	0009 MILK PEDDLER	9		0013 WORKS IN BLUE WORKS	1
	0010 MILK ROUTE	2		0014 WORKS IN BLUEING FACTORY	1
	0011 MILK SHA?ER	1		0015 WORKS IN DYE HOUSE	7
	0012 MILK WOMAN	1		0016 WORKS IN DYE SHOP	1
	0013 MILKMAN	41		0017 WORKS IN DYE WORK	2
	0014 RETAIL MILK DEALER	1		0018 WORKS IN DYING 6	1
	0015 RETAILS MILK	1			
	0016 SELLS MILK	2			
	0017 WORK ON MILK WAGEN	1			
633	Dressmakers/seamstresses, ex. fac.			635 Filers, grinders, polishers, metal	
	0001 ? HOUSE DRESSMAKER	1		0001 ? SAW FILER	1
	0002 ?IN CELL??LOI DRESS	1		0002 AEXE FINISHER	2
	0003 ASSISTANT SEAMSTRESS	1		0003 AUGUR POLISHER	1
	0004 ASST DRESSMAKING	1		0004 AX GRINDER	1
	0005 AT SEAMSTRIYS	1		0005 BRANS POLISHER	2
	0006 BDR DRESSMAKER	1		0006 BRASS FINISHER	33
	0007 BLANKET MAKER	1		0007 BUFFER	2
	0008 CLOAK MAKER	18		0008 BURNISHER	6
	0009 CLOAKS	1		0009 CARD GRINDER	1
	0010 DOES SEWING	1		0010 CISORS GRINDER	2
	0011 DRESS ?MASS	1		0011 FILE SHARPENER	1
	0012 DRESS M + MILLINERY	1		0012 FILER IN LUMBER MILL	1
	0013 DRESS MAKER	1338		0013 GOLD PEN GRINDER	1
	0014 DRESS MAKER & TAILORESS	1		0014 GRINDER	1
	0015 DRESS MAKER + KH	3		0015 HOE POLISHER	1
	0016 DRESS MAKER AT HOME	1		0016 IRON FILER	1
	0017 DRESS MAKER. KEEPING	1		0017 IRON POLISHER	1
	0018 DRESS MAKING	150		0018 KNIFE GRINDER	1
	0019 DRESS MAKING AT HOME	1		0019 METAL POLISHER	1
	0020 DRESSMAKER AND MILINER	1		0020 POLISHER IN STOVE WKS	1
	0021 EMBROIDERER	3		0021 POLISHER OF STEEL	1
	0022 EMBROIDERESS	2		0022 RAZOR GRINDER	1
	0023 EMBROIDERIY	2		0023 SAW FILER	2
	0024 GENERAL NEEDLEWORK	1		0024 SAW POLISHER	1
	0025 HOME SEWING	1		0025 SHARPENS SAW	1
	0026 HSKPR & SEAMSTRESS	1		0026 SILVER BURNISHER	3
	0027 KNITS & SEWS	1		0027 STONE TOOL SHARPENER	1
	0028 MAKES CLOTHING	5		0028 STOVE FINISHER	1
	0029 MAKES DRESSES	4		0029 STOVE POLISH MANIC?	1
	0030 MAKING GARMENTS	1		0030 STOVE POLISHER	1
	0031 MANTUA MAKER	17		0031 SYTHE GRINDR	1
	0032 MENDER	1		0032 TOOL SHARPENER	1
	0033 NEEDLE WORK	2		641 Furnacemen, smeltermen, and pourers	
	0034 PLAIN SEWING	3		0001 AT FURNES	1
	0035 REPAIRING CLOTHS	1		0002 AT PUDLING IN MILL	1
	0036 SEAMSTRESS	654		0003 BELLFOUNDER	1
	0037 SEAMSTRESS BOARDER	1		0004 BOILER IN ROL MILL	1
	0038 SEWER	3		0005 BOILER NAIL WORKS	2
	0039 SEWERY	1		0006 BOILER OF IRON	1
	0040 SEWING	55		0007 BOTTOM FILLER IN FURNA	1
	0041 SEWING & KNITING	1		0008 BRASS ? FOUNDER	1
	0042 SEWING & TC	1		0009 BRASS FOUNDER	2
	0043 SEWING & WASHING	2		0010 BRASS MAKER	1
	0044 SEWING AT A TAILOR	1		0011 CASTER	5
	0045 SEWING AT HOME	2		0012 CASTLER	1
	0046 SEWING FOR SHOP	2		0013 COKE DRAWER	3
	0047 SEWING GIRL	11		0014 COPPER SMELTER	1
	0048 SEWING IN TAYLOR SHOP	1		0015 CUPOLA TENDER	1
	0049 SEWING OUT	1		0016 FILE FORGER	2
	0050 SEWING TAILOR	2		0017 FILLING AT FURNACE	1
	0051 SEWING WOMAN	3		0018 FOUNDER & MACHINIST	1
	0052 SEWING WORK	2		0019 FOUNDRY	2
	0053 SEWS	4		0020 FOUNDRY & MACHINE	1
	0054 SEWS + KNITS	1		0021 FOUNDRY + MACHINE SHOP	1
	0055 SEWS FOR CLOTHING STORE	1		0022 FOUNDRY + MACHINIST	1
	0056 SEWS FOR GOV	1		0023 FOUNDRYMAN	7
	0057 SEWS STOCKINGS	1		0024 FURNACE	1
	0058 TAKES IN SEWING	2		0025 FURNACE HAND	5
	0059 WKG DRESSMAKER	1		0026 FURNACE KEEPER	1
	0060 WORK IN A SIWING SHOP	1		0027 FURNACEMAN	5
	0061 WORKS AS SEAM STRESS	3		0028 GALVANIZED IRON WORKER	1
	0062 WORKS AT DRESS MAKING	13		0029 HELPER IN FOUNDRY	3
	0063 WORKS AT SEWING	1		0030 HELPER PUDDLER	2
	0064 WORKS IN EMBROIDERY	1		0031 IRON (PROV TOOL CO)	1
	0065 WORKS ON CLOAKS	1		0032 IRON BOILER	1
	0066 WORKS ON DRESSES	1		0033 IRON FOUNDER	2
634	Dyers			0034 IRON FOUNDRY	1
	0001 DYER	27		0035 IRON MILL	2
	0002 DYER & SCOURER	1		0036 IRON PUDDLER	4
	0003 DYER IN WOOLEN MILL	2		0037 IRON REFINER	1
				0038 IRON SMELTER	1
				0039 IRON WORKS	5

0005	APPRENTICE TO PRINTER	6	0080	LEARNING BUTCHERING	1
0006	APPRENTICED TO PRINTER	2	0081	LEARNING DRESS MAKING	9
0007	APPRENTISED TO LITHOGRAPHER	1	0082	LEARNING MILLINERY	2
0008	APPRENTICED TO ???? PRINT	1	0083	LEARNING MOULDES	1
0009	BOOKBINDER'S APPRENTICE	1	0084	LEARNING MUSIC	1
0010	LEARNING PRINTER	1	0085	LEARNING SURVEYING	1
0011	LEARNING PRINTING	3	0086	LEARNING TELEGRAPHING	1
0012	PRINTER AP	3	0087	LEARNING TELEGRAPHY	2
0013	PRINTER'S APPRENTICE	3	0088	LERN COOPER	1
614	Apprentices, other specified trades		0089	MILL ?OFF ENTRCE	1
0001	AP TO CIGAR MAKER	8	0090	MILL ?OFFENTIC	1
0002	AP TO POCKET B MAKR	1	0091	OP GLASS BLOWER	1
0003	APOTHECARY APPRENT	1	0092	PHOTOGRAPH PRENTIS	2
0004	APP BAKER	7	0093	PIANO FINISHER (APPRENT)	1
0005	APP BOILER MAN	1	0094	SHOE FITTER AP	2
0006	APP CARRIAGE MAKER	2	0095	TELEGRAPH AP.	3
0007	APP PAPER BUSINESS	1	0096	TRIMMING APPRENTICE	1
0008	APP TELEGRAPH OPF	1	0097	TURNER. "AP"	1
0009	APP TO DRUGGIST	3	0098	VARNISHERS APPREN	1
0010	APP TO DRUGS	1	615	Apprentices, trade not specified	
0011	APP TO UPHOL	7	0001	APP TO STORE MANUFACTORY	1
0012	APP WATCH MAKING	2	0002	APPRENTICE	23
0013	APP. ? SAILOR	1	0003	APPRENTICE TO FAM	2
0014	APP. FILE TRADE	1	0004	APPRENTICED	1
0015	APP. TO SASH & BLIND	1	0005	LEARNING TRADE	2
0016	APP. TO SHOE MAKER	6	623	Boatmen, canalmen, and lock keepers	
0017	APP. WEAVER	1	0001	? RUNS ON BOAT	1
0018	APP.T ENGRAVING	2	0002	? STURN PULLER	1
0019	APPR CURRIER	1	0003	BOAT & S??E?	1
0020	APPR PAPER MAKING	1	0004	BOAT HAND	5
0021	APPR. SHIRT MAKING	1	0006	BOATING	13
0022	APPREN IN MILK SHOP	1	0007	BOATING ON RIVER	1
0023	APPRENTICE AT COACH MAKING	3	0008	BOATMAN	138
0024	APPRENTICE TO CIGAR FACTORY	2	0009	BOATS C ON CANAL	1
0025	APPRENTICE TO COOKING	1	0010	CANAL BOAT HAND	2
0026	APPRENTICE AT JEWELLING	4	0011	CANAL BOAT MANAGER	1
0027	APPRENTICE AT STONE CUTTING	1	0012	CANAL BOATMAN	13
0028	APPRENTICE BARBER & BOARDING	1	0013	CANEL MAN	1
0029	APPRENTICE BED MAKER	1	0014	CANLA BOAT 337	1
0030	APPRENTICE BUTCHER	11	0015	CAPT OF CANAL BOAT	5
0031	APPRENTICE CARRIAGE SHOP	1	0016	CAPTAIN OF RIVER BARGE	1
0032	APPRENTICE HAWTER	1	0017	DRIVER ON CANAL	1
0033	APPRENTICE IN MILL	1	0018	FLOAT DRIVER	2
0034	APPRENTICE IN TELEGRAPH OFFICE	1	0019	KEEPS LOCK	2
0035	APPRENTICE LAWYER	4	0020	LOCK TENDER	8
0036	APPRENTICE MOROCCO DRESSE	1	0021	LOCKTENDER ON PA CANAL	1
0037	APPRENTICE PICTURE FRAME MANUF	1	0022	OARSMAN	1
0038	APPRENTICE POCKET BOOKS	1	0023	ON CANAL	3
0039	APPRENTICE TO BRICK MAKER	1	0024	TENDS LOCK ON PA CANAL	1
0040	APPRENTICE TO CHAIN MAKER	2	0025	WATERMAN	10
0041	APPRENTICE TO CUTTER	1	0026	WORK AT DAM	3
0042	APPRENTICE TO DRESS MAKER	19	0027	WORK ON CANAL BOAT	6
0043	APPRENTICE TO GLASS ENGRAVER	1	0028	WORK ON LOCK	1
0044	APPRENTICE TO HARNESS MAKER	9	0029	WORKER OF OARS	1
0045	APPRENTICE TO MILLINER	14	0030	WORKS AT LOCK	1
0046	APPRENTICE TO OPTICA	1	0031	WORKS ON BOAT	3
0047	APPRENTICE TO PATTERN MAKER	1	0032	WORKS ON CANAL	3
0048	APPRENTICE TO PLOW MAKER	1	624	Brakemen, railroad	
0049	APPRENTICE TO SAIL MAKER	1	0001	BRAKE MAN-ON-CARS	1
0050	APPRENTICE TO STOVE STORE	1	0002	BRAKE R ROAD	1
0051	APPRENTICE TO TAILOR	16	0003	BRAKEMAN	74
0052	APPRENTICE TO WOOL SORTER	1	0004	BRAKEMAN CARS	2
0053	APPRENTICE TOOL MAKING	1	0005	BRAKEMAN ERIE RY.	1
0054	APPRENTICED TO ENGR.	1	0006	BRAKER	1
0055	APPRENTICED TO FLORIST	1	0007	BREAK ON CARS	1
0056	APPRENTICED TO FLOURING MILL	1	0008	BREAKER ON R R	6
0057	APPRENTICED TO MILLER	4	0009	FLAG MAN MET R ROAD	1
0058	APPRENTICED TO SILVERSMIT	1	0010	FLAGMAN	3
0059	APPRENTICED WHEEL WRIGHT	1	0011	FLAGMAN C.C.R.R.	1
0060	APPRENTICE AT PHOTO	1	0012	FLAGMAN P R R	1
0061	APPRT TO MILLWRIGHT	1	0013	FLAGMAN R R	10
0062	APPRENTICE (PLANNER)	1	0014	R R BRAKEMAN	129
0063	APPRENTICE ARTIST	1	0015	R R STARTER	1
0064	APPRENTICE IN TYPE.TOWN	1	0016	RAILWAY FLAGMAN	1
0065	APPRENTICE TO LITHOGRAPH	1	625	Bus drivers	
0066	APPRENTICE TO SADDLER	7	0001	?STA?G?MAN	1
0067	APPRENTICE TO SASH MAKER	1	0002	BUSS DRIVER	7
0068	APPRENTICE TO WAGGON MAKER	1	0003	COACH DRIVER	5
0069	ARCHITECT'S APPRENTICE	1	0004	OMNIBUS DRIVER	6
0070	BARBER & APPRENTICE	1	0005	STAGE DRIVER	20
0071	BARBER APPRENTICE	7	0006	STAGE DRIVER AND OWNER	1
0072	CANMAKING (AP)	1	631	Conductors, bus and street railway	
0073	CARPET APR	1	0001	CONDUCTOR (STREET CAR)	2
0074	CARRIAGE TRIMMER'S APPREN	1	0002	CONDUCTOR HORSE CAR RR	2
0075	CLERK APPRENTICE	1	0003	CONDUCTOR ON ? STREE ? RW	1
0076	FRINGE WEAVER APP	1	0004	H!!!! CONDUCTOR	1
0077	LEARING CEGAR TARDE	2	0005	HORN CAR CONDUCT	2
0078	LEARNIG MILLINRY TRADE	2	0006	ST R R CONDUCTOR	2
0079	LEARNING ARCHITECHURE	1	0007	STREET CAR CONDUCTOR	7

0052	LAB IN ORE BED	2	0141	WORKS AT GRANITE QUARY	1
0053	LAB IN QUARRY	1	0142	WORKS AT IRON MINE	1
0054	LAB IN S QUARRY	3	0143	WORKS AT MINE	6
0055	LAB ON MINE	2	0144	WORKS AT MINING	1
0056	LAB ON ORE BED	1	0145	WORKS AT QUARY	1
0057	LAB ON QUARRY	1	0146	WORKS IN ? OREFED	1
0058	LABORER AT COAL MINE	5	0147	WORKS IN BREAKER	4
0059	LABORER IN BREAKER	3	0148	WORKS IN C. MINES	1
0060	LABORER IN ORE MINE	2	0149	WORKS IN COAL	2
0061	LABORING C MINER	1	0150	WORKS IN COAL BANK	2
0062	LABORING IN MINES	7	0151	WORKS IN COAL BREAKER	13
0063	LABORS IN ORE BED	2	0152	WORKS IN COAL MINE	74
0064	LEAD MINER	14	0153	WORKS IN COLLIERY	1
0065	LODE MINER	7	0154	WORKS IN COP MINE	1
0066	MAINER	1	0155	WORKS IN IRON MINE	6
0067	MICA MINING	1	0156	WORKS IN LEAD MINES	1
0068	MINE DRIVER	5	0157	WORKS IN LIMESTONE	1
0069	MINE LAB	51	0158	WORKS IN MICA MINE	1
0070	MINE OPERATOR	1	0159	WORKS IN MINE	100
0071	MINE ZINC	2	0160	WORKS IN ORE BED	1
0072	MINER	1252	0161	WORKS IN ORE MINE	5
0073	MINER & PROSPECTER	1	0162	WORKS IN QUARRY	42
0074	MINER QUARTZ	1	0163	WORKS IN ROCK QUARY	3
0075	MINER'S APPI	1	0164	WORKS IN SLATE QUARRY	2
0076	MINERAL MINER	1	0165	WORKS IN STONE ??	1
0077	MINING & MILLING	1	0166	WORKS IN STONE QUARRY	29
0078	MINING AT PRESENT.DID WORK ON	1	0167	WORKS ON 1. SILVER MINE	1
0079	MINING BOSS	1	0168	WORKS ON BOOM	17
0080	MINING IN COLORADO	1	0169	WORKS ON BRAKER	2
0081	MINING ORE	2	0170	WORKS ON GRANITE QUARRY	1
0082	MINING PROSPECTOR	1	0171	WORKS ON ORE BK	1
0083	MINNING ON RR	1	661	Motormen, street, subway, and el.	
0084	MINOR SILVER	1	0001	ASST CAR DRIVER	1
0085	MULE DRIVER MINER	1	0002	BRAKEMAN ON ELEVATED RR	1
0086	OAR MINER	1	0003	CAR DRIVER	73
0087	ODORLESS EXCAVATORS	6	0004	CAR DRIVING	1
0088	OIL DRILLER	3	0005	CITY RAILWAY	1
0089	OIL WELL DRILLER	3	0006	DRIVE R R CAR	1
0090	ORE DIGGER	3	0007	DRIVER HORSE CAR RR	1
0091	ORE MINER	8	0008	DRIVES A STREET CAR	1
0092	PICKS SLATE	1	0009	DRIVES ON THE R R	1
0093	PICKS SLATE IN BREAKER	1	0010	DRIVING S'T CARS	12
0094	PIT BOOS (MINE)	1	0011	F. CAR DRIVER	1
0095	PIT BOSS	1	0012	HORSE CAR DRIVER	7
0096	PLACER MINER	48	0013	ON HORSE R R	2
0097	PROSPECTOR	22	0014	R R CAR DRIVER	1
0098	PROSPECTOR FOR MINES	1	0015	STREET C??????	1
0099	QUARRY	2	0016	TRANS DRIVER	3
0100	QUARRY HAND	4	670	Painters, except const. and maint.	
0101	QUARRY LAB	3	0001	? FURNITURE ? PAINTER	3
0102	QUARRY LABOR	1	0002	?POST PAINTER	1
0103	QUARRYMAN	43	0003	BUGGY PAINTER	2
0104	QUARRYMAN (STONE)	1	0004	CABINET FINISHER	3
0105	QUARTZ MINER	26	0005	CAR PAINTER	4
0106	ROCK DRILLER	1	0006	CARRIAGE & SIGN PAINTER	1
0107	ROCK HAULLER	1	0007	CARRIAGE PAINTER	58
0108	ROCK QUARRIER	1	0008	CHAIR POLISHER	1
0109	SILVER MINER	3	0009	CHAIR-PAINTER	1
0110	SILVER PICKER	1	0010	CHINA PAINTER	1
0111	SKIPPMAN	1	0011	COACH PAINTER	12
0112	SLATE PICKER	35	0012	COACH PAINTER AND PEDDLER	1
0113	SLATE PICKER AT MINES	1	0013	COFFIN VARNISHER	3
0114	SLAVEMAN	2	0014	DECORATOR	1
0115	STONE BLASTER	1	0015	ENAMELER	2
0116	STONE BREAKER	1	0016	FANCY PAINTER	1
0117	STONE QAURRY'ER	3	0017	FINISHER AT COFFIN FACTOR	1
0118	TIME ? MARKER IN QUARRY	1	0018	FINISHER IN FURN EST	1
0119	TRACK MAN IN MINE	1	0019	FINISHER OF WOOD	2
0120	WKS AT MARBLE Q	1	0020	FINISHIER	1
0121	WKS COAL MINES	8	0021	FURNITURE FINISHER	11
0122	WKS IN CLAY MINE	4	0022	FURNITURE POLISH	5
0123	WORK AT QUAIRES	1	0023	FURNITURE POLISHER & ASSE	1
0124	WORK IN COALING	1	0024	GOLD GILDER	1
0125	WORK IN LIME & QUARY	1	0025	GRAINER	6
0126	WORK IN LINE QUARRY	1	0026	GUILDER	3
0127	WORK IN ORE MINE	1	0027	GUILDER & PICTURE FRAME MAKER	2
0128	WORK IN SILVER MINE	2	0028	GUILDER OF FRAMES &C	1
0129	WORK IN THE MINES	2	0029	HOUSE SIGN PAINTER	1
0130	WORK ON STONE ?????Y	1	0030	JAPANER	6
0131	WORK ON STONE QUARRY	1	0031	JAPANESE	1
0132	WORKING AT BREAKER	1	0032	MACHINE PAINTER	1
0133	WORKING IN BREAK	2	0033	MANTEL FINISHER	1
0134	WORKING IN MINES	4	0034	ORNAMENTAL CHAIR PAINTER	1
0135	WORKS ???? MINE	1	0035	ORNAMENTAL DECORATOR	1
0136	WORKS AT COAL ?	1	0036	ORNAMENTAL JAPAN ???	1
0137	WORKS AT COAL ? BAN	2	0037	ORNAMENTAL PAINTER	1
0138	WORKS AT COAL BREAKER	7	0038	PAINTER FURNITURE	1
0139	WORKS AT COLE WORKS	1	0039	PAINTER IN CARRIAGE SHOP	1
0140	WORKS AT GOLD MINE	3	0040	PAINTER OF CAB	1

0040	PHOENIX IRON WORKS	1	0012	BUTCHER MAN	1
0041	PUBBLER OF IRON	1	0013	BUTCHER WORK	1
0042	PUDDLER	48	0014	BUTCHERING	4
0043	PUDDLER IN IRON WORKS	1	0015	JER BUTCHER	1
0044	PUDDLER IN MILL	1	0016	MEAT CARVER	1
0045	PUDDLER IN R.M.	5	0017	MEAT CUTTER	1
0046	PUDDLERS HELPER	1	0018	MEAT SHOP	1
0047	REFINER	2	0019	PORK BUTCHER	3
0048	SMLTER	4	0020	RETAIL BUTCHER	3
0049	SMLTER OF LEAD	1	0021	W. BUTCHER SHOP	2
0050	SMLTERMAN	1	0022	WORK FOR BUTCHER	2
0051	SPLTER CASTER	1	0023	WORKS AS BUTCHER	1
0052	STEEL BLOWER	1	0024	WORKS AT BEEF BUTCHERING	1
0053	WKS IN CAR FOUNDRY	2	0025	WORKS AT BUTCHERING	2
0054	WORKS AT ?IR WORK	1	0026	WORKS BY A BUTCHER	1
0055	WORKS AT FURNACE	46	0027	WORKS IN BUTCHER	2
0056	WORKS AT IRON FURNACE	7	0028	WORKS IN BUTCHER SHOP	12
0057	WORKS IN BLAST FURNACE	8	0029	WORKS IN BUTHER SHOP	3
0058	WORKS IN FOUNDRY	89	0030	WORKS IN MEAT ROOM	1
0059	WORKS IN IRON FORGE	1	0031	WORKS IN MEAT SHOP	2
0060	WORKS IN IRON FOUNDRY	28	645	Milliners	
0061	WORKS IN IRON FURNACE	2	0001	ASST MILLINER	2
0062	WORKS IN IRON MILL	54	0002	BONNET MAKER	10
0063	WORKS IN IRON WORKS	21	0003	DOES FANCY ? MILLINER	1
0064	WORKS IN SMLTER	2	0004	HAT MAKER	5
0065	WORKS IN SMLTING WORKS	1	0005	HATTER MAKER	1
0066	WORKS IN STEEL FACTORY	2	0006	HATTES	1
0067	WORKS IN STEEL FOUNDRY	1	0007	HATTIE	1
0068	WORKS IN STEEL MILL	12	0008	MAKES HATS	2
0069	WORKS IN STEEL WKS	6	0009	MAKING BONNETS	1
642	Heaters, metal		0010	MAN MILLINER	1
0001	HEATER	15	0011	MILLENRY BUS	1
0002	HEATER IN IRON MILL	1	0012	MILLINER	335
0003	HEATER IN R MILL	1	0013	MILLINER BOARDING	1
0004	HEATER WIRE MILL	1	0014	MILLINER & DRESSMAKER	9
0005	HEATER'S HELPER	2	0015	MILLINERY	29
0006	IRON HEATTER	1	0016	WORKS AT BONNET MAKING	1
0007	SHEET MILL HEATER	1	650	Mine operatives and laborers	
643	Laundry and dry cleaning operatives		0001	? FINMANOT MINES	1
0001	BLEACHER & DYER	2	0002	? MINE ?INCHER	1
0002	BLEACHERY	1	0003	AMALGEMATER	1
0003	BLEACHERY OPERATIVE	1	0004	ASSAYING ORES	1
0004	COLLAR IRONER	1	0005	BOSS AT COAL ? BAN	1
0005	FOLDER.	2	0006	BOSS AT COAL BREAKER	1
0006	HAT BLOCKER	1	0007	BOSS IN MINE	3
0007	HAT PRESSER	1	0008	BREAKER BOSS	4
0008	HEAD LAUNDRESS	1	0009	BREAKER BOY	2
0009	HIRE & WASHER	1	0010	COAL	1
0010	HSKPR & LAUNDRESS	2	0011	COAL DIGGER	27
0011	IRONER IN LAUNDRY	1	0012	COAL DIGGER 8	1
0012	KEEPING HOUSE & WASHING	2	0013	COAL HEAVER	2
0013	KEEPING HOUSE & WASHING FOR SOLDERS	1	0014	COAL LABORER	2
0014	KEEPING HOUSE AND LAUNDRESS	2	0015	COAL MINE	6
0015	KEEPING HOUSE AND WASHER	1	0016	COAL MINER	573
0016	KEEPS LAUNDRY	9	0017	COAL MINER & LABORER	1
0017	KH AND DOING WASHING	1	0018	COAL MINING	4
0018	KH AND WASH WOMAN	1	0019	COAL OPERATOR	3
0019	LAUNDREX	1	0020	COAL PASSER	1
0020	LAUNDRESS	307	0021	COAL ROLLER	1
0021	LAUNDRY	46	0022	COAL TRIMMER	1
0022	LAUNDRY HAND	1	0023	COAL WEIGHER	1
0023	LAUNDRY MACHINE	1	0024	COAL WHEELER	1
0024	LAUNDRY WOMAN	8	0025	COALHUFFER	1
0025	LAUNDRY WORK	5	0026	COLLIER	7
0026	LAUNDRYMAN	73	0027	COLLIER + FARMER	1
0027	SHIRT IRONER	2	0028	CONDUCTOR ON COAL MINE	1
0028	STARCHER IN LAUNDRY	1	0029	DIGING IRON ORE	1
0029	STRAW HAT BLOCKER	1	0030	DRAG MAN	1
0030	TAKES IN WASHING	11	0031	DRAGMAN	4
0031	WASH HOUSE	7	0032	DRAWS IRON ORE	2
0032	WASHING ?'CT	1	0033	DRAWS ORE	2
0033	WORKING ST CLEACHERY	1	0034	DRILLER PET??	2
0034	WORKS AT WASHER	1	0035	DRILLING WELLS	2
0035	WORKS AT WASHING	2	0036	DRILLS OIL WELLS	6
0036	WORKS IN BLEACHERY	10	0037	DRIVER IN MINES	4
0037	WORKS IN LAUNDRY	47	0038	DRIVER OF COAL ? CAR	1
0038	WORKS ON BLEACHERY	2	0039	DRIVG MULE IN MINE	3
644	Meat cutters, except slaughter house		0040	EMPTY IN MINE	1
0001	A BUTCHERING	1	0041	EXCAVATOR	1
0002	AT BUTCHER	1	0042	EXPLORER FOR IRON	1
0003	BACON CUTTER	2	0043	GOLD MINER	37
0004	BEEF BUTCHER	4	0044	GOLD MINING	7
0005	BUTCHER	718	0045	GOLD SEEKER	1
0006	BUTCHER & CLERK	1	0046	IN COAL BREAKER	1
0007	BUTCHER & FARMER	1	0047	IN QUARRY	4
0008	BUTCHER (SHOP)	1	0048	IRON MINER	18
0009	BUTCHER ?+ MEAT DEALER	1	0049	IRON ORE MINER	14
0010	BUTCHER AND PACKER	1	0050	LAB AT COLLIERY	1
0011	BUTCHER IN STORE	1	0051	LAB AT GOLD MINE	1

683	0010 KEEPS HACK	1	0089 TEAMING-BUSINESS	1
	Truck and tractor drivers		0090 TEAMS	1
	0001 "WAGON WATER"	1	0091 TEAMSTER	898
	0002 ?B G DRIVER	1	0092 TEAMSTER & CARPENTER	1
	0003 AT ? TEMSTER	1	0093 TEAMSTER & FARMER	1
	0004 BAKER WAGON DRIVER	1	0094 TEAMSTER (ICE)	1
	0005 BREWERY DRIVER	3	0095 TEAMSTER FOLLOWS HAULING	1
	0006 C??? DRIVER	1	0096 TEAMSTER U.S EX	1
	0007 CARRIER BY OXCART	1	0097 TEEMING IN CITY	1
	0008 CARRIES MILD TO FACTORY	1	0098 TEMSTER AT BREWERY	1
	0009 CART DRIVER	14	0099 TRUCK DRIVER	37
	0010 CARTER	22	0100 TRUCKING BUISNESS	1
	0011 CARTING & DRAYING	1	0101 TRUNK FUELMAN	1
	0012 CARTMAN	26	0102 WAGGONER & FARMING	1
	0013 CARTMAN TRUCKMAN	1	0103 WAGON MASTER	1
	0014 CITY EXPRESS DRIVER	1	0104 WAGON ON STREET	1
	0015 CITY EXPRESS WAGEN	1	0105 WAGONER	20
	0016 COAL HAULER	5	0106 WAGONER & FARMER	1
	0017 COMMERCIAL ? TRUC	1	0107 WOOD HAULER	4
	0018 DELIVERY WAGGON	1	0108 WORK AT DRIVING TEAM	1
	0019 DRADER	1	0109 WORK ON WAGGON	1
	0020 DRAYING	4	0110 WORK WITH TEAM	1
	0021 DRAYMAN	102	0111 WORKS AT WAGGONS	1
	0022 DRIVE TEAM	1	0112 WORKS AT WOOD TRUCKING	1
	0023 DRIVER	123	0113 WORKS FOR STAGE CO	1
	0024 DRIVER AT EX OFFICE	1	0114 WORKS HIS TEAM	2
	0025 DRIVER BOY	2	0115 WORKS ON EXPRESS	1
	0026 DRIVER C.F.D.	1	0116 WORKS ON ICE WAGON	1
	0027 DRIVER EXPRESS CO	1	0117 WORKS WITH TEAM	1
	0028 DRIVER FOR PAINT SHOP	1	684 Weavers, textile	
	0029 DRIVER FOR WAGON	1	0001 CARPET WEAVER	60
	0030 DRIVER ICE CO	2	0002 CLOTH WEAVER	3
	0031 DRIVER OF EXPRESS TEAM	1	0003 COTTON WEAVER	17
	0032 DRIVER OF MAIL WAGON	1	0004 FANCY WEAVER	2
	0033 DRIVER OF TRUCK OLEO MARGARINE FCTY	1	0005 FRINGE WEAVER	3
	0034 DRIVES ASH CART	1	0006 GINGHAM WEAVER	4
	0035 DRIVES BAKER'S CART	1	0007 HOUSE KEEPING & WEAVING	1
	0036 DRIVES BAKERY WAGON	1	0008 MKG OF WOLLIN CLOTH	1
	0038 DRIVES BUS WAGON	2	0009 PATTERN WEAVE WOOLN MILL	1
	0039 DRIVES DRAY	11	0010 POWER LOOM WEAVER	1
	0040 DRIVES ESCP. WAGON	1	0011 SHAWL WEAVER	2
	0041 DRIVES EXPRESS WAGON	7	0012 SILK FACTORY WEAVER	1
	0042 DRIVES FLOUR TEAM	1	0013 SILK WEAVER	11
	0043 DRIVES GRAIN TEAM	1	0014 STOCKING WEAVER	7
	0044 DRIVES HORSE	1	0015 TERRY WEAVER	1
	0045 DRIVES HORSE & CART	1	0016 WEAVE OF SILK	1
	0046 DRIVES HORSE TEAM	1	0017 WEAVE SHOP	1
	0047 DRIVES ICE CART	1	0018 WEAVER	105
	0048 DRIVES ICE WAGON	10	0019 WEAVER COTT OR WOOL	1
	0049 DRIVES JOB TEAM	1	0020 WEAVER GINGHAM MILL	1
	0050 DRIVES JOB WAGON	2	0021 WEAVER IN COTTON MILL	14
	0051 DRIVES MAIL WAGON	1	0022 WEAVER IN FACTORY	1
	0052 DRIVES SODA WATER WAGGON	1	0023 WEAVER IN MILL	2
	0053 DRIVES TRUCK TEAM	1	0024 WEAVER IN WOOLEN MILL	13
	0054 DRIVES WAGON	30	0025 WEAVER OF SILK	1
	0055 DRIVING MULE	2	0026 WEAVING	5
	0056 DRIVING TEAM	37	0027 WEAVING & HOUSEKEEPING	1
	0057 EXPRESS	13	0028 WEAVING CARPET	1
	0058 EXPRESS BUSS.	1	0029 WEAVING CARPETS	1
	0059 EXPRESS DRIVER	18	0030 WEAVR COTTON	5
	0060 EXPRESS WAGON MAN	1	0031 WOOLEN WEAVER	7
	0061 EXPRESSMAN	62	0032 WORK ? WEAVER	1
	0062 EXPRESSMAN FOR MARSH HARV	1	0033 WORKS AS WEAVER	2
	0063 FURNITURE WAGON DRIVER	1	685 Welders and flame-cutters	
	0064 GENERAL TEAMING	1	0001 AUGUR WELDER	1
	0065 GOVT. TEMASTER	1	0002 WELDER IN MILL WORKS?	1
	0066 HAULER	1	690 Operatives/kindred workers, n.e.c.	
	0067 HAULING FOR WORK	1	0001 2ND HAND SPOOL ROOM	1
	0068 HAULING ORE	1	0002 3.RD AVE RR STABLES	1
	0069 HAULS & TIES	1	0003 ? BON MAKER	1
	0070 HAULS GRAVEL	1	0004 ? CARMEN	1
	0071 HAULS PIG IRON	1	0005 ? CARPENT WORKS	1
	0072 HAY TEAMER	2	0006 ? CLOTH SPONGER	2
	0073 HOULS FOR A SAWMILL	2	0007 ? CORE MAKER	1
	0074 IA	1	0008 ? FACTORY	1
	0075 JOB TEAMSTER	1	0009 ? FREN MULDER	1
	0076 KEEPS WAGGON	1	0010 ? HAD CANER	1
	0077 MULE BOSS	1	0011 ? JUN HAMEK MAKER	1
	0078 MULE DRIVER	6	0012 ? LONNGRERE	1
	0079 MULE SKINNER	1	0013 ? MILLERHAND	1
	0080 PACK TRAIN MAN	2	0014 ? MUSHER	1
	0081 PICKS TRUCK	1	0015 ? PLANING MILL	3
	0082 RR TEAMSTER	1	0016 ? POTTER	1
	0083 RUNNING WAGON	2	0017 ? POV HANSON WORKS	1
	0084 RUNS AN EXPR WAGON	1	0018 ? SPAR MAKER	1
	0085 STONE HAULER	3	0019 ? STORERMAN	1
	0086 TEAMER	15	0020 ? TONK BUILDER	1
	0087 TEAMING	38	0021 ? TOPESSN & CANDY MANFTY	1
	0088 TEAMING 6	1	0022 ? TWISTER	1

0041	PAINTER-? CARRIA-	1	0070	WS ON WARF BOAT	1
0042	PIANO POLISHER	1	674	Sawyers	
0043	PIANO VARNISHER	2	0001	? NOT SAWING IN MILL	1
0044	PICTURE FRAME VARNISHER	1	0002	HEAD ? SAWYER	2
0045	PORT PAINTER	1	0003	HEAD SAWER IN STAVE MILL	1
0046	SIGN & ORN PAINTER	1	0004	JIG SAWYER	1
0047	SIGN PAINTER	10	0005	MILL SAWEER	2
0048	SIGN WRITER	1	0006	SAW MILL SAWYER	1
0049	VARNISHER	27	0007	SAW WOOD	1
0050	VARNISHER IN COFFIN FACTO	1	0008	SAWES IN MILL	1
0051	VARNISHER. IN FACTORY.	1	0009	SAWS LUMBER	1
0052	VARNISHES	1	0010	SAWS WOOD	2
0053	WORKS AS VARNISHER	1	0011	SAWYER	49
0054	WORKS ON FLOORING	1	0012	SAWYER IN MILL \	3
0055	W{ORKS} IN PAINT SHOP	1	0013	SAWYER IN S MILL	3
671	Photographic process workers		0014	SAWYER IN WOODS	1
0001	PHOTO PRINTER	1	0015	SCROLL SAWING	1
0002	WORKS FOR PHOTOGRAPHER	2	0016	SCROLL SAWYER	2
673	Sailors and deck hands		0017	SHINGLE SAWYER	4
0001	? ST BT MATE	1	0018	TURNER & SAWYER	1
0002	?MATE PROPELLER	1	0019	WHIP SAWYER	2
0003	AT SEA	6	0020	WOOD SAWYER	12
0004	ATTENDING FERRY	1	0021	WOOD SAWYER (STEAM)	1
0005	BAYMAN	11	0022	WORKS AT SAWING	1
0006	CABIN BOY	2	675	Spinners, textile	
0007	COASTER	1	0001	COTTON SPINNER	4
0008	COASTING	1	0002	JUTE SPINNER	1
0009	COMMON SAILOR	3	0003	SPINNER	11
0010	DECK HAND	9	0004	SPINNER IN COTTON MILL	1
0011	DECK HAND FERRY	1	0005	SPINNER IN WOODEN MILL	1
0012	DECK HAND ON RIVER	1	0006	SPINNER WORS. MILL	1
0013	DECK HAND STR. B	1	0007	SPINS	1
0014	DECKHAND S BOAT	1	0008	SPINS & ?	1
0015	DOCK HAND	2	0009	WOOLEN SPINNER	7
0016	FERRY MAUL	1	680	Stationary firemen	
0017	FERRY-MASTER	2	0001	?ENJINE	1
0018	FERRYMAN	10	0002	BOAT FIREMAN	1
0019	GOES IN SLOOP	1	0003	BOILER TENDER	2
0020	GOES TO SEA	1	0004	FEIERMAN IN FACTORY	1
0021	KEEPING FERRY	1	0005	FIREMAN	106
0022	KEEPS FERRY	2	0006	FIREMAN (STEAM SHIP)	1
0023	LAB ON VESSELS	1	0007	FIREMAN + TOBACCO MANFR	1
0024	LAKE SAILER	1	0008	FIREMAN AT GLASS WORKS	1
0025	LIGHTERMAN	4	0009	FIREMAN AT S MILL	1
0026	LINESMAN ON TUG "CLAUD"	1	0010	FIREMAN COAL WKS	1
0027	MANNER	1	0011	FIREMAN FLOUR MILL	1
0028	MARINER	48	0012	FIREMAN IN GAS WORKS	1
0029	ON RIVER BOAT	1	0013	FIREMAN IN MILL	2
0030	ON STEAM BOAT	5	0014	FIREMAN IN SALT B	1
0031	RIVER DRIVER	4	0015	FIREMAN IN SAW MILL	1
0032	RIVER MAN	12	0016	FIREMAN IN TANNERY	1
0033	ROUSTABOUT	1	0017	FIREMAN IN THREAD MILL	1
0034	ROUSTABOUT ON RIVER	4	0018	FIREMAN ON ENGEN	2
0035	RUNING ON RIVER	5	0019	FIREMAN ON RIVER	1
0036	RUNING STEAM ? SONDE	1	0020	FIREMAN ON STEAM	1
0037	S. BOAT DECK HAND	2	0021	FIREMAN ON STEAMBOAT	3
0038	SAILING	4	0022	FIREMAN ON TUG	1
0039	SAILOR	421	0023	FIREMAN ON TUG "CLAUD"	1
0040	SAILOR (MATE)	1	0024	FIREMAN PAPER ML	1
0041	SAILOR + PILOT	1	0025	FIREMAN S S	1
0042	SAILOR AT SEA	2	0026	FIREMAN SAW MILL	1
0043	SAILOR HAND	1	0027	FIREMAN SUGAR REF.	1
0044	SAILOR ON GV'MT BOAT	1	0028	FIREMAND ON R.Y.	1
0045	SAILOR ON TUG	1	0029	FIREMANIN CITY WATERWORKS	1
0046	SAILORS	1	0030	FIRIMAN ENGIN	1
0047	SEAFAIRING MAN	1	0031	STEAMBOAT FIREMAN	2
0048	SEAMAN	77	0032	STEAMER FIREMAN	1
0049	SEAWAY	1	0033	STOKER	2
0050	SHIP MATE	2	0034	WORKS FIRE MAN STATIONARY ENGINE	1
0051	SHIP RIGGER	1	681	Switchmen, railroad	
0052	STEAM BOAT DECK HAN	1	0001	ASS'T TRAIN MARKR	1
0053	STEAM BOATING	3	0002	CAR COUPLER	1
0054	STEAMBOAT HAND	13	0003	R R SWITCHMAN	13
0055	STEAMBOATING	3	0004	R.R. SHIFTER	1
0056	STEAMBOATMAN	15	0005	R.R. TRACK HOUSE	1
0057	TENS FIRY	1	0006	SWITCH KULLER R R	1
0058	UNION FERRY CO	1	0007	SWITCH TENDER	3
0059	WKS IN TUG	1	0008	SWITCHMAN	10
0060	WKS ON PILOT BOAT	1	0009	SWITCHMAN M C R R	1
0061	WORK ON STEAMER	1	682	Taxicab drivers and chaffeurs	
0062	WORKS IN COAL SHIP	1	0001	?HACKWALKER	1
0063	WORKS IN GOVT BOAT	3	0002	CARRIAGE DRIVER	11
0064	WORKS ON FARY	1	0003	CARRIAGE MASTER	1
0065	WORKS ON FERRY BOAT	1	0004	CITY CAR DRIVER	1
0066	WORKS ON PLOW SHIP	1	0005	DRIVING COUPE	1
0067	WORKS ON RIVER	4	0006	ENTRY DRIVER	1
0068	WORKS ON STEAM BOAT	7	0007	HACK DRIVER	29
0069	WORKS ON STEAMBOATS	1	0008	HACKMAN	21
			0009	HRD CARRAIGE	1

0202	CANE SHOP	2	0291	CIGARETTE MAKER	6
0203	CANES CHAIRS	1	0292	CIGARMAKER IN SHOP	1
0204	CANING CHAIRS	2	0293	CIGARS + C	1
0205	CANMAKER	2	0294	CIGARS TRIPPER	1
0206	CANNING FACTRY	1	0295	CINCH MKER	1
0207	CAP MAKER	11	0296	CISTERN MAKER	2
0208	CAPER	1	0297	CISTERN-BUILDER	1
0209	CAR BUILDER	10	0298	CLOCK FACTORY	1
0210	CAR MAKER	1	0299	CLOTH CLEANER	1
0211	CAR TRIMMER	1	0300	CLOTH CUTTER	8
0212	CARAGE MAKER & TRIMER	1	0301	CLOTH FINISHER	2
0213	CARD CUTTER	1	0302	CLOTH FINISHING	2
0214	CARD MAKING	1	0303	CLOTH PACKER	1
0215	CARDER	8	0304	CLOTH PRINTER	1
0216	CARDER IN COTTON MILL	1	0305	CLOTH SORTER	1
0217	CARDER IN WOLLEN MILL	1	0306	CLOTHING & FURNISHING SHOP	1
0218	CARMAN	36	0307	CLOTHING CUTTER	11
0219	CARPET	2	0308	CLOTHING MACHINE	1
0220	CARPET FACTORY	4	0309	CLOTHING SHOP	1
0221	CARPET FINISHER	1	0310	COACH LAMP ? MAKER	1
0222	CARPET LAYER	3	0311	COACH MAKER	15
0223	CARPET MAKER	3	0312	COAL BURNER	17
0224	CARPET MILL	8	0313	COALLER MAKER	1
0225	CARPET SETTER	1	0314	COAT TRIMMER	1
0226	CARPET SEWER	1	0315	COFFEE FINISH	1
0227	CARPET TAKER	1	0316	COFFEE GRINDER	1
0228	CARPETER	1	0317	COFFIN MAKER	2
0229	CARRAIGE MANUFY	1	0318	COFFIN WORKS	3
0230	CARRIAG ?PASUTS?	1	0319	COKE OVENS ATT.	1
0231	CARRIAGE BODY MAKER	2	0320	COLIER IN CHARCOAL	1
0232	CARRIAGE BOLT MAKER	1	0321	COLLAR BUTTER	1
0233	CARRIAGE BUILDER	9	0322	COLLAR FACTORY	2
0234	CARRIAGE BUS	2	0323	COLLAR MAKER	9
0235	CARRIAGE FACTORY	1	0324	COLLAR STAMPER	1
0236	CARRIAGE FINISHER	2	0325	COLLAR TURNER	2
0237	CARRIAGE IRONER	2	0326	COLLARSHOP	1
0238	CARRIAGE MAKER	84	0327	COLLERER IN PRINT WORKS	1
0239	CARRIAGE MAKER JUSTICE OF PEACE	1	0328	COLOR MAKER	1
0240	CARRIAGE SMITH	8	0329	COLORIST	1
0241	CARRIAGE SPRING MAKER	1	0330	COMB FACTORY	1
0242	CARRIAGE TRIMMER	40	0331	COMB MAKER	6
0243	CARRIAGE WOOD WORKER	6	0332	COMPOUNDER MED??	1
0244	CARRIAGE WORKER	1	0333	CONFECTIONAR	5
0245	CARRIAGE WORKMAN	1	0334	CONFECTIONER	58
0246	CARRIAGEM????WORKSINSHOP	1	0335	CONFECTIONERY	10
0247	CARRIGE TRAINER	1	0336	CONFECTIONERY & BAKERY	1
0248	CARTON MARKER	1	0337	CONFECTONIST	1
0249	CARVER	11	0338	CONVEYMAN	1
0250	CARVER (WOOD)	1	0339	CORDAGE MAKER	1
0251	CARVER IN ORGAN FACTORY	1	0340	CORE MAKER	2
0252	CARVING	1	0341	CORK CUTTER	1
0253	CASKET MAKER	1	0342	CORK FACTORY	3
0254	CATCHING BIRDS	1	0343	CORNICE WORKS	1
0255	CAULKER	14	0344	CORSET FACTOR	1
0256	CAULKER AND FARMER	1	0345	CORSET MAKER	11
0257	CEGAR FACTORY	1	0346	CORSET PRESSER	2
0258	CELLAR DIGGER	2	0347	CORSET STICHER	7
0259	CELLULOID FACTORY	1	0348	COT MILL HAND	5
0260	CHAIN MAKER	4	0349	COTTN	2
0261	CHAIR SEATING	2	0350	COTTON ? SHIKHER	1
0262	CHAIR SHOP	2	0351	COTTON COMPASS	1
0263	CHANDELIER MAKER	2	0352	COTTON FACTOR	2
0264	CHANDELIERS	1	0353	COTTON GIN MAKER	1
0265	CHARCOAL BURNER	4	0354	COTTON MILL	159
0266	CHARCOAL COLLIN	1	0355	COTTON MILL OP	9
0267	CHEESE BOX MAKER	2	0356	COTTON MILL OPERATERE	2
0268	CHEESE FACTORY	1	0357	COTTON SAMPLER	2
0269	CHEESE FACTORY HAND	2	0358	COTTON SCREWER	6
0270	CHEESE MAKER	33	0359	COUCH ? TRIMMER	1
0271	CHINA & GLASS MENDER	3	0360	COUCH MAKER	1
0272	CHINA PACKER	1	0361	CRACKER FAC WERK	1
0273	CHIPS BOXES	4	0362	CREAMERY	4
0274	CHOCOLATE MAKER	1	0363	CRIMPER	1
0275	CHOE CUTLER	1	0364	CRIMPER IN SHOE FACTORY	1
0276	CIDER MAKER	1	0365	CROCKERY PACKER	1
0277	CIGAR & MANUFACTORY & NEWS DEPOT	3	0366	CROPPER	10
0278	CIGAR ARTIST	1	0367	CURES OIL IN PLATE FACTY	1
0279	CIGAR BOX	1	0368	CURRIER	32
0280	CIGAR BOX MAKER	2	0369	CURRIER IN TANNERY	1
0281	CIGAR BUNCHER	1	0370	CURRYING SHOP	1
0282	CIGAR FACTORY	5	0371	CURTAIN ROLL FACT	2
0283	CIGAR MAKER	467	0372	CUT COLLARS	1
0284	CIGAR MAN	2	0373	CUTLER	2
0285	CIGAR MANUFACTORY	1	0374	CUTTER	10
0286	CIGAR PACKER	12	0375	CUTTER IN BOOT & SHOE	1
0287	CIGAR ROLLER	2	0376	CUTTER IN TAILERS.	1
0288	CIGAR SHOP	1	0377	CUTTER IN TAYLER SHOP	1
0289	CIGAR TUBES	1	0378	CUTTER IN TAYLOR	1
0290	CIGAR WORKS	1	0379	CUTTER OF CLOTHS	1

0023 ? WOOSTED WORK	1	0112 BODY MAKER	2
0024 ? WORKING IN ? CAR ? M	1	0113 BOE MAKER	1
0025 ?BUSLOR	1	0114 BOILER	9
0026 ?CARDER IN HORN WORK	1	0115 BOILER HELPER	5
0027 ?DRUMMER	2	0116 BOILS OIL (LINSEED OIL FACTORY)	1
0028 ?HARNESS TRIMING	1	0117 BOLSTERER	1
0029 ?RIVETER	1	0118 BOLT MAKER	4
0030 ?SESTY GAS CO.	1	0119 BONNET FRAME M?	1
0031 ?SPARKS MAKER	1	0120 BOOK & SHOE CREEK	1
0032 ?STOVE MAKER	1	0121 BOOM HANDE MAKER	1
0033 ?TERTS MAKER	1	0122 BOOT BOTTOMER	7
0034 ?WORKING IN MELL	1	0123 BOOT BOTTOMER & ? COOK	1
0035 ?WORKS IN OIL CLOTHING	2	0124 BOOT CUTTER	1
0036 ?WORKS IN ROPE WALK	1	0125 BOOT FITTER	5
0037 AGRICUL TOOL MAKER	2	0126 BOOT MAN	1
0038 AKG IN STOVE FACTORY	1	0127 BOOT PEGGER	1
0039 ALESES + BEER	1	0128 BOOT SHOP	2
0040 ANVIL FCTRY	1	0129 BOOT STITCHER HAND	1
0041 ARTESIAN W-BORER	3	0130 BOOT TREER	2
0042 ARTIFICIAL FLOWERS	2	0131 BOOTSIDER	1
0043 ASSISTS IN BAKERY	1	0132 BOTTLE SEALER	1
0044 AT CARPET MILL	1	0133 BOTTLER	7
0045 AT CARTRIDGE M.G	1	0134 BOTTLER OF L BEER	2
0046 AT COTTON MILL	1	0135 BOTTLES	1
0047 AT CURRYING	1	0136 BOTTLING WK	1
0048 AT ENGINE HOUSE M.C. RR	1	0137 BOTTOMING CHAIR	1
0049 AT HOME WRKS PAPER MILL	1	0138 BOTTON CHAIRS	1
0050 AT HOME IN THREAD MILL	1	0140 BOW MAKER	1
0051 AT ICE HOUSE	1	0141 BOX FACTORY	4
0052 AT POTTERY	1	0142 BOX MAKER	41
0053 AT PRINTING OFFICE	1	0143 BOX MAKER (PAPER)	2
0054 AT SADLER TRADE	1	0144 BOX NAILER	1
0055 AT SAW MILL	1	0145 BOX ON RR	1
0056 AT SCHOOL AND WORKS IN LUMBER MILL	1	0146 BOX PAPER MAKER	1
0057 AT SCHOOL SEAT CHAIRS	4	0147 BRACKET MAKER	1
0058 AT SHOE FACTORY	1	0148 BRAID MILL	2
0059 AT STONIE	1	0149 BRAID SHOP	1
0060 AT TAILOR	7	0150 BRAIDER	1
0061 AT WOOLEN MILL	1	0151 BRASS TURNER	3
0062 AT WORK IN ROPE WORK	1	0152 BRASS WORKER	2
0063 AT WORK ON R ROAD	1	0153 BREWER HAND	1
0064 ATENDS ON MILL	2	0154 BREWERS KNEGHT	1
0065 ATTENDS BAKERY	1	0155 BREWERY	5
0066 ATTENDS BRIST MILL	1	0156 BREWERY WORK	1
0067 ATTENDS SAWMILL	1	0157 BRICH MUSEM	1
0068 AWINING MAKER	9	0158 BRICK BURNER	1
0069 AWINING SEWER	1	0159 BRICK MAKER	70
0070 AX MAKER	4	0160 BRICK MILL	1
0071 AXLE MAKER	1	0161 BRICK MOULDER	22
0072 B + A R ROAD	1	0162 BRICKMAKER	31
0073 BABY CARRIAGE MAKER	1	0163 BRICKMAKING	15
0074 BACKER	2	0164 BRIGHT IRON ???? FACTORY	1
0075 BAG FRAMES	1	0165 BRISTLE DRESSER	1
0076 BAGGING FACT	2	0166 BROOM MAKER	41
0077 BARNS SAW MILL	1	0167 BROOM SHOP	2
0078 BARREL GLUER	1	0168 BRUSH FACTORY	1
0079 BASE BALL MAKER	1	0169 BRUSH MAKER	12
0080 BASKET	1	0170 BRUSH WORK	2
0081 BASKET & BRUSH	1	0171 BUGGY MAKER	1
0082 BASKET MAKER	48	0172 BUGGY SHOP	1
0083 BATCHMAKER IN GLASS WORKS	1	0173 BUME SHOP	1
0084 BEACHER	1	0174 BUNDLING IRON	1
0085 BEACKER SHOE FAC	1	0175 BURNER OF STONE	1
0086 BEAMER	1	0176 BURNING CHARCOAL	1
0087 BEAMHAND IN TANNERY	1	0177 BURNING COAL	1
0088 BEANS HAND LEATHER FACTORY	1	0178 BURNING LIME	2
0089 BEER BOTTLER	4	0179 BURNS BRICK	1
0090 BELL HANGER	1	0180 BURTON MAKER	1
0091 BELLWS MAKER	1	0181 BUSS MAKER	1
0092 BELT MAKER	7	0182 BUTT FACTORY OP.	1
0093 BIRD CAGE MAKER	1	0183 BUTTER PACKER	1
0094 BITT DRAWER	1	0184 BUTTON FACTORY	1
0095 BLACK CUTTER	1	0185 BUTTON FACTORY HAND	1
0096 BLACK SMITH HELP	1	0186 BUTTON HOLE	1
0097 BLACKSMITH HELPER	13	0187 BUTTON HOLE MACHINE	1
0098 BLEACHER	2	0188 BUTTON HOLE MAKER	3
0099 BLEACHER OF STRAW HATS	1	0189 BUTTON MAKER	7
0100 BLOCK FACER	1	0190 BUTTON POLISHER	1
0101 BLOCK MAKER	4	0191 BUTTON SHOP	1
0102 BLOCK PRINTER	1	0192 BUTTONHOLEFINISHERIN SHOP	1
0103 BLOCK TURNER	1	0193 C COLE BURNER	1
0104 BLOOMER	2	0194 C??? OPERATOR	1
0105 BO? TANNER	1	0195 CALICO PRINTER	2
0106 BOARD CRIMPER	1	0196 CALKER	4
0107 BOARDING WORKS ON R R	1	0197 CAMBRIC FINISHER	1
0108 BOAT CAULKER	1	0198 CAN CAPPER	1
0109 BOAT HYARD	1	0199 CAN MAKER	3
0110 BOBBIN MAKER	1	0200 CANDLEWICK MAKER	1
0111 BOBBIN SHOP	2	0201 CANDY MAKER	13

0558	HELPER IN ?GUIDE MILL	1	0647	IN SHIRT FACTORY	2
0559	HELPER IN MILL	2	0648	IN SHOE FACTORY	16
0560	HELPS SAW	1	0649	IN SHOE SHOP	13
0561	HEMP FACTORY	3	0650	IN SHOE TACKING	1
0562	HIDE SORTER	1	0651	IN STEAM FACTORY	2
0563	HINGE FACTORY	1	0652	IN STRAW SHOP	1
0564	HIREMAN SASH FACTORY	1	0653	IN SUGAR FACTY	1
0565	HOM CAR BUILDER	1	0654	IN TAILOR SHOP	4
0566	HOOP POLE SHAVER	1	0655	IN TANNING	1
0567	HOOP SHAVER	1	0656	IN THREAD FACTORY	1
0568	HOOPMAKER	2	0657	IN TOBACO FACTORY	1
0569	HORSE COLLAR MAKER	5	0658	IN VARNISH FACTORY	1
0570	HORSEMAN ON RAIL ROAD	1	0659	IN WATCH FACTORY	1
0571	HOSE & BELT MAKER	2	0660	IN WIRE MILLS	1
0572	HOSIERY	1	0661	IN WOLLEN MILL	5
0573	HOSIERY MILL	3	0662	IN WOOL.MILL KEEP.G HOUSE	1
0574	HUMAN HAIR WORKER	1	0663	IN WOOLEN FACTORY	1
0575	HUNTER	7	0664	IN WOOLEN MILL	27
0576	HUNTING	1	0665	IN WORSTED MILL	2
0577	HUNTING GOODS MANUFACTURE	1	0666	INDIA RUBBER	2
0578	ICE CRANE	1	0667	INSTRUCTRESS SEWING MACHINE	1
0579	ICE WEIGHER	2	0668	IRNING MAN TAILOR	2
0580	IMPLEMENTS SHOPS	1	0669	IRON RAILING	1
0581	IN "SHOE-KIT" FACTORY	1	0670	IRON RAILING MAKER	1
0582	IN BAKE SHOP	2	0671	IRON WORKER	5
0583	IN BITT FACTORY	1	0672	IVORY CUTTER	1
0584	IN BLEACHERY	2	0673	IVORY TURNER	5
0585	IN BOOK BINDERY	1	0674	JEWELER SHOP	4
0586	IN BOOT FACTORY	3	0675	JEWELRY MAKER	1
0587	IN BOOT SHOP	2	0676	JOURNEYMAN HARNESS MAKER	1
0588	IN BRASS FOUNDRY	1	0677	KEEPER OF BROWS HEAD LIGH	1
0589	IN BRASS MILL	3	0678	KEEPING H & IN COTTON MIL	1
0590	IN BREWERY	2	0679	KEEPS HOUSE + NOTIONS	1
0591	IN BUCKET FACTORY	1	0680	KH CIGAR MAKER	1
0592	IN CABINET SHOP	1	0681	KID FINISHER	1
0593	IN CAR FACTORY	1	0682	KNITTER	10
0594	IN CARPET MILL	1	0683	KNITTER OF HOSIERY	2
0595	IN CHAIN SHOP	1	0684	KNITTING FACTORY	4
0596	IN COOPER SHOP	1	0685	KNITTING MACHINE	4
0597	IN CORSET SHOP	4	0686	KNITTS STOCKINGS	1
0598	IN COTTON MILL	71	0687	L TRADE IN SHOP	1
0599	IN FACTORY	9	0688	L. WOOD TURNING	1
0600	IN FLOUR	1	0689	LABELS BOTTLES	1
0601	IN FOUNDRY	2	0690	LABTEN MILL	1
0602	IN FRUIT FACTORY	1	0691	LACE CAP MAKER	1
0603	IN FURNACE	2	0692	LACE CLEANER	3
0604	IN FURNITURE SHOP	1	0693	LACE MAKER	9
0605	IN GAS HOUSE	1	0694	LACE SEWER	1
0606	IN GLASS HOUSE	2	0695	LACE WEAVER	1
0607	IN GLASS WORKS	2	0696	LACE WORK	3
0608	IN GRIST MILL	1	0697	LACE WORKER	2
0609	IN HAT FACTORY	2	0698	LADIES TRIMMINGS	1
0610	IN HAT SHOP	4	0699	LADIES UNDERWEAR	1
0611	IN HEMP FACTORY	1	0700	LAIT MAKER	1
0612	IN HOSIERY	1	0701	LANTERN MAKER	2
0613	IN IRON FOUNDRY	1	0702	LAPPER TENDER FACTORY	1
0614	IN IRON MILL	3	0703	LARGER B BREWERY	1
0615	IN JEWELRY FACTORY	3	0704	LASH BRADER	1
0616	IN KIT SHOP	2	0705	LAST MAKER	4
0617	IN KNITTING HOUSE	1	0706	LASTER	1
0618	IN KNITTING MILL	1	0707	LASTER (SHOES)	1
0619	IN KNITTING SHOP	2	0708	LASTER IN SHOE FACTORY	1
0620	IN LATHER BOARD MILL	1	0709	LATH MAKER	1
0621	IN LEATHER SHOP	1	0710	LATHE SHOP	1
0622	IN MACHINE SHOP	6	0711	LEATH CURRIER	1
0623	IN MARBLE SHOP	1	0712	LEATHE TANNER	1
0624	IN MATCH SHOP	1	0713	LEATHER	1
0625	IN MILL	3	0714	LEATHER BELTING	1
0626	IN MITTEN FACTORY	2	0715	LEATHER CUTTER	2
0627	IN MOCCASIN SHOP	1	0716	LEATHER DRESSER	4
0628	IN NEEDLE-SHOP	2	0717	LEATHER FACTORY	2
0629	IN OIL WORKS	1	0718	LEATHER FINDINGS	1
0630	IN OYSTER HOUSE	1	0719	LEATHER FINISHER	1
0631	IN PAPER MILL	4	0720	LEATHER SPLITTER	1
0632	IN PENCIL FACTORY	1	0721	LEET HANDMILL	1
0633	IN PERFUMERY WORKS	1	0722	LIGHT HOUSE	4
0634	IN POCKET BOOK FAC	1	0723	LIGHTHOUSE KEEPER	1
0635	IN PRINT FACTORY	1	0724	LIME BURNER	5
0636	IN PRINTING OFFICE	2	0725	LINE MAKER	1
0637	IN QUILT FACTORY	2	0726	LINER & TIER	1
0638	IN RAIL SHOP	1	0727	LINGERIE MAKER	1
0639	IN RUBBER SHOP	1	0728	LIQUER CHANGR IN TANN	1
0640	IN RUBBER WORKS	1	0729	LITE MAKER	1
0641	IN SADDLE FACT	1	0730	LLOCK PACKER	1
0642	IN SASH & BLIND	1	0731	LOCK FACTORY	1
0643	IN SASH FACTORY	1	0732	LOCOMOTIVE WORKS	1
0644	IN SAW MILL	2	0733	LOOM MAKER	1
0645	IN SEWING MACHINE S	2	0734	LUMBER MILLING	1
0646	IN SHANK FACTORY	1	0735	LYEMAKER	1

0380	CUTTER ON CLOTHING	1	0469	FRINGE FACTORY	1
0381	CUTTER ON SHOES	1	0470	FRINGE MAKER	3
0382	DIPPER TENDER	1	0471	FRINGE MAKER IN SHOP	2
0383	DISTILLER	6	0472	FRINGE WORK	2
0384	DOES HAIRWORK	1	0473	FRUIT CANING	2
0385	DOOR BUILDER	1	0474	FRUIT PACKER	1
0386	DOOR MAKER	1	0475	FURNACE BUILDER	1
0387	DOOR MOULDER	1	0476	GALVANIZER	1
0388	DRAY MILLER	1	0477	GALVINIZING WIRE	1
0389	DREDGER	2	0478	GAS MAKER	4
0390	DREIER	2	0479	GAS WORKS	3
0391	DRESS CUTTER	1	0480	GAUGER	2
0392	DRESS TRIMMER	1	0481	GAUGES FOR DISTILLERY	1
0393	DRESS TRIMMING	3	0482	GILDER	17
0394	DRESSES FOWLS	1	0483	GLASS ?CASTER	1
0395	DRILLER	7	0484	GLASS AND PAINTS	1
0396	DRILLER (IRON)	1	0485	GLASS BONDER	1
0397	DRUMMER	6	0486	GLASS CUTTER	8
0398	DRUMMER FOR D.GOODS HOUSE	1	0487	GLASS FACTORY	1
0399	DRUMMERESS	1	0488	GLASS GRINDER	1
0400	DRY DOCK	1	0489	GLASS HOUSE	2
0401	DRYING CLAY	1	0490	GLASS HOUSE EMPLOY	3
0402	EDGE MAKER	1	0491	GLASS HOUSE HAND	1
0403	EDGE TOOL MAKER	1	0492	GLASS TACKER	1
0404	ELECTRO GOLD + SILVER PLATER	1	0493	GLASS WORKER	1
0405	ELECTRO PLATER	1	0494	GLASS WORKS	2
0406	ELECTROPLATER	1	0495	GLASSMAKER	3
0407	ELK R ROAD	1	0496	GLOVE CUTTER	6
0408	EMPL GAS CO	1	0497	GLOVE MAKER	13
0409	EMPL IN NAVY YARD	1	0498	GLOVER	3
0410	EMPLOY OF PORK HOUSE	1	0499	GLUE FACTORY	1
0411	EMPLOYE GAS CO	1	0500	GLUE MAKER	1
0412	EMPLOYE Y. RR.	2	0501	GOLD BEATER	3
0413	EMPLOYED IN A WOOLEN MILL	2	0502	GOLD CHAIN POLISHER	2
0414	EMPLOYED IN CIGAR FACTORY	1	0503	GOLD CUTTER	1
0415	EMPLOYED IN FACTORY	1	0504	GOLD LAYER	1
0416	EMPLOYED IN GAS WORKS	1	0505	GOLD LEAF CUTTER	1
0417	EMPLOYED IN TOY FACTORY	1	0506	GOLD PEN MAKER	1
0418	EMPLOYED IN WOOLEN MILL	2	0507	GOLD PLATER	1
0419	EMPLOYED IRON WORKS	1	0508	GOLD REFINER	1
0420	EMPLOYEE OF GAS TRUST	1	0509	GOODS PACKER	2
0421	EMPLOYEE OF NO??WORK	1	0510	GOV'T EMPLOY IN PAPER MILL	1
0422	ENGINE BUILDER	1	0511	GRAIN MEASURER	1
0423	ENGINE MAKER	1	0512	GRATESETTER	1
0424	ENGINE STOKER	1	0513	GREENERY KEEPER	1
0425	ENVEL. FOLDER	1	0514	GRINDER WOOLEN MILL	1
0426	ENVELOP FOLDER	1	0515	GUIDE ROLLER	1
0427	ENVELOPE MAKER	3	0516	GUN MAKER	1
0428	ENVELOPE MANN	1	0517	H.C. R.R.	1
0429	ENVELOPE. CUTTER	1	0518	HAIR BRUSHER	1
0430	FACTORY	1	0519	HAIR NET MAKER	1
0431	FACTORY GIRL	3	0520	HAIR WEAVER	1
0432	FACTORY HAND	8	0521	HAIR WI???	1
0433	FANCY WORK	1	0522	HAIR WORK	2
0434	FANNING MILL	1	0523	HAIR WORKER	4
0435	FANNING MILL MAKER	1	0524	HALTER	1
0436	FEATHER RENOVATOR	2	0525	HAMER MAKER	1
0437	FEATHERBED RENOVATER	1	0526	HAND AT ZINC WORKS	1
0438	FEEDING NAILS	1	0527	HAND IN DYE FACTORY	1
0439	FEL OPERATOR RAILWAY AND	1	0528	HAND IN SAW MILL	3
0440	FELT MILL	3	0529	HAND IN SUGAR HOUSE	1
0441	FERRALE MAKER	1	0530	HANDLE FACTY HAND	1
0442	FERRY CO EMPLOYE	1	0531	HARDENING HATS	1
0443	FILE CUTTER	14	0532	HARDWARE FACTY	1
0444	FILE MAKER	2	0533	HARDWARE SHOP	1
0445	FILE WORKS	1	0534	HARDWARE WORKS	1
0446	FILL SKIRTS	1	0535	HARNES MAKER WORKS IN	1
0447	FINISHER	5	0536	HARNESS	1
0448	FINISHER IN CLOTH FACTORY	1	0537	HARNESS & SADLERY	2
0449	FINISHER IN MILL	1	0538	HARNESS FACTORY	1
0450	FINISHER IN WOOLEN MILL	1	0539	HARNESS MAKER	245
0451	FINISHER ON ?PANTS	1	0540	HARNESS MAKER AND DEALER	1
0452	FINISHING O ALLS	1	0541	HARNES SHOP	1
0453	FINISHING PANTS	1	0542	HARNIS MAKER & FARMER	1
0454	FIRE BRICK MAKER	1	0543	HAT BLEECHER	1
0455	FISH PACKER	2	0544	HAT BLOCK MAKER	1
0456	FISHING ROD MKR	1	0545	HAT CURLER	1
0457	FLAG BUNTING	1	0546	HAT FACTORY	15
0458	FLAGGER	2	0547	HAT FINISHER	11
0459	FLAGS CHAIRS	1	0548	HAT SEWER	2
0460	FLAX DRESSER	1	0549	HAT SIZER	5
0461	FLOOR TILE WORK	1	0550	HAT TRIMMER	14
0462	FLOUR PACKER	2	0551	HATTER	64
0463	FLOWER BRANCHER	1	0552	HATTER & FURIER	1
0464	FLOWER MAKER	13	0553	HEELER & SHAVER	1
0465	FLUE SETTER R R	1	0554	HEELER IN SHOE FACTORY	2
0466	FOUNDRY SALT MFC	1	0555	HEELER OF SHOES	1
0467	FRAME GILDER	1	0556	HELPER B SMITH	4
0468	FRAME MAKER	3	0557	HELPER BLACKSMITH C.R.R.	2

0915	PLAINING MILL	2	1004	SADDLER	2
0916	PLAINING MILL HAND	6	1005	SADDLER+HARNESS	86
0917	PLANE MAKER	1	1006	SADDLERY	2
0918	PLANING & MOULDING MILL	1	1007	SADDLERY & HARDWARE	1
0919	PLATE POLISHER	1	1008	SAFE MAKER	2
0920	PLATER	1	1009	SALT BLOCK	1
0921	PLOW FITTER	1	1010	SALT BOILER	2
0922	PLOW MAKER	3	1011	SALT MAKER	3
0923	POCKET BOOK MAK	3	1012	SALT PACKER	2
0924	POCKET BOOK MFG	9	1013	SAMPLER COTTON	5
0925	POKET COOK MAKER	1	1014	SARDINE FAC	1
0926	POLISHER	1	1015	SASH & ? DOOR MAKER	3 2
0927	POP MAKER	8	1016	SASH & BLIND MAKER	2 11
0928	PORK PACKER	1	1017	SASH & BLINDS	2 2
0929	POT MAKER	8	1018	SASH FACTORY	2 1
0930	POTTER	1	1019	SASH MAKER	1 2
0931	POTTERMAKER	35	1020	SAW FACTORY	2
0932	POTTERY	2	1021	SAW HANDLE MAKER	1
0933	POULTRY PICKER	1	1022	SAW MAKER	1
0934	POWDER MAKER	1	1023	SAW MILL	6
0935	PRAM SHOP	1	1024	SAW MILL & FARMER	21
0936	PRESS BOY	2	1025	SAW MILL + RANCHMAN	1
0937	PRESS FEEDER	1	1026	SAW MILL HAND	1
0938	PRESSER FOR TAILOR	3	1027	SAW MILL MAN	14
0939	PRESSER IN GLASSWORK	1	1028	SAW MILL OPERATOR	8
0940	PRESSER IN STOCKING MILL	1	1029	SAW MILLER	2
0941	PRESSES EMBROIDERY	1	1030	SAW MILLING	6
0942	PRESSMAN	1	1031	SAW REPAIRING	3
0943	PRINT MAKER	3	1032	SCAB MAKER	1
0944	PRINT WORKS	1	1033	SCARF MAKER	1
0945	PRINT WORKS HAND	2	1034	SCISSORS MAKER	2
0946	PRINTER WORKS FOR	1	1035	SCREW FACTORY	1
0947	PRINTING OFFICE	3	1036	SCREW SHOP	1
0948	PRODUCER OF OIL	8	1037	SCREWTURNER	1
0949	PUMP MAKER	2	1038	SCRUBBER IN TANNERY	1
0950	PUMPER	4	1039	SEALING LOBSTER CANS	1
0951	PUNK MAN	1	1040	SEAM FITTER	1
0952	R R CAR TRACER	1	1041	SEARCHER	1
0953	R R L-R	1	1042	SEATING	1
0954	R R MAN	1	1043	SEATING CHAIRS	1
0955	R R SHOP	22	1044	SEATS CHAIRS	2
0956	R. ?SADDLR	3	1045	SEGAR	3
0957	R. R. TIR BUS.	1	1046	SEGAR ? COOK	1
0958	R.R. OPERATIVE	2	1047	SETTING UP ? BINDERS	1
0959	RAG MAN	1	1048	SEWER PIPE FACTORY	1
0960	RAG PICKER	1	1049	SEWING MACHINE	1
0961	RAIL MAKER	11	1050	SEWING MACHINE OPERATOR	1
0962	RAIL ROAD	1	1051	SEWING ME ?MACHINIST	16
0963	RAIL ROAD TIE CUTTER	33	1052	SEWS ON MACHINE	1
0964	RAIL ROAD WORK ON	4	1053	SHADE MAKER	1
0965	RAIL ROADER	1	1054	SHAKE MAKER	1
0966	RAIL ROADING	28	1055	SHEAR WORKER	1
0967	RAKE MAKER	16	1056	SHEARSMAN RG MILL	1
0968	RANGE & FURNACE WORKS	1	1057	SHING CUTTER	1
0969	RANGE MAKER	1	1058	SHINGLE MAKER	3
0970	RAPER BAGS MAKER	1	1059	SHINGLE MAKER AND FARM LAB	7
0971	RAY PICKER	1	1060	SHINGLE PACKER	1
0972	REAMER	1	1061	SHINGLE WEAVER	1
0973	REED MAKER	1	1062	SHIP CAULKER	1
0974	RENDERING FACTORY	1	1063	SHIP CORKER	8
0975	RENOVATING FEATHERS	1	1064	SHIRT CUTTER	1
0976	REPAIRHAND ON R R	1	1065	SHIRT LIFTER	7
0977	RIN MAKER	1	1066	SHIRT MAKER	3
0978	RIVET MAKER	1	1067	SHIRT MAKERS	40
0979	RODWARE R.R.	1	1068	SHIRT MAKING	2
0980	ROLLER IN TANNERY	1	1069	SHOE BINDER	1
0981	ROPE MAKER	1	1070	SHOE BOTTOMER	3
0982	ROPE WALKER	9	1071	SHOE CUTTER	6
0983	ROUGHER	1	1072	SHOE CUTTER IN FACTORY	29
0984	ROUGHING	1	1073	SHOE CUTTING	1
0985	RR EMPLOYEE	1	1074	SHOE FACTORY	1
0986	RR WIPER	54	1075	SHOE FELLING	20
0987	RUBBER CUTTER	1	1076	SHOE FILTER	1
0988	RUBBER TURNER	1	1077	SHOE FINISHER	1
0989	RUBBER WORKER	1	1078	SHOE FITTER	7
0990	RUBBER WORKS	8	1079	SHOE HEELER	19
0991	RUBBR WORK	3	1080	SHOE LASTER	1
0992	RUBER MILL	2	1081	SHOE OPERATOR	2
0993	RULE SHOP	1	1082	SHOE PASTER	3
0994	RUNNER HARDWARE	2	1083	SHOE SHOP	3
0995	RUNS AN ELEVATOR	1	1084	SHOE SHOP HAND	13
0996	RUNS ON R.R.	1	1085	SHOE STITCHER	2
0997	RUNS SEWING MACHINE	1	1086	SHOE TRIMMER	18
0998	S VA OPERATOR	1	1087	SHOEMAN IN FACTORY	1
0999	S.H. FINISHER	1	1088	SHOES-HEELER	1
1000	SACK MAKER	1	1089	SHOES-LASTER	1
1001	SADDLE & HARNESS MAKER	2	1090	SHOP HURDER	2
1002	SADDLE HARDWARE	4	1091	SHOTGUN MAKER WORKS IN FO	1
1003	SADDLE-MAKER	1	1092	SHUTTLE MAKER	1

1093	SILK DOUBLER	1	1183	STOCKING MILL	1
1094	SILK FACTORY	1	1184	STOCKING OPERATOR	1
1095	SILK FACTORY HELP	1	1185	STONE FACTORY	1
1096	SILK FINISHER	1	1186	STONE POLISHER	1
1097	SILK HATTER	2	1187	STORE MOLDER	1
1098	SILK MAKING	1	1188	STOVE	1
1099	SILK MILL	1	1189	STOVE CUTTER	1
1100	SILK PICKER	12	1190	STOVE MOUNTER	1
1101	SILK SHOP	1	1191	STRAW BONNET MAKER	13
1102	SILK WINDER	2	1192	STRAW HAT MAKER	2
1103	SILVER BEATER	13	1193	STRAW SEWER	2
1104	SILVER CUTTER	3	1194	STREET TAMPENS	1
1105	SILVER LAYER	1	1195	STRIPPER IN TACK SHOP	1
1106	SILVER PLATE WORKER	1	1196	SUGAR HOUSE	1
1107	SILVER PLATER	2	1197	SUGAR MAKER	5
1108	SIZZOR FACTORY	19	1198	SURGICAL SPLINT MAKER	2
1109	SKIN DRESSER	1	1199	SUSPENDER FACTORY	1
1110	SKIN FINESHER	1	1200	TACK PACKER	4
1111	SKIN SEWER	1	1201	TACKER	2
1112	SLATE CUTTER	2	1202	TAILOR SHOP	2
1113	SLATE MAKER	1	1203	TAILOR'S	7
1114	SLATE OPERATOR	4	1204	TAILOR'S CUTTER	1
1115	SLATE SHAVER	1	1205	TAN + CURRIER	4
1116	SLAUGHTERER	1	1206	TANERY	1
1117	SLEIGH MAKER	1	1207	TANK TENDER	2
1118	SLIPPER MAKER	2	1208	TANNER	1
1119	SOAP BOILER	4	1209	TANNER & CURIER	98
1120	SOAP MAKER	2	1210	TANNER & FARMER	3
1121	SOAP WORKS	7	1211	TANNERY. WORKS.	1
1122	SODA BOTTLER	1	1212	TANNING	1
1123	SODA FACTORY	1	1213	TAPE WEAVER	2
1124	SODA WATER	1	1214	TASSEL MKR	1
1125	SOLE BUTTER	1	1215	TAXIDERMIST	3
1127	SOLE CUTTER	1	1216	TAYLOR SHOP	2
1128	SOLE LAYER	2	1217	TEART MAKER	1
1129	SPAR MAKER	1	1218	TELEGRAPH CONSTRUCTION	1
1130	SPEAR MAKER	1	1219	TEND GRISS MILL	1
1131	SPILE DRIVER	1	1220	TENDS GISAND SAW MILLS	1
1132	SPINNER OF MITTALS	1	1221	TENT & AWNING MAKER	1
1133	SPLICER IN WIRE MILL	1	1222	TENT BUILDER	2
1134	SPLITS LEATHER	1	1223	THREAD FACTORY	1
1135	SPOKE FACTORY	1	1224	THREAD MILL	2
1136	SPOKE TURNER	1	1225	TIE CHAPPER	2
1137	SPONGER IN TANERY	1	1226	TILE CUTTER	1
1138	SPOOLER	1	1227	TILE MAKER	2
1139	SPOOLER IN CARPET MILL	2	1228	TILE MAKER FARMER	6
1140	SPOOLER IN MILL	1	1229	TIN & COPPER WORKS	1
1141	SPOOLER, WOOLEN MILL	2	1230	TIN CUTTER IN CANNING FACTORY	1
1142	SPOOLING	1	1231	TIN FOIL MAKER	1
1143	SPOON FACTORY	1	1232	TOBACCO CO????	1
1144	SPOON FACTORY AND FARMER	2	1233	TOBACCO DRUM'R	1
1145	SPRING & AXLE WORKS	1	1234	TOBACCO FACTORY	1
1146	SPRING BED	1	1235	TOBACCO FACTORY HAND	10
1147	SPRING BED MAKER	1	1236	TOBACCO ROLLER	3
1148	SPRING MAKER	4	1237	TOBACCO STEMER	2
1149	SPRING POLISHER	3	1238	TORPIDO MAKER	1
1150	SPRING SETTER	1	1239	TRACKER	1
1151	STAMPER	1	1240	TRANSPORTATION	1
1152	STAMPER + GILDER	1	1241	TRAPPER	1
1153	STARCH FACTORY	1	1242	TRAPPER & HUNTER	2
1154	STARCH IN BLEACHERY	2	1243	TREER IN BOOT FACTORY	1
1155	STARCH MAKER	1	1244	TRIMER?	1
1156	STAVE CUTTER	1	1245	TRIMMING ? CARRS	2
1157	STAVE JOINTER	1	1246	TRIMS HATS	1
1158	STAVE MAKER	1	1247	TRIMS IRON ON MILL	1
1159	STAYING	3	1248	TRUNK FACTORY	1
1160	STEAM DRILLER	1	1249	TRUNK MAKER	1
1161	STEAM HEATING	1	1250	TURN-SHOE MAKER	17
1162	STEAM MILL	1	1251	TURNER	4
1163	STEAMS GAS	1	1252	TURNER (WOOD)	18
1164	STEEL WORKER	1	1253	TURNER IN PLAINING MILL	2
1165	STEEL WORKS	1	1254	TURNER IN WOOD	1
1166	STEEL WORKS WORKER	1	1255	TURNER OF IRON	1
1167	STEMER	1	1256	TWISTER WORSTED MILL	1
1168	STEREOTYPER'S HELP	1	1257	TYPE CASTER	2
1169	STICHER OF SHOES	1	1258	TYPE FINISHER	2
1170	STILL HOUSE	2	1259	TYPE FOUNDER	1
1171	STILL MAN	1	1260	TYPE MAKER	3
1172	STILLER	1	1261	TYPE MARKER	2
1173	STILLHOUSE WATER	1	1262	TYPE MOULDER	1
1174	STILLS OIL	1	1263	TYPE PRESSER	2
1175	STITCHER	1	1264	UMBRELLA FACTORY	1
1176	STITCHER IN COLLAR FACTOR	1	1265	UMBRELLA MAKER	2
1177	STITCHES CORETS	2	1266	UMBRELLA-COVERER	10
1178	STITCHES IN SHOE SHOP	1	1267	UNLOCKS R.R. CARS	1
1179	STOCK BUTCHER	2	1268	UPPER LEATHER CUTTER & FARM HAND	1
1180	STOCK CUTTER	1	1269	VARNISH MAKER	1
1181	STOCK FITTER	1	1270	VENTILATOR	2
1182	STOCK YDS BUTCHER	1	1271	VINEGAR MAKER	1

1272	W AT BRICK WORKS	1	1361	WKS LINE FACTY	2
1273	W HARNES MAKER	1	1362	WKS SHO	1
1274	W IN GAS HOUSE	2	1363	WKS WHITING FAC	1
1275	W IN PAINT FAC'T	1	1364	WKS-IN-PAINT-MILL	1
1276	W IN W FACTORY	1	1365	WKS. IN MAULT HOUSE	1
1277	W'KS FELT HAT SHOP	1	1366	WO IN ?????? SHOP	2
1278	W'KS IN FELT SHOP	1	1367	WOKRS IN CITTE MILL	1
1279	W'KS IN TOY SHOP	4	1368	WOLLEN WARPER	1
1280	W. FOR L S' ? FY	2	1369	WOOD CARVER	1
1281	WAGGON & CARRIAGE MAKER	1	1370	WOOD MACHIN??	11
1282	WAGON AND FARMER MACHINS MAKER	2	1371	WOOD MOULDER	1
1283	WAGON FACT	1	1372	WOOD PACKER	2
1284	WAGON MAKER	1	1373	WOOD PLANER	1
1285	WAGON MAKER & FARMER	235	1374	WOOD POLISHER	1
1286	WAGON MAKER & REPAIRER	2	1375	WOOD TURNER	3
1287	WAGON MAKER AND DEALER IN AGRICULTU	1	1376	WOOD TURNER IN MILL	33
1288	WAGON SHOP	1	1377	WOOD WORKER	1
1289	WAGON WORKER	2	1378	WOOD WORKER ON MACHIY	9
1290	WALKING CANE MAKER	1	1379	WOOD WORKMAN	1
1291	WARP MAKER	1	1380	WOODCARVER IN SHOP	4
1292	WARPER IN WOOL MILL	1	1381	WOODEN BOX MAKER	1
1293	WARPINGER	1	1382	WOODEN WARE	1
1294	WASH COTTON MILL	1	1383	WOOL ASSORTER	1
1295	WASHER IN CARPET MILL	1	1384	WOOL BRAID	1
1296	WASHER IN DISTILLERY	1	1385	WOOL CARDER	1
1297	WASTE MILL	1	1386	WOOL CARDING & DYING	3
1298	WATCH CASE MAKER	1	1387	WOOL HAT MAKER	1
1299	WATCH CLEANER	1	1388	WOOL PULLER	1
1300	WATCH FACTORY	1	1389	WOOL SCOURER	1
1301	WATCH FACTORY HAND	4	1390	WOOL SORTER	1
1302	WATER CO. EMPLOYEE	2	1391	WOOL SPOOLER	9
1303	WATER WORK	1	1392	WOOL TURNER	2
1304	WELL DRILLER	1	1393	WOOLEN CARDER	1
1305	WELL DRIVER	1	1394	WOOLEN FACTORY	1
1306	WHEEL MAKER	3	1395	WOOLEN MILL	2
1307	WHEEL WORKS	1	1396	WOOLEN MILL HAND	54
1308	WHIP MAKER	1	1397	WOOLEN MILL OPERATION	2
1309	WHIP SHOP	2	1398	WOOLEN MILL WORKS	2
1310	WHISKY RECT.	2	1399	WOOLEN WORKER	1
1311	WHITE ? LEAD SHOP	1	1400	WOORK IN SHOVEL FACTORY	2
1312	WHITE LEAD FACT'Y	1	1401	WOR IN BOSTON MILL	1
1313	WICKE WOOLEN MILL	2	1402	WOR IN MDS FACT	1
1314	WIG MAKER	1	1403	WORK !	1
1315	WILSON S FACTORY	1	1404	WORK ? L S RY	1
1316	WINDER	1	1405	WORK ? WHIP SHOP	1
1317	WINDER BOBBIN	2	1406	WORK AT COMPANY	1
1318	WINDER IN COTTON MILL	1	1407	WORK AT JEWELRY	1
1319	WINDER OF THREAD	3	1408	WORK AT MACHINE	1
1320	WINDER OF YARN	1	1409	WORK AT SMITHS	1
1321	WINDOW BLIND MAKER	1	1410	WORK AT WOOD CARVING	1
1322	WINDS BOBBINS	1	1411	WORK BBOAT SHOP	2
1323	WINE BOTTLER	2	1412	WORK BELT SHOP	1
1324	WIRE CLEANER	1	1413	WORK BROOM MAKING	1
1325	WIRE DRAWER	1	1414	WORK COTON MCH	4
1326	WIRE MAKER	11	1415	WORK CUTTERY FACTORY	1
1327	WIRE SPOOLER	1	1416	WORK EATON C & B	4
1328	WIRE-WORKER	1	1417	WORK FOR DRESS MAKER	1
1329	WK ALPOCA MILL	1	1418	WORK FOR MEAT MARKET	3
1330	WK AT GOLD PLATIG	1	1419	WORK HARDWARE SHOP	1
1331	WK BAG FACTORY	1	1420	WORK HAT MF	5
1332	WK.S IN BLEACHERY	3	1421	WORK ICE CREAM	3
1333	WKS AT BLAST TE	1	1422	WORK IN ? CHENY ? BRO LYE HOUSE	1
1334	WKS AT CURYING	1	1423	WORK IN ?ILL WORKS	1
1335	WKS AT TOOL MAKING	5	1424	WORK IN ?MARBLE WORKS	1
1336	WKS BARREL FACTORY	1	1425	WORK IN BAGGING FACTORY	1
1337	WKS CARPET MILL	1	1426	WORK IN BENCH FACTORY	3
1338	WKS FOR ST CAR CO	3	1427	WORK IN BENCH MILL	1
1339	WKS GLASS MANFY	3	1428	WORK IN BLACK SHOP	1
1340	WKS IN ? CEDULOID FCT	1	1429	WORK IN BLIND & SASH FACTORY	25
1341	WKS IN AXLE SHOP	1	1430	WORK IN BOBBIN MILL	3
1342	WKS IN BOLT FACTY	1	1431	WORK IN BONFECTORY	1
1343	WKS IN CAR WKS	1	1432	WORK IN BRIDGE SHOP	1
1344	WKS IN CARTRIDGE SHOP	3	1433	WORK IN BUTTER TUB FACTORY	1
1345	WKS IN CHINA STORE	3	1434	WORK IN BUTTON MILL	2
1346	WKS IN COFFIN FACTORY	1	1435	WORK IN CANNERY	5
1347	WKS IN COLLAR FACTORY	1	1436	WORK IN CARPENTER ST	2
1348	WKS IN DOCK SHOP	5	1437	WORK IN CARPET LASTING WORKS	1
1349	WKS IN FOUNDRY	1	1438	WORK IN CARTRIDGE FACTORY	1
1350	WKS IN FURNACE	10	1439	WORK IN CHAIR MFT	3
1351	WKS IN HAT MFTY	3	1440	WORK IN CHROME WORK	2
1352	WKS IN KNITTING EST	2	1441	WORK IN COACH SHOP	1
1353	WKS IN LOCOMOTIVE RR	1	1442	WORK IN CORD FACTORY	1
1354	WKS IN MACHINE FACTY	1	1443	WORK IN CUTTING SHOP	1
1355	WKS IN SAFE FACTY	2	1444	WORK IN EMERY MILL	1
1356	WKS IN SILVER PLATING SHOP	2	1445	WORK IN FOLDING CHAIR FAC	2
1357	WKS IN STON FOUNDRY	2	1446	WORK IN FURNITURE	1
1358	WKS IN STORE FACTORY	2	1447	WORK IN G FACTORY	1
1359	WKS IN TOBBACCO SHOP	1	1448	WORK IN GRAIN MILL	1
1360	WKS IN WATCH SHOP	5	1449	WORK IN GS MILL	1

1450	WORK IN HOOP SKIRT FACTOR	1	1539	WORKS ? F R R	1
1451	WORK IN HOSIERY FAC.	1	1540	WORKS @ S WORKS	1
1452	WORK IN IVORY FACTORY	3	1541	WORKS A WAGON MAKING	5
1453	WORK IN KNITTING FACTORY	2	1542	WORKS ABOUT GRIST MILL	1
1454	WORK IN LADIES UNDERWEAR	7	1543	WORKS AS CIGAR MAKER	1
1455	WORK IN LEAD MILL	1	1544	WORKS AT ? BARK MILL	1
1456	WORK IN MARBLE SHOP	1	1545	WORKS AT ? SAW FACTORY	1
1457	WORK IN MILL YARD	1	1546	WORKS AT ? STEAM MILL	1
1458	WORK IN MILLINERY SHOP	1	1547	WORKS AT ? TEN FURNITURE	1
1459	WORK IN MOWING MACHINE FACTORY	2	1548	WORKS AT ?FLEECING MILL	1
1460	WORK IN NAIL FACTY	1	1549	WORKS AT ?TINFOIL	1
1461	WORK IN PIAN MANFTY	4	1550	WORKS AT AUGUR MILL	1
1462	WORK IN PIANO KEY SHOP	2	1551	WORKS AT AWNING FACTY	1
1463	WORK IN PICTURE FRAME FACTY	1	1552	WORKS AT BK WORKS	2
1464	WORK IN PRINTERY	2	1553	WORKS AT BLACKING MFG	1
1465	WORK IN PULP WORKS	1	1554	WORKS AT BOILER SHOP	1
1466	WORK IN R MILL	1	1555	WORKS AT BOTTLE MANF	1
1467	WORK IN RAKE MILL	1	1556	WORKS AT BRAN MILL	1
1468	WORK IN SAFE MFT	1	1557	WORKS AT BRICK MAKING	1
1469	WORK IN SASIPIS MILL	1	1558	WORKS AT BRICKS	1
1470	WORK IN SEWING MACHINE SHOP	1	1559	WORKS AT BROWN FAC	1
1471	WORK IN SHASH SHOP	2	1560	WORKS AT CAB SHOP	1
1472	WORK IN SHOE HOUSE	2	1561	WORKS AT CABINET M	2
1473	WORK IN SHOEMAKER	1	1562	WORKS AT CAR STABLE	2
1474	WORK IN SHOP YARD	1	1563	WORKS AT CARPENTERS	4
1475	WORK IN SLAGHTER HOUSE	2	1564	WORKS AT CARRIAGE MAKER	1
1476	WORK IN SOIL MILL	5	1565	WORKS AT CARRING	1
1477	WORK IN SPRING SHOP	1	1566	WORKS AT CEMENT MILL	1
1478	WORK IN STEEL MILL	1	1567	WORKS AT CHEMICAL WORKS	3
1479	WORK IN SUGAR HOUSE	1	1568	WORKS AT CIGARETTES	1
1480	WORK IN SUGAR MILL	7	1569	WORKS AT CLOTH FACTORY	2
1481	WORK IN TACK SHOP	1	1570	WORKS AT CLOTHING	1
1482	WORK IN THE GLENDALE MILL	1	1571	WORKS AT COAK OVINS	3
1483	WORK IN THE SUSPENDER MILL	3	1572	WORKS AT COKE WORKS	1
1484	WORK IN TIN SMITH SHOP	2	1573	WORKS AT CORSETS	3
1485	WORK IN TOBACCO	1	1574	WORKS AT CURRIER	6
1486	WORK IN TOOL FACTOR	2	1575	WORKS AT FANS	1
1487	WORK IN TYPE FOUNDRY	3	1576	WORKS AT FIRE ARMS	1
1488	WORK IN WIRE WK	3	1577	WORKS AT FLOWERS	2
1489	WORK IN WORSTED	3	1578	WORKS AT FRAME	10
1490	WORK MATCH FACTORY	1	1579	WORKS AT FRUIT PRESERVING	1
1491	WORK NUT & BOLT FAC.	1	1580	WORKS AT GAS MEATERS	1
1492	WORK ON FEATHERS	2	1581	WORKS AT HARDWARE	1
1493	WORK ON FLOWER	4	1582	WORKS AT HARNES MAKING	1
1494	WORK ON FLOWERS	1	1583	WORKS AT HATTER	1
1495	WORK ON FRINGES	1	1584	WORKS AT HATTING	2
1496	WORK ON HUMAN HAIR	2	1585	WORKS AT HEMP MILL	1
1497	WORK ON ICE	1	1586	WORKS AT HEMP MILLS	1
1498	WORK ON LACE	3	1587	WORKS AT HOOP MILL	7
1499	WORK ON OIL WELL	1	1588	WORKS AT HOSEIERY MILL	1
1500	WORK ON R.R. WORKS	4	1589	WORKS AT HOSIERY	3
1501	WORK ON WELL	1	1590	WORKS AT HR SAWMILL	2
1502	WORK PAPER FACTORY	1	1591	WORKS AT IRON	1
1503	WORK PICTURE FACTORY	3	1592	WORKS AT L. MILL	1
1504	WORK RAIL ROAD	1	1593	WORKS AT LAW MILL	3
1505	WORK REGALIA SHOP	1	1594	WORKS AT LIME KILN	1
1506	WORK STOCKINET MILL	2	1595	WORKS AT LOGWOOD MILL	1
1507	WORK WITH C R I & P. R	1	1596	WORKS AT MARBLE FACTORY	1
1508	WORK??SHOP	1	1597	WORKS AT MASONS	1
1509	WORKED IN GASOLINE FACTORY	1	1598	WORKS AT MILK DEPOT	1
1510	WORKED IN NOVELTY WORKS	1	1599	WORKS AT MILLINERY	1
1511	WORKER IN RUBBING MILL	1	1600	WORKS AT MIN FACTORY	10
1512	WORKES IN ST SHOP	1	1601	WORKS AT NAIL WORKS	1
1513	WORKIN ROPE FACTORY	1	1602	WORKS AT OIL MILL	1
1514	WORKING ? PAPER PRESS	1	1603	WORKS AT PACKING BOXES	11
1515	WORKING A CIGAR BOX	1	1604	WORKS AT PAPER ?ALKINS	1
1516	WORKING AT ? CARPUTS	1	1605	WORKS AT PAPER M	1
1517	WORKING AT ?CREAMY	1	1606	WORKS AT PAPER SHOP	1
1518	WORKING AT ST PAUL IRON W	1	1607	WORKS AT PHOS. MILL	1
1519	WORKING FOR TANN	1	1608	WORKS AT PIANO CASE	1
1520	WORKING H????? MILL	1	1609	WORKS AT PIPE FOUNDRY	1
1521	WORKING IN ? CANNING FACTORY	1	1610	WORKS AT PLUMBERS	1
1522	WORKING IN BRIDGE	4	1611	WORKS AT POLISHING	1
1523	WORKING IN CHEESE FACTY	1	1612	WORKS AT PUMP MAKER	2
1524	WORKING IN CONFECTIONARY	1	1613	WORKS AT R R CAR SHOP	1
1525	WORKING IN FACTORY	1	1614	WORKS AT RATTAN FACTORY	1
1526	WORKING IN FILE WORKS	5	1615	WORKS AT RAW MILL	2
1527	WORKING IN FISH CAN	1	1616	WORKS AT RIVET WORKS	1
1528	WORKING IN HEMP FACTORY	2	1617	WORKS AT ROUND HOUSE	1
1529	WORKING IN IRON WORKS	1	1618	WORKS AT SADDLERY H'WARE	1
1530	WORKING IN PAPER FACTORY	9	1619	WORKS AT SALT FURNACE	2
1531	WORKING IN SEWING MACHINE	1	1620	WORKS AT SALT WORKS	1
1532	WORKING IN STEAM MILL	1	1621	WORKS AT SAW MAKING	1
1533	WORKING IN SUSPENDER FACTORY	1	1622	WORKS AT SEGAR MAKER	1
1534	WORKING IN SUSQ.A SHOP	4	1623	WORKS AT SEGAR MAKING	1
1535	WORKING IN TILE FCTY	1	1624	WORKS AT SEGARS	1
1536	WORKING ON STOVEMILL	1	1625	WORKS AT SEWING FT	1
1537	WORKING STOCKING FACTORY	2	1626	WORKS AT SEWING MACH	1
1538	WORKS / SPICE MILL	1	1627	WORKS AT SHIRT SHOP	1

1628	WORKS AT SHIRTS	1	1718	WORKS IN A GRIST AND FLOURING MILL	1
1629	WORKS AT SHOEMAKER	1	1719	WORKS IN A HEMP MILL	2
1630	WORKS AT SHOES	3	1720	WORKS IN A JEWELER'S FACT	1
1631	WORKS AT SHOVEL WORKS	1	1721	WORKS IN A LEATHER SHOP	2
1632	WORKS AT SPOON SHOP	1	1722	WORKS IN A MILL	2
1633	WORKS AT STAM FACTORY	1	1723	WORKS IN A PIPE MANF	1
1634	WORKS AT STEAM MILL	1	1724	WORKS IN ALPACA MILLS	2
1635	WORKS AT STEEL WORKS	2	1725	WORKS IN ARMORY	1
1636	WORKS AT TILE FACTORY	12	1726	WORKS IN ARSENAL	8
1637	WORKS AT TILE MILL	2	1727	WORKS IN ARTIFICIAL FLOWER FCTY	1
1638	WORKS AT TIN SMITHERY	2	1728	WORKS IN AUGER SHOP	1
1639	WORKS AT TINNERS	1	1729	WORKS IN AWNING FACTORY	5
1640	WORKS AT TURNING	3	1730	WORKS IN AXE FACTORY	1
1641	WORKS AT TURPENTINE DIS	1	1731	WORKS IN AXE HANDLE FACTOR	1
1642	WORKS AT TURPENTINE STILL	1	1732	WORKS IN AXE SHOP	2
1643	WORKS AT UPHOLSTERY	1	1733	WORKS IN B P RR CAR SHOP	1
1644	WORKS AT VIL MILLS	1	1734	WORKS IN B. & SHOE FACTOR	1
1645	WORKS AT WAGON MFG	1	1735	WORKS IN B. FACTORY	1
1646	WORKS AT WHITTING	1	1736	WORKS IN BAKE HOUSE.	1
1647	WORKS AT WOOLENS	1	1737	WORKS IN BAKE SHOP	1
1648	WORKS B+O R. S.	1	1738	WORKS IN BAKERY	1
1649	WORKS BBL FAC.	1	1739	WORKS IN BAKERY & CON	25
1650	WORKS BEET CANING CO	1	1740	WORKS IN BARB FENCE FACTO	2
1651	WORKS BISCUIT FACTORY	1	1741	WORKS IN BASKET FACTY	1
1652	WORKS BLIND FACTORY	1	1742	WORKS IN BEDSTEAD FACTORY	1
1653	WORKS BLUE STONE	1	1743	WORKS IN BEER BREWERY	1
1654	WORKS BOLT FACTORY	1	1744	WORKS IN BELL SHOP	1
1655	WORKS BRASS FINISHER	1	1745	WORKS IN BINDERY	1
1656	WORKS BRASS SHOP	1	1746	WORKS IN BINDING FCTY	2
1657	WORKS BRICK ? BLINDER	1	1747	WORKS IN BIT SHOP	1
1658	WORKS BRUSH FACTORY	1	1748	WORKS IN BITT FACTY	1
1659	WORKS CANDY FACT	1	1749	WORKS IN BLACK SHOP STREETS	1
1660	WORKS CANDY SHOP	3	1750	WORKS IN BLACKSMITH	1
1661	WORKS CARRIAGE MFG	1	1751	WORKS IN BLACKSMITH SHOP	1
1662	WORKS CHAIN SHOP	4	1752	WORKS IN BLANKET MILL	25
1663	WORKS COOPER SHOP	1	1753	WORKS IN BLEACHING COTTON	2
1664	WORKS CURRIER'S SHOP	1	1754	WORKS IN BOAT WORKS	2
1665	WORKS CURRY	1	1755	WORKS IN BOBBIN SHOP	1
1666	WORKS DOOR FACTORY	1	1756	WORKS IN BOILER SHOP	2
1667	WORKS DOOR MANF.	1	1757	WORKS IN BOLT FACTORY	7
1668	WORKS FELT MILL	1	1758	WORKS IN BOLT MILL	5
1669	WORKS FISH HOOK FACTY	2	1759	WORKS IN BOLT SHOP	1
1670	WORKS FOR ? CLOTHING HOUSE	1	1760	WORKS IN BONE FACTORY	3
1671	WORKS FOR A TANNER	1	1761	WORKS IN BONE FERTILIZING WORKS	7
1672	WORKS FOR CORDAGE CO	2	1762	WORKS IN BOOK BIND SHOP	1
1673	WORKS FOR FLAG MANUFACTUR	1	1763	WORKS IN BOOK BINDERY	1
1674	WORKS FOR HIS FATHER	1	1764	WORKS IN BOOKSHOP	14
1675	WORKS FOR MILL CO	2	1765	WORKS IN BOOT + SHOE COUNTER SHOP	1
1676	WORKS FOR MILLINER	2	1766	WORKS IN BOOT + SHOE FAC	1
1677	WORKS FOR PENN GAS COAL	2	1767	WORKS IN BOOT + SHOE SHOP	2
1678	WORKS FOR R R CO	1	1768	WORKS IN BOOT FACTORY	10
1679	WORKS FOR SEWING MACHINE CO	7	1769	WORKS IN BOOT SHOP	31
1680	WORKS FOR SHOE CONTRACTOR	1	1770	WORKS IN BOTTAN SHOP	39
1681	WORKS FOR SHOE FITTER	1	1771	WORKS IN BOTTLING WORKS	1
1682	WORKS FOR SOOM HARNESS	1	1772	WORKS IN BOX FACTORY	1
1683	WORKS FOR STEAM HEATING CO	1	1773	WORKS IN BOX SHOP	27
1684	WORKS FOR TAILOR	1	1774	WORKS IN BOX SHOP PAPER	6
1685	WORKS FOR TOBACCO MFG	9	1775	WORKS IN BRACKET SHOP	1
1686	WORKS FRAME FACTORY	1	1776	WORKS IN BRAID FACTORY	1
1687	WORKS GINHAM MILL	1	1777	WORKS IN BRAID MILL	2
1688	WORKS GOVT PRGTG OF	1	1778	WORKS IN BRANDISTER SHOP	2
1689	WORKS H V MEE	1	1779	WORKS IN BRASS FACTORY	1
1690	WORKS HOB FACT	1	1780	WORKS IN BRASS MILL	2
1691	WORKS HOUSE SHOP	1	1781	WORKS IN BRASS SHOP	16
1692	WORKS ICE OFFICE	1	1782	WORKS IN BRASS TRIMMING FACTORY	2
1693	WORKS IN (S) MILL	1	1783	WORKS IN BREWERY	1
1694	WORKS IN ? ATACW FACTORY	1	1784	WORKS IN BRICK FACTORY	48
1695	WORKS IN ? CORN MILL	1	1785	WORKS IN BRICKS	1
1696	WORKS IN ? HIG MANF CO	1	1786	WORKS IN BRIDGE WORKS	1
1697	WORKS IN ? INTACM FACTORY	1	1787	WORKS IN BRIT SHOP	1
1698	WORKS IN ? LIME RILL	1	1788	WORKS IN BROOM FACTORY	2
1699	WORKS IN ? LINER KILNS	1	1789	WORKS IN BROOM SHOP	3
1700	WORKS IN ? MILL	1	1790	WORKS IN BRUSH BLOCK FACT	1
1701	WORKS IN ? NECTIE FACTORY	2	1791	WORKS IN BRUSH FAC	1
1702	WORKS IN ? PAINT WORKS	1	1792	WORKS IN BRUSH SHOP	7
1703	WORKS IN ? PUMP FACT	1	1793	WORKS IN BT FACTORY	2
1704	WORKS IN ? RUFFLE FACTORY	1	1794	WORKS IN BUCKET FAC	7
1705	WORKS IN ? SANSTED FACTORY	1	1795	WORKS IN BUCKLE F	3
1706	WORKS IN ? SATERATUS WORK	1	1796	WORKS IN BUCKLE SHOP	5
1707	WORKS IN ? SATERUTUS FACT	1	1797	WORKS IN BUGGY FACTORY	1
1708	WORKS IN ? TACK WORKS	1	1798	WORKS IN BUGGY SHOP	1
1709	WORKS IN ? VITRIOL FACT	1	1799	WORKS IN BUNTING MILL	2
1710	WORKS IN ? WOOL SHOP	2	1800	WORKS IN BUTT FACTY	1
1711	WORKS IN ? WORSTED GOODS MFY	1	1801	WORKS IN BUTTER FACTY	1
1712	WORKS IN ?????? SHOP	1	1802	WORKS IN BUTTON	2
1713	WORKS IN ?BENT WORKS	1	1803	WORKS IN BUTTON FACTORY	1
1714	WORKS IN ?MORECO SHOP	1	1804	WORKS IN BUTTON MANF	10
1715	WORKS IN ?SICK MILL	1	1805	WORKS IN BUTTON SHOP	3
1717	WORKS IN A G MILL	1	1806	WORKS IN C. FACT.	17

1807	WORKS IN C. MILL	10	1896	WORKS IN ENGINE HOUSE	1
1808	WORKS IN CA SHOP	94	1897	WORKS IN ENVELOPE FACTORY	1
1809	WORKS IN CABINET SHOP	1	1898	WORKS IN EXTRACT FACTORY	2
1810	WORKS IN CALICO PRINT WORKS	13	1899	WORKS IN F BRICK F.	1
1811	WORKS IN CALICO WORKS	9	1900	WORKS IN F SHOP	1
1812	WORKS IN CAN. FACTORY	6	1901	WORKS IN FACTORY	1
1813	WORKS IN CANDLE FACTORY	5	1902	WORKS IN FANERY	61
1814	WORKS IN CANDLE MFG.	3	1903	WORKS IN FARMING MILL	1
1815	WORKS IN CANDY MANUF	1	1904	WORKS IN FAUCET SHOP	1
1816	WORKS IN CANE SHOP	3	1905	WORKS IN FELT MANUFACTORY	1
1817	WORKS IN CANING HOUSE	3	1906	WORKS IN FELT MILL	1
1818	WORKS IN CAR FACTORY	1	1907	WORKS IN FENCE WORKS	1
1819	WORKS IN CAR SHOP	4	1908	WORKS IN FILE SHOP	2
1820	WORKS IN CARD FACTORY	17	1909	WORKS IN FILE WORKS	2
1821	WORKS IN CARD. MANF.	1	1910	WORKS IN FINERIES	1
1822	WORKS IN CARPET	2	1911	WORKS IN FIRE BRICK FCTY	2
1823	WORKS IN CARPET BINDING MILL	1	1912	WORKS IN FIRE WORKS FACTORY	1
1824	WORKS IN CARPET FACTORY	1	1913	WORKS IN FISH CAN	1
1825	WORKS IN CARPET MILL	34	1914	WORKS IN FISH FACTORY	2
1826	WORKS IN CARRIAGE FACTORY	29	1915	WORKS IN FLAX MILL	1
1827	WORKS IN CARRIAGE SHOP	15	1916	WORKS IN FLAX SEED OIL	11
1828	WORKS IN CASTINGS SHOP	14	1917	WORKS IN FLOCK MILL	1
1829	WORKS IN CELELOID	1	1918	WORKS IN FLOUR MILL	9
1830	WORKS IN CHAIN FACTORY	1	1919	WORKS IN FOREST MILL	35
1831	WORKS IN CHAIN SHOP	1	1920	WORKS IN FORGE	1
1832	WORKS IN CHAIR FACTORY	2	1921	WORKS IN FORGE WORKS	3
1833	WORKS IN CHAIR SHOP	18	1922	WORKS IN FORK SHOP	1
1834	WORKS IN CHASE FAC	16	1923	WORKS IN FOURNDRY	3
1835	WORKS IN CHEESE BOX FACTORY	1	1924	WORKS IN FRAMING MILL	1
1836	WORKS IN CHEESE FACTORY	1	1925	WORKS IN FRINGE FACTORY	2
1837	WORKS IN CHEMICAL FACTORY	6	1926	WORKS IN FRUIT HOUSE	1
1838	WORKS IN CHEMICAL WORKS	1	1927	WORKS IN FUR FAC	1
1839	WORKS IN CHINA FACTORY	5	1928	WORKS IN FURNITURE FACTORY	5
1840	WORKS IN CIGAR BOX FAC	1	1929	WORKS IN FURNITURE MFG	25
1841	WORKS IN CIGAR FAC	2	1930	WORKS IN FURNITURE SHOP	1
1842	WORKS IN CIGAR MFG	14	1931	WORKS IN FURRIER SHOP	9
1843	WORKS IN CIGAR SHOP	1	1932	WORKS IN G FACTORY	1
1844	WORKS IN CIGARETTE FACTY	10	1933	WORKS IN GALENA OIL WORKS	2
1845	WORKS IN CIT MILL	1	1934	WORKS IN GAS HOUSE	1
1846	WORKS IN CLARKS THREAD WORKS	1	1935	WORKS IN GAS TUBE WORKS	11
1847	WORKS IN CLAY	1	1936	WORKS IN GAS WORKS	1
1848	WORKS IN CLOCK FACTORY	1	1937	WORKS IN GIM WORKS	7
1849	WORKS IN CLOCK SHOP	6	1938	WORKS IN GINGHAM MILL	1
1850	WORKS IN CLOTH MILL	29	1939	WORKS IN GINNY MILL	6
1851	WORKS IN CLOTHIN MAG	1	1940	WORKS IN GLASS FACTORY	4
1852	WORKS IN CLOTHING FACTORY	1	1941	WORKS IN GLASS FOUNDRY	16
1853	WORKS IN CLOTHING HOUSE	1	1942	WORKS IN GLASS HOUSE	1
1854	WORKS IN COACH F	1	1943	WORKS IN GLASS WORKS	27
1855	WORKS IN COAL FAC	1	1944	WORKS IN GLOVE FAC	10
1856	WORKS IN COAL OIL REF	1	1945	WORKS IN GLOVE SHOP	5
1857	WORKS IN COAT SHOP	1	1946	WORKS IN GLUE FACTORY	1
1858	WORKS IN COFFIN ??? SHOP	1	1947	WORKS IN GLYCERINE FAC	6
1859	WORKS IN COFFIN TRIMINGS	1	1948	WORKS IN GOVT. PRINTING	1
1860	WORKS IN COLINY	1	1949	WORKS IN GRIST MILL	1
1861	WORKS IN COLLAR SHOP	1	1950	WORKS IN GUN SHOP	35
1862	WORKS IN COMB SHOP	11	1951	WORKS IN HAIR FACTORY	5
1863	WORKS IN CONFECT ESTABL	4	1952	WORKS IN HANDLE FACTORY	2
1864	WORKS IN COOKWARE	1	1953	WORKS IN HANDLE SHOP	4
1865	WORKS IN COOPER SHOP	1	1954	WORKS IN HARDWARE WORKS	2
1866	WORKS IN COOPERAGE	8	1955	WORKS IN HARNESS FACT	3
1867	WORKS IN COPPER MILL	2	1956	WORKS IN HARNESS SHOP	1
1868	WORKS IN COPPER WORKS	7	1957	WORKS IN HARTWAR FACTY	16
1869	WORKS IN CORDAGE FACTORY	4	1958	WORKS IN HARVESTER FACTOR	1
1870	WORKS IN CORK FACTORY	12	1959	WORKS IN HAT BLEACHERY	1
1871	WORKS IN CORSET FACTORY	1	1960	WORKS IN HAT FACTORY	1
1872	WORKS IN CORSET SHOP	20	1961	WORKS IN HAT SHOP	25
1873	WORKS IN COTTON	17	1962	WORKS IN HEEL SHOP	28
1874	WORKS IN COTTON BLEACHERY	1	1963	WORKS IN HEMP FACT	1
1875	WORKS IN COTTON FACTORY	1	1964	WORKS IN HOE & FORK FACTO	7
1876	WORKS IN COTTON HOUSE	66	1965	WORKS IN HOE FACTORY	1
1877	WORKS IN COTTON J	1	1966	WORKS IN HOE SHOP	1
1878	WORKS IN COTTON MILL	1	1967	WORKS IN HOOK + EYE	2
1879	WORKS IN COTTON PRESS	1355	1968	WORKS IN HOSE	21
1880	WORKS IN COTTON SHOP	3	1969	WORKS IN HOSIERY MILL	1
1881	WORKS IN CRACKER FACTORY	1	1970	WORKS IN HUB FACTY	38
1882	WORKS IN CURRIER SHOP	2	1971	WORKS IN I M CAR SHOPS	1
1883	WORKS IN CURRIER'S	4	1972	WORKS IN ICE HOUSE	1
1884	WORKS IN CURRIER'S SHOP	1	1973	WORKS IN JACKET FAC	3
1885	WORKS IN CURRY COMB SHOP	2	1974	WORKS IN JEWELERS	1
1886	WORKS IN CURTAIN FACTORY	1	1975	WORKS IN JEWELRY FACTORY	1
1887	WORKS IN CUTLERY	1	1976	WORKS IN JEWELRY MANU	10
1888	WORKS IN CUTLERY SHOP	6	1977	WORKS IN JEWELRY SHOP	1
1889	WORKS IN CUTLERY WORKS	6	1978	WORKS IN JUTE MILL	45
1890	WORKS IN CUTTLERY MILL	1	1979	WORKS IN KID FACT'RY	6
1891	WORKS IN DASH B. FAC	1	1980	WORKS IN KNIFE SHOP	1
1892	WORKS IN DELAINS MILL	1	1981	WORKS IN KNITTING MILL	4
1893	WORKS IN DIARY MF	3	1982	WORKS IN KNITTING SHOP	24
1894	WORKS IN DISTILLERY	1	1983	WORKS IN KNITTING W	2
1895	WORKS IN EAST MILL	12	1984	WORKS IN L RR	1

1985	WORKS IN LACE FACTORY	1	2074	WORKS IN PORK PACK	9
1986	WORKS IN LAMP FACTORY	2	2075	WORKS IN POT SHOP	2
1987	WORKS IN LAMP SHOP	4	2076	WORKS IN POTERY WORKS	2
1988	WORKS IN LATH MILL	2	2077	WORKS IN POTTERY	1
1989	WORKS IN LEATHER BOARD MILL	1	2078	WORKS IN POWDER MILL	45
1990	WORKS IN LEATHER BOUND MILL	1	2079	WORKS IN POWDER WORKS	4
1991	WORKS IN LEATHER FACTORY	1	2080	WORKS IN PRESERVE FACTORY	1
1992	WORKS IN LETHER TANNRY	2	2081	WORKS IN PRESERVE WORKS	1
1993	WORKS IN LINEN MILL	1	2082	WORKS IN PRINT SHOP	3
1994	WORKS IN LINOLEUM FAC	1	2083	WORKS IN PRINT WORKS	1
1995	WORKS IN LIQUOR ?HOUSE	1	2084	WORKS IN PRINTING ?TPE	35
1996	WORKS IN LOCK FACT.	1	2086	WORKS IN PRINTING OFFICE	1
1997	WORKS IN LOCOMOTIVE WORKS	5	2087	WORKS IN PRODUCE STORE	35
1998	WORKS IN LUMBER MILL	3	2088	WORKS IN PULP MILL	1
1999	WORKS IN M IRON WORKS (MOULDER)	28	2089	WORKS IN PUMP FACTORY	2
2000	WORKS IN M MARKET	1	2090	WORKS IN Q MILL	1
2001	WORKS IN MACHINE SHOP	1	2091	WORKS IN R MILLS	1
2002	WORKS IN MALLEABLE INN SHOP	73	2092	WORKS IN R R MACHINE SHOP	1
2003	WORKS IN MANF.	1	2093	WORKS IN R R SHOP	1
2004	WORKS IN MATCH FACTY	1	2094	WORKS IN RAG SHOP	27
2005	WORKS IN MEAT HOUSE	3	2095	WORKS IN RAILWAY STATION	2
2006	WORKS IN MEBLE F.	1	2096	WORKS IN RANGE STORE	1
2007	WORKS IN MEDICINE FACTORY	1	2097	WORKS IN RATTAN FACTORY	1
2008	WORKS IN METAL FACTORY	1	2098	WORKS IN REAPER SHOP	5
2009	WORKS IN METAL MILL	1	2099	WORKS IN RIVET WORKS	1
2010	WORKS IN METAL RE-WORKS	1	2100	WORKS IN RIVOT SHOP	1
2011	WORKS IN METAL REFINING WORKS	1	2101	WORKS IN ROD-MILL	2
2012	WORKS IN MFG SHOP	2	2102	WORKS IN ROLLING MILL	1
2013	WORKS IN MILK FACTORY	1	2103	WORKS IN ROPE ?ALK	118
2014	WORKS IN MILL	1	2104	WORKS IN ROPE FACTORY	1
2015	WORKS IN MILL MFACTORY	125	2105	WORKS IN ROPE MANUF	6
2016	WORKS IN MILL WORKS	1	2106	WORKS IN ROPE WALK	1
2017	WORKS IN MILL/UMBRELLA	1	2107	WORKS IN ROPE WORKS	5
2018	WORKS IN MILLING M.	1	2108	WORKS IN ROUNDHOUSE	3
2019	WORKS IN MILLING SHOP	1	2109	WORKS IN ROW SHOP	1
2020	WORKS IN MOROCCO FACTORY	1	2110	WORKS IN RR ?F'T HOUSE	2
2021	WORKS IN MOROCCO SHOP	3	2111	WORKS IN RT FCTY	1
2022	WORKS IN MOULDING MILL	1	2112	WORKS IN RUBBER	1
2023	WORKS IN MOULDING SHOP	1	2113	WORKS IN RUBBER FACTORY	1
2024	WORKS IN MOWER FACT	1	2114	WORKS IN RUBBER MANUFACTURE	21
2025	WORKS IN MT FACTORY	1	2115	WORKS IN RUBBER MILL	1
2026	WORKS IN N. YARD	1	2116	WORKS IN RUBBER SHOP	21
2027	WORKS IN NAIL MILL	1	2117	WORKS IN RUBBER WORKS	13
2028	WORKS IN NAIL SHOP	7	2118	WORKS IN RUGG SHOP	7
2029	WORKS IN NAVY YARD	1	2119	WORKS IN RULE MAN'G	1
2030	WORKS IN NEEDLE SHOP	1	2120	WORKS IN S HOUSE	1
2031	WORKS IN NICKEL PLATING SHOP	1	2121	WORKS IN S MILLS & COMMON LAB	2
2032	WORKS IN NOVELTY SHOP	1	2122	WORKS IN S SHOP	1
2033	WORKS IN OAT MILL	2	2123	WORKS IN S. FACTORY	2
2034	WORKS IN OIL FACTORY	1	2124	WORKS IN SADDLE SHOP	1
2035	WORKS IN OIL REFINERY	12	2125	WORKS IN SADDLERY.	5
2036	WORKS IN OIL WORKS	1	2126	WORKS IN SAFE SHOP	1
2037	WORKS IN OIL YARD	8	2127	WORKS IN SALMON CANNERY	1
2038	WORKS IN OPTICAL ?ALY	1	2128	WORKS IN SALT BLOCK	1
2039	WORKS IN ORGAN FACTORY	1	2129	WORKS IN SALT FACTORY	3
2040	WORKS IN ORGAN MNFG	13	2130	WORKS IN SARDIN FCTY	1
2041	WORKS IN ORGAN SHOP	1	2131	WORKS IN SASH & BLIND MILL	1
2042	WORKS IN OVER HALL SHOP	7	2132	WORKS IN SASH FACTORY	1
2043	WORKS IN P MILL	2	2133	WORKS IN SAW MILL	12
2044	WORKS IN P. WORKS	4	2134	WORKS IN SAW SHOP	492
2045	WORKS IN PACKING HOUSE	1	2135	WORKS IN SCALE SHOP	1
2046	WORKS IN PAIL FACTORY	16	2136	WORKS IN SCALE SHOPS	3
2047	WORKS IN PAINT MANF	11	2137	WORKS IN SCHOOL SEAT FACT	11
2048	WORKS IN PAN BLO??	3	2138	WORKS IN SCISSORS SHOP	2
2049	WORKS IN PAPAER BOX FACTORY	1	2139	WORKS IN SCREW FACTORY	1
2050	WORKS IN PAPER BAG MILL	3	2140	WORKS IN SCREW MFG	10
2051	WORKS IN PAPER BOX	1	2141	WORKS IN SCYTHE FAC'Y	3
2052	WORKS IN PAPER FACTORY	3	2142	WORKS IN SCYTHE SHOP	2
2053	WORKS IN PAPER MILL	2	2143	WORKS IN SEG MANUF.	1
2054	WORKS IN PASTE BOARD MILL	143	2144	WORKS IN SEGAE FACTORY	1
2055	WORKS IN PATENT LEATHER FACTORY	1	2145	WORKS IN SEGAR HOUSE	1
2056	WORKS IN PENCIL FACTORY	1	2146	WORKS IN SEGAR MANFCTG	2
2057	WORKS IN PIANO FACTORY	2	2147	WORKS IN SEWING MACHINE FACTORY	1
2058	WORKS IN PIANO SHOP	6	2148	WORKS IN SH FAC	5
2059	WORKS IN PICKLE FACT	3	2149	WORKS IN SHADE ROLLER FAC	2
2060	WORKS IN PIKE MILL	1	2150	WORKS IN SHAWL FACTORY	3
2061	WORKS IN PIN SHOP	1	2151	WORKS IN SHEAR FACTORY	1
2062	WORKS IN PIPE MILL	3	2152	WORKS IN SHEAR SHOP	3
2063	WORKS IN PISTOL FACTORY	4	2153	WORKS IN SHEET MILL	1
2064	WORKS IN PISTOL SHOP	1	2154	WORKS IN SHELL WORK	3
2065	WORKS IN PLANING MILL	6	2155	WORKS IN SHINGLE MILL	1
2066	WORKS IN FLOW FACTORY	36	2156	WORKS IN SHINGLE SWAMP	19
2067	WORKS IN FLOW MFG	6	2157	WORKS IN SHIP CHANDLER	1
2068	WORKS IN FLOW SHOP	1	2158	WORKS IN SHIP YARD	1
2069	WORKS IN FLOW SHOPS	2	2159	WORKS IN SHIRT FACTORY	4
2070	WORKS IN FLOW WORKS	1	2160	WORKS IN SHIRT MILL	18
2071	WORKS IN POCKETBOOK FCTY	1	2161	WORKS IN SHODDY MILL	7
2072	WORKS IN POINT M?	2	2162	WORKS IN SHOE FACTORY	3
2073	WORKS IN PORK HOUSE	1	2163	WORKS IN SHOE MANF	248

2164	WORKS	IN	SHOE MFG	6	2253	WORKS	IN	W. FACTORY	1
2165	WORKS	IN	SHOE SHOP	3	2254	WORKS	IN	WAGON FACTORY	2
2166	WORKS	IN	SHOP	182	2255	WORKS	IN	WAGON MANFTR	5
2167	WORKS	IN	SHOVEL FCTY	24	2256	WORKS	IN	WAGON SHOP	1
2168	WORKS	IN	SHOVEL SHOP	3	2257	WORKS	IN	WAGON WORKS	20
2169	WORKS	IN	SILK FACTORY	5	2258	WORKS	IN	WAIST MILL	2
2170	WORKS	IN	SILK MILL	22	2259	WORKS	IN	WALLET S.	1
2171	WORKS	IN	SILK SHOP	67	2260	WORKS	IN	WARE FACTORY	1
2172	WORKS	IN	SILVER MILL	7	2261	WORKS	IN	WARE FLOWERS	1
2173	WORKS	IN	SILVER SHOP	1	2262	WORKS	IN	WASHBAND FACT	1
2174	WORKS	IN	SKIN MILL	3	2263	WORKS	IN	WASHBOARD FACTORY	1
2175	WORKS	IN	SLATE MILL	2	2264	WORKS	IN	WASTE MILL	2
2176	WORKS	IN	SLED FAC	3	2265	WORKS	IN	WATCH CASE FACTO	1
2177	WORKS	IN	SLIPPER FCTY	1	2266	WORKS	IN	WATCH CASE SHOP	5
2178	WORKS	IN	SNATH SHOP	1	2267	WORKS	IN	WATCH CAST FACTORY	2
2179	WORKS	IN	SOAP FACTORY	1	2268	WORKS	IN	WATCH FACTORY	1
2180	WORKS	IN	SODA FACTORY	20	2269	WORKS	IN	WATCH TOOL FACTORY	24
2181	WORKS	IN	SODA WORKS	4	2270	WORKS	IN	WATER WORKS	1
2182	WORKS	IN	SODDY MILL	3	2271	WORKS	IN	WEB SHOP	1
2183	WORKS	IN	SOUP FACTORY	1	2272	WORKS	IN	WEBBING MILL	1
2184	WORKS	IN	SPECTACLE SHOP	1	2273	WORKS	IN	WHEAT DRILL FACT	3
2185	WORKS	IN	SPIKE MILL	1	2274	WORKS	IN	WHEEL FACT	1
2186	WORKS	IN	SPINNING RING MFG	1	2275	WORKS	IN	WHEEL WORKS	7
2187	WORKS	IN	SPOKE	1	2276	WORKS	IN	WHEELWRIGHT	1
2188	WORKS	IN	SPOKE FACTORY	1	2277	WORKS	IN	WHIP SHOP	1
2189	WORKS	IN	SPOKE MAUNUFACTURY	6	2278	WORKS	IN	WHOLESALE	2
2190	WORKS	IN	SPOKE MILL	1	2279	WORKS	IN	WIND MILL SHOP	1
2191	WORKS	IN	SPOOL FACTORY	3	2280	WORKS	IN	WIRE FACTY	2
2192	WORKS	IN	SPOON FACTORY	1	2281	WORKS	IN	WIRE MANUFACTORY	1
2193	WORKS	IN	SPOON SHOP	3	2282	WORKS	IN	WIRE MILL	1
2194	WORKS	IN	SPRING FACTORY	10	2283	WORKS	IN	WOOD	22
2195	WORKS	IN	SQUARING	1	2284	WORKS	IN	WOOD BOX FACT	1
2196	WORKS	IN	ST SHOP	1	2285	WORKS	IN	WOOD FACTORY	1
2197	WORKS	IN	STAIR FACTORY	7	2286	WORKS	IN	WOOD PULP MILL	1
2198	WORKS	IN	STAMPING FACTORY	1	2287	WORKS	IN	WOOD SHOP	1
2199	WORKS	IN	STARCH FACTORY	1	2288	WORKS	IN	WOODEN WARE SHOP	2
2200	WORKS	IN	STAVE FACTORY	16	2289	WORKS	IN	WOOLE	1
2201	WORKS	IN	STAVE MILL	7	2290	WORKS	IN	WOOLEN FACTORY	2
2202	WORKS	IN	STILL HOUSE	8	2291	WORKS	IN	WOOLEN MILL	26
2203	WORKS	IN	STOCKIN FACTURERY	1	2292	WORKS	IN	WOOLLEN	588
2204	WORKS	IN	STOCKING MILL	1	2293	WORKS	IN	WOOLLEN WRK	1
2205	WORKS	IN	STONE MILL	10	2294	WORKS	IN	WORSTED MILL	1
2206	WORKS	IN	STONE WARE FACTORY	1	2295	WORKS	IN	WRENCH FT	11
2207	WORKS	IN	STONE WORKS	1	2296	WORKS	IN	WRENCH SHOP	1
2208	WORKS	IN	STOVE FACTORY	1	2297	WORKS	IN	YARN MILL	1
2209	WORKS	IN	STOVE WORKS	12	2298	WORKS	IN	ZINC FACT.	1
2210	WORKS	IN	STRAW FACT	4	2299	WORKS	IN	ZINC WORKS	1
2211	WORKS	IN	STRAW HAT FACTORY	2	2300	WORKS	IN	ZINK FURNACE	1
2212	WORKS	IN	STRAW HAT SHOP	6	2301	WORKS	LOCK SHOP	1	1/2
2213	WORKS	IN	STRAW SHOP	5	2302	WORKS	MAKING KNIVES	5	
2214	WORKS	IN	SUGAR REFINERY	13	2303	WORKS	MATCH SPLINT FAC	1	
2215	WORKS	IN	SUGAR WORKS	7	2304	WORKS	MEDICINE MAF.	1	
2216	WORKS	IN	SUSQ.A SHOP	1	2305	WORKS	MOULDING FACT.	1	
2217	WORKS	IN	SWEEPER FACTORY	5	2306	WORKS	OF P.R.R. CO	1	
2218	WORKS	IN	T. MILL	1	2307	WORKS	OF R.R. CO	1	
2219	WORKS	IN	T. SHOP	1	2308	WORKS	ON ? PENNIES	2	
2220	WORKS	IN	T7B F	1	2309	WORKS	ON ?COM MILL	1	
2221	WORKS	IN	TABLE FACTORY	1	2310	WORKS	ON ACID FACTORY	1	
2222	WORKS	IN	TACK FACTORY	1	2311	WORKS	ON BOOTS	1	
2223	WORKS	IN	TAILOR SHOP	7	2312	WORKS	ON BUILDINGS	18	
2224	WORKS	IN	TAILOR STORE	58	2313	WORKS	ON CARD CLOTHING	1	
2225	WORKS	IN	TANNER	2	2314	WORKS	ON CARRIAGE PAINT SHOP	1	
2226	WORKS	IN	TANNERY	2	2315	WORKS	ON CARRIAGES	1	
2227	WORKS	IN	TANNING	89	2316	WORKS	ON COTTON PRESS	2	
2228	WORKS	IN	TAYLOR	1	2317	WORKS	ON DRAPERY	1	
2229	WORKS	IN	TERRA COTTA WORKS	1	2318	WORKS	ON FANCY GOODS	1	
2230	WORKS	IN	THE GAS HOUSE	1	2319	WORKS	ON FEATHERS	1	
2231	WORKS	IN	THREAD MILL	1	2320	WORKS	ON FISHING REELS	1	
2232	WORKS	IN	TILE FACT	13	2321	WORKS	ON FLOWERING MILL	1	
2233	WORKS	IN	TILE WORKS	3	2322	WORKS	ON GLOVES	1	
2234	WORKS	IN	TIN CAN FACTORY	1	2323	WORKS	ON HARNESS TRIMMING	1	
2235	WORKS	IN	TIN FACTORY	1	2324	WORKS	ON I M R R	1	
2236	WORKS	IN	TIN SHOP	8	2325	WORKS	ON LACE	2	
2237	WORKS	IN	TOBACCO FACTORY	27	2326	WORKS	ON LACE CAPS	1	
2238	WORKS	IN	TOBACCO HOUSE	130	2327	WORKS	ON NETS	1	
2239	WORKS	IN	TOOL SHOP	3	2328	WORKS	ON ORGANS	1	
2240	WORKS	IN	TORPEDO FACTORY	2	2329	WORKS	ON PANTS	1	
2241	WORKS	IN	TOY FACTORY	3	2330	WORKS	ON PIPE LINE	6	
2242	WORKS	IN	TRAP SHOP	2	2331	WORKS	ON R R	2	
2243	WORKS	IN	TRIMMING FACTORY	2	2332	WORKS	ON R R SECTION	411	
2244	WORKS	IN	TRUNKSHOP	1	2333	WORKS	ON R R WORKS	3	
2245	WORKS	IN	TUB FACTORY	1	2334	WORKS	ON R. ENG	9	
2246	WORKS	IN	TUB SHOP	3	2335	WORKS	ON ROUND HOUSE	1	
2247	WORKS	IN	TUB&PAIL FACTORY	1	2336	WORKS	ON RR SEC	1	
2248	WORKS	IN	TUBE MILL	1	2337	WORKS	ON RR T	2	
2249	WORKS	IN	TWINE MILL	2	2338	WORKS	ON SECTION	13	
2250	WORKS	IN	TYPE FAC.T	1	2339	WORKS	ON SECTION RR	3	
2251	WORKS	IN	UMBRULLA STICK	2	2340	WORKS	ON SEWER PIPE	1	
2252	WORKS	IN	VINI. FACT.	1	2341	WORKS	ON SEWING MACHINES	1	

2342	WORKS	ON SHIRTS	1		0020	WASHING CLOTHES	2
2343	WORKS	ON SHOES	4		0021	WASHMAN	14
2344	WORKS	ON TATTAN FACTORY	14	720		Private household workers, n.e.c.	
2345	WORKS	ON TOY PISTOLS	1		0001	(HOUSE KEEPER) SERV	1
2346	WORKS	ON TRAIN	1		0002	(LAB) SERV	1
2347	WORKS	ON TRAVLING BAGS	1		0003	2ND GIRL	1
2348	WORKS	ON TRIMMINGS	1		0004	AID IN HOUSE	2
2349	WORKS	ON UMBRELLAS	1		0005	AIDS IN HOUSEWORK	1
2350	WORKS	ON VESTS	1		0006	AND COOK	1
2351	WORKS	ON WATER WORKS	2		0007	AS IN HOUSE	1
2352	WORKS	ON WELLS	1		0008	ASS IN HOUSE	4
2353	WORKS	ON WIRE	2		0009	ASSIST IN HOUSE WORK	2
2354	WORKS	ON WOOD ?A??	1		0010	ASSIST. MATRON	2
2355	WORKS	ON WOOLEN MILL	1		0011	ASSISTANT COOK	4
2356	WORKS	PATTERN SHOP	1		0012	ASSISTANT IN FAMILY	1
2357	WORKS	PIKE FACTORY	1		0013	ASSISTANT IN HOUSES	1
2358	WORKS	PIN SHOP	2		0014	ASSISTING HOUSE WORK	1
2359	WORKS	PIPE FACTORY	1		0015	ASSISTING W/HOUSE	1
2360	WORKS	PIPE MILL	1		0016	ASSISTING WITHTHIS FAMILY	1
2361	WORKS	PISTOL FACTORY	1		0017	ASSISTS HOUSE WORK	1
2362	WORKS	PLOWHANDLE FACTY	1		0018	ASSITING IN HOUSE	1
2363	WORKS	R R STATION	1		0019	ASST HOUSE	5
2364	WORKS	ROPE FACTORY	1		0020	AST IN DOS DUTIES	1
2365	WORKS	ROULING MILL CO	4		0021	AT DAY SERVICE	1
2366	WORKS	RUSTIC FACTORY	1		0022	AT HOME SERV	2
2367	WORKS	SAW FAC	1		0023	AT S FULTONS	1
2368	WORKS	SCREW SHOP	1		0024	AT SERVANT DOMESTIC	1
2369	WORKS	SEWING MACHINE	1		0025	AT SERVICE	30
2370	WORKS	SHEAR FACTORY	1		0026	AT SERVICE (MAID)	1
2371	WORKS	SHELL FACTORY	1		0027	ATTENDS CHILDREN	1
2372	WORKS	SILK MAKING	1		0028	BODY SERV	1
2373	WORKS	SIN MILAIRY SHOP	1		0029	BOUND BOY	1
2374	WORKS	SLAUGHTER YDS	1		0030	BOUND GIRL	1
2375	WORKS	SP?? SHOP	1		0031	BUTLER	8
2376	WORKS	STAMPING CO	1		0032	C	1
2377	WORKS	STOVE STORE	1		0033	C SERVANT	1
2378	WORKS	SYRACUSE WATER CO	1		0034	CABMN	1
2379	WORKS	TADERS HARDWARE	1		0035	CANTON	1
2380	WORKS	TANERY	1		0036	CARE OF CHILDREN	1
2381	WORKS	THRASHING MACHINE F	1		0037	CHAMBER	1
2382	WORKS	THREAD FAC	1		0038	CHAMBER GIRL	2
2383	WORKS	TYLE WORKS	1		0039	CHAMBERMAID	51
2384	WORKS	U S ARSENAL	1		0040	CHAMBERMAN	1
2385	WORKS	UMBRELLA FAC	1		0041	CHLD NURSE	2
2386	WORKS	W?????? MILL	2		0042	CHILD'S NURSE	11
2387	WORKS	WATCH CASES	2		0043	CHINA COOK	1
2388	WORKS	WATCH MFG	1		0044	CLEANER	1
2389	WORKS	WATER CO.	1		0045	CLEANING HOUSES	1
2390	WORKS	WOOD TURNER SH	1		0046	COACHMAN	157
2391	WORKS	IN.M.SHOP	1		0047	COACHMAN + GROOM	1
2392	WORSTED	MILL OPER	1		0048	COLLEGE SERVANT	1
2393	WORSTED	WORKER	2		0049	COMMON SERVANT	1
2394	WRK	GOLD PLATER	1		0050	COOK	959
2395	WRKS	IN GRIP MI?	1		0051	COOK & C	2
2396	WRKS	IN WHIP FACTORY	1		0052	COOK & FARM	1
2397	PACKER	AT BAKERY	1		0053	COOK & NURSE	1
					0054	COOK & SEAMSTRESS	1
					0055	COOK & WASH	3
					0056	COOK & WASHER	4
					0057	COOK & WASHERWOMAN	2
					0058	COOK (FAMILY)	1
					0059	COOK + HOUSE SERV	1
					0060	COOK + LAUNDRESS	1
					0061	COOK ASST	1
					0062	COOK FOR BOARD??	2
					0063	COOK FOR FAMILY	6
					0064	COOK HIRES OUT	1
					0065	COOK IN FAMILY	11
					0066	COOK IN KITCHEN	1
					0067	COOK OC	1
					0068	COOK ON FARM	4
					0069	COOK WOMAN	1
					0070	COOK, WASHING & IRONING	1
					0071	COOKING	27
					0072	COOKING FOR FAMILY	1
					0073	COOKING FOR RANCE	1
					0074	COOKING ON FARM	2
					0075	COOKS	15
					0076	COOKS & C	1
					0077	COOKS & LOOKS WELL!	1
					0078	COOKS & SEWS	1
					0079	COOKS & WASHER FOR FAMILY	1
					0080	COOKS & WASHES	3
					0081	COOKS AT HOME	1
					0082	COOKS FOR C BURT	1
					0083	COOKS FOR FAMILY	3
					0084	COOKS IN ? PARISH FAMILY	1
					0085	COOKS IN FAMILY	2
					0086	COOKS IN FARM	1
				</			

0087	COOKS IN HOUSE	2	0176	HOUSE-MAID	2
0088	DEOMESTIC HELP	1	0177	HOUSEHOLD SERV	1
0089	DINING A BOY	1	0178	HOUSEMAID	3
0090	DINING ROOM	2	0179	HOUSEWORK OUT	1
0091	DINING ROOM BOY	1	0180	HOUSHOLD	1
0092	DINING ROOM GIRL	5	0181	HOUSWORKER	1
0093	DINING ROOM MAID	1	0182	HSKPR & WASHING	1
0094	DINING ROOM SERVANT	2	0183	HUUSE HELPER	1
0095	DINING ROOM WORK	1	0184	IN KITCHEN	1
0096	DO HOUSWORK	1	0185	IN SERVICE	7
0097	DOES HOME WORK	1	0186	KEEPING HOUSE +WASH	1
0098	DOES HOUS WORK	1	0187	KEEPING HOUSE FOR OLD FOLKS	1
0099	DOES HOUSHOLD WORK	1	0188	KEEPING HOUSE WASHERWOMAN	1
0100	DOES SERVING	2	0189	KH & SERV	1
0101	DOIN HOUSE WORK	1	0190	KITCHEN GIRL	9
0102	DOING HOUSE	2	0191	KITCHEN SERV	2
0103	DOM ASSIST	2	0192	KITCHEN WORK	2
0104	DOMEST WAITER	1	0193	KORKS IN HOUSE	1
0105	DOMEST. OFFICE SERV	1	0194	LAB IN HOUSE	2
0106	DOMESTC DUTIES	1	0195	LABERS IN HOUSE	2
0107	DOMESTIC	338	0196	LADIES COMPANION	2
0108	DOMESTIC AFFAIRS	2	0197	LADIES NURSE	5
0109	DOMESTIC AT HOME	1	0198	LADIES SERVING	1
0110	DOMESTIC COOK	1	0199	LADY'S MAID	3
0111	DOMESTIC DU	9	0200	LEADS A BLIND MAN	1
0112	DOMESTIC GIRL	1	0201	LIVE IN SERVICE	1
0113	DOMESTIC HAND	1	0202	LIVE TO SERVIS	1
0114	DOMESTIC HELP	3	0203	LIVING HOME SERV	2
0115	DOMESTIC HELPER	1	0204	LNRY ROOM GIRL	1
0116	DOMESTIC HOM?	1	0205	MAID	7
0117	DOMESTIC HOUSEKEEPER	1	0206	MAID OF ALL WORK	1
0118	DOMESTIC LAB	14	0207	MAN SERVANT	1
0119	DOMESTIC NURSE	1	0208	NURSE & WAITER	1
0120	DOMESTIC SERV	1133	0209	NURSE FOR CHILD	2
0121	DOMESTIC SERV WAITER	2	0210	NURSE FOR CHILDREN	1
0122	DOMESTIC SERVICE	33	0211	NURSE GIRL	4
0123	DOMESTIC SERVICE & NURSE	1	0212	NURSE KH	1
0124	DOMESTIC WORK	19	0213	NURSING MAID	1
0125	DRIVES DOCTOR CARRIAGE	1	0214	OUT AT SERVICE	4
0126	DRY NURSE	1	0215	OUT TO HOUSEWORK	1
0127	FAMILY COOK	3	0216	OUT TO SERVICE	7
0128	FARM COOK	1	0217	PANTRY MAN	2
0129	FARM SERV	11	0218	PANTY GIRL	1
0130	FOLLOWS SERVING	1	0219	PARLOR MAID	1
0131	FOOD TO COOK	1	0220	PRIVATE COACHMAN	2
0132	GEN SERVICE	3	0221	S. HOUSE WORK	1
0133	GENERAL HOUSE W	2	0222	SCRUB WOMAN	1
0134	GOES OUT AT SERVICE	1	0223	SCRUBGIRL	1
0135	GOES OUT TO HOUSE COOK	1	0224	SERV	7730
0136	GOES OUT TO HOUSE WORK	1	0225	SERV (HOUSE)	2
0137	GOVERNESS	6	0226	SERV ?GEN.T	1
0138	H SERVANT	1	0227	SERV GIRL	18
0139	H WORK	2	0228	SERV HAND	1
0140	H. SERV	7	0229	SERV HOUSE WORK	1
0141	H. SERVANT	3	0230	SERV IN FAMILY	1
0142	H. W.	9	0231	SERV IN HOUSE	2
0143	HAM SERVER	2	0232	SERV OR DOMESTIC	2
0144	HAND HOME	3	0233	SERV WOMAN	1
0145	HELPING ABOUTH THE HOUSE WORK	1	0234	SERV [DOM.]	5
0146	HELPING WITH HOUSE WORK	2	0235	SERVANT COOK	1
0147	HELPS ABOUT THE HOUSE	1	0236	SERVANT HOME	1
0148	HELPS IN FAMILY	1	0237	SERVANT MAID	1
0149	HIR.D GIRL	1	0238	SERVANT OF HOUSEWORK	1
0150	HIRED COOK	2	0239	SERVANT WORK	1
0151	HIRED GIRL	14	0240	SERVICE	7
0152	HIRED SERANT	1	0241	SERVILE	1
0153	HIRED SERVANT	1	0242	SERVING	9
0154	HOME SERV	2	0243	SERVING GIRL	7
0155	HOME SERVANT	1	0244	SERVING IN HOUSE	1
0156	HOME SERV	1	0245	SERVOME	1
0157	HOMEKEEPER	1	0246	TABLE GIRL	1
0158	HOUSE ASSISTANT	1	0247	TABLE MAID	1
0159	HOUSE BOY	11	0248	TAKES CARE OF CHILDREN	1
0160	HOUSE CLEANG	1	0249	TAKING CARE OF HOUSE	1
0161	HOUSE DOMESTIC	1	0250	TRAVELING CAMPANION	1
0162	HOUSE DUTIES	2	0251	VALET	1
0163	HOUSE DUTY	4	0252	VALET SERV	1
0164	HOUSE DUTY TAKING CARE HOUSE	1	0253	VEGT COOK	1
0165	HOUSE EMPLOYEE	1	0254	WAITER BOY	2
0166	HOUSE GIRL	26	0255	WAITER PRIVATE FAMILY	1
0167	HOUSE HELP	36	0256	WAITING BOY	2
0168	HOUSE HELPER	2	0257	WAITING MAIND	1
0169	HOUSE LAB	9	0258	WATRESS (SERV)	1
0170	HOUSE MAID	35	0259	WIT NURSE	3
0171	HOUSE SERV	223	0260	WK IN HOUSE	1
0172	HOUSE W	4	0261	WORK IN COLONY HOUSE	2
0173	HOUSE WOMAN	1	0262	WORK IN KITCHEN	3
0174	HOUSE WORK OUT	2	0263	WORK MAID	1
0175	HOUSE WORK??	1	0264	WORKS @ HOUSEWORK	2

0265	WORKS ABOUT HOUSE	1			
0266	WORKS AS SERV	2			
0267	WORKS AT THE HOUSE	1			
0268	WORKS HOUS	1			
0269	WORKS HOUSEKEEPING AT HOME	1			
0270	WORKS IN FAMILY	6			
0271	WORKS IN KITCHEN	4			
0272	WORKS IN SERVICE	2			
9004	NURSE	58			
9007	NURSING	1			
9008	NURSING SICK	1			
SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD					
730	Attendants, hospital or other inst.				
0001	? CHUDY SHOP	1			
0002	AT HOSPITAL	1			
0003	ATTENDANT AT ASYLUM	3			
0004	ATTENDANT IN HOSPITAL	2			
0005	ATTENDANT MCLEAN ASYLUM	1			
0006	CHARITY	1			
0007	HOSP MAKING	1			
0008	HOSPITAL ORDERLY	1			
0009	HOSPITAL STEWART	1			
0010	IN CO. ASYLUM	1			
0011	INST OF ORPHEN	1			
0012	LITTER CARRIER	1			
0013	WARD ATTENDANT	1			
0014	WARD TENDER	1			
0015	WORKS AT ASYLUM	1			
0016	WORKS AT REFORMATORY	2			
0017	WORKS IN AN HOSPITAL	1			
0018	WORKS ON POOR HOUSE	1			
731	Attendants, prof. and pers. n.e.c.				
0001	ATTENDANT	23			
0002	ATTENDANTS	1			
0003	BAWD	1			
0004	COSTUMER	1			
0005	COURTEZAN	2			
0006	GUIDE	1			
0007	GUIDE IN M CAVE	1			
0008	GUIDING SPORTSMAN	1			
0009	HARLOT	1			
0010	HOUSE OF ILL FAME	1			
0011	KEEPS HOUSE OF ASSIGNATION	1			
0012	MAGDALEA	2			
0013	P. MISTRESS	1			
0014	PROSTITUTE	65			
0015	SAID TO BE A PROSTITUTE	1			
0016	SERV WITH PHYSICIAN	1			
0017	WHORE	2			
0018	WORKS IN DENTIST OFFICE	1			
0019	WORKS IN PHOTO. GALARY	1			
732	Attendants, recreation				
0001	BARKER	7			
0002	WORKS IN BOWLING ALLEY	1			
740	Barbers, beauticians, etc.				
0001	BARBER	407			
0002	BARBER & MUSICIAN	1			
0003	BARBER AND TAILOR	1			
0004	BARBER SHOP	7			
0005	HAIR BUSINESS	4			
0006	HAIR CUTTER.	1			
0007	HAIR DRESSER	25			
0008	HAIRDRESSER	10			
0009	JOURNEYMAN BARBER	2			
0010	KEEPS BARBER SHOP	1			
0011	KEEPS HAIR STORE	1			
0012	WAITER AT BARBERSHOP	1			
0013	WORKS AS BARBER	2			
0014	WORKS BARBER	1			
0015	WORKS IN BARBER SHOP	3			
0016	WORKS IN HAIR CURLING	1			
750	Bartenders				
0001	ATTENDING BAR	2			
0002	ATTENDS BAR.	1			
0003	BAR ATTENDER	1			
0004	BAR BOY	1			
0005	BAR CLERK	1			
0006	BAR FENDER	1			
0007	BAR KEEPER	98			
0008	BAR ROOM	3			
0009	BAR TENDER IN SALOON	1			
0010	BARTENDER	135			
0011	IN LIQUOR SALOON	1			
0012	IN SALOON	1			
0013	NIGHT BAR TENDER	1			
0014	SALOON WORKS	1			
0015	TENDS BAR	5			
551	WORKS IN SALOON	4			
0001	Bootblacks	17			
0002	BOOT BLACK	1			
0003	SHOE BLACK	1			
752	Boarding and lodging house keepers				
0001	APT HOUSE KEEPER	2			
0002	BDR HOUSE	1			
0003	BOARDING	3			
0004	BOARDING (DAUG. KEEPING)	1			
0005	BOARDING HOME	1			
0006	BOARDING HOUSE	69			
0007	BOARDING HOUSE KEEPER	13			
0008	BOARDING LANDLADY	1			
0009	BOARDING LANDLORD	1			
0010	BOARDING MASTER	1			
0011	BOARDING PUPILS	1			
0012	BOARDS R.R. HANDS	1			
0013	BORDERS	1			
0014	FURNISHED ROOMS	1			
0015	KEEP QUARTERS	1			
0016	KEEPER OF LODGING HOUSE	1			
0017	KEEPING BOARDERS	14			
0018	KEEPING ROOMS	1			
0019	KEEPS BOARDERS	30			
0020	KEEPS BOARDING	1			
0021	KEEPS BOARDING HOUSE	57			
0022	KEEPS FURNIS.D FLATS	1			
0023	KEEPS LODGING HOUSE	3			
0024	KEEPS LODGINGS	1			
0025	KEEPS ROOMERS	1			
0026	KEEPS ROOMS	1			
0027	L.HOUSE KEEPER	1			
0028	LAND LADY	20			
0029	LANDLADY OF BOARD HOUSE	1			
0030	LODGING HOUSE	5			
0031	LODGING HOUSE KEEPER	3			
0032	PROP.R BOARDING HOUSE	4			
0033	RENTING ROOMS	1			
0034	ROOMING HOUSE	1			
753	Charwomen and cleaners				
0001	CHAR WOMAN	1			
0002	CHIMNEY SWEEP	4			
0003	SCRUBBING	1			
0004	WASHER HOTEL	1			
754	Cooks, except private household				
0001	CANAL BOAT COOK	1			
0002	COOK AN BARGE	1			
0003	COOK AT HOTEL	10			
0004	COOK AT M CAVE	1			
0005	COOK AT MILL	2			
0006	COOK AT P HOUSE	1			
0007	COOK BOURDIG HOUSE	4			
0008	COOK FOR RR C.	1			
0009	COOK FOR TEACHERS	1			
0010	COOK HOTEL	2			
0011	COOK IN COFFEE HOUSE	1			
0012	COOK IN COLLEGE	1			
0013	COOK IN GROCERY & DRY GOODS	1			
0014	COOK IN HOTEL	40			
0015	COOK IN L CAMP	1			
0016	COOK IN LUMBER CAMP	1			
0017	COOK IN RESTAURANT	13			
0018	COOK IN SALOON	2			
0019	COOK ON BOAT	1			
0020	COOK ON SHIP	1			
0021	COOK ON STEAMBOAT	1			
0022	COOK ON TUG	1			
0023	COOK ON VESSEL	1			
0024	COOK R.R.	1			
0025	COOK ST ST BY	1			
0026	COOKS IN CANAL BT	2			
0027	COOKS IN HOTEL	2			
0028	COOKS IN MATCH FACT	1			
0029	COOKS ON CANAL	1			
0030	COOLER	1			
0031	MEAT COOK IN SALOON	1			
0032	OYSTER-COOK & DRESSES	1			
0033	RIVER COOK	1			
0034	SALOON COOK	1			
0035	SHIP'S COOK	1			
0036	STEAMBOAT COOK	1			
762	Firemen, fire protection				
0001	CITY FIREMAN	1			
0002	DRIVER FIRE ENGINE	1			
0003	ENGINEER OF CITY FIRE DEP	1			
0004	FIRE DEPARTMENT	5			
0005	FIRE DEPT DRIVER	1			
0006	FIRE MAN CORPORATION	1			

	0007	FIRE PATROLL	1	770	Janitors and sextons		
	0008	FIREMAN IN EMPLOY OF CITY	1	0001	CEMETERY SEXTON		1
	0009	FIREMAN ON DEPARTMENT	1	0002	CHURCH JANITOR		1
	0010	FIREMAND S.F.F. DPT	1	0003	CHURCH SEXTIONS		1
	0011	FOREMAN FIRE DEPT	1	0004	CLEANING PUBLIC SCHOOL		1
	0012	IN CITY FIRE DEPARTMENT	1	0005	CLEANING REP OFFICES		1
	0013	IN FIRE DEPARTMENT	1	0006	JANATOR INSTITUTE		1
763	0014	STOKES FIRE DEPT	1	0007	JANITOR		33
	Guards, watchmen, and doorkeepers			0008	JANITOR AT COURT HOUSE		1
	0001	APPRENTICE TO WATCHMAN	1	0009	JANITOR AT SCHOOL HOUSE		1
	0002	CEMETERY POLICE	1	0010	JANITOR DOING PUBLIC ?PARK		1
	0003	DECTIVE	1	0011	JANITOR FOR SCHOOL		1
	0004	GATE KEEPER	1	0012	JANITOR IN A BANK		1
	0005	GATE KEEPER H. FERRY	1	0013	JANITOR LAW OFFICE		1
	0006	GATE KEEPER IN PARK	1	0014	JANITOR OF COURT HOUSE		1
	0007	GATEMAN	1	0015	JANITOR OF FLATS		1
	0008	GUARD	4	0016	JANITOR OF PUBLIC SCHOOL		1
	0009	GUARD AT PENITY	1	0017	JANITOR OF SCHOOL HOUSE		1
	0010	GUARD MO PY	1	0018	JANITOR R.C. CHUCH		1
	0011	GUARD PENETANTIARY	1	0019	JANITOR RR DEPOT		1
	0012	LOOK OUT MAN	1	0020	JANITOR S HOUSE		2
	0013	NIGH WATCH? R R	1	0021	JANITRESS OF SCHOOL		1
	0014	NIGHT POLICE	1	0022	JANITOUR IN HOTEL		1
	0015	NIGHT WATCH	9	0023	JANITRESS		3
	0016	NIGHT WATCH AT MILL	1	0024	SCHOOL JANITOR		3
	0017	NIGHT WATCH ON R R	1	0025	SEXTON		13
	0018	NIGHT WATCHER	1	0026	SEXTON & DAY LAB		1
	0019	NIGHT WATCHMAN	30	0027	SEXTON -(CHURCH)		2
	0020	NIGHT WATCHMAN AT GULF	1	0028	SEXTON IN CHURCH		2
	0021	NIGHT WATCHMAN AT IRON WORKS	1	0029	SEXTON OF CHURCH		2
	0022	NIGHT WATCHMAN FCTY	1	0030	WORKS IN A CHURCH		1
	0023	NIGHT WATCHMAN IN MILL	1	771	Marshals and constables		
	0024	NIGHT WORKMAN	1	0001	CITY MARSHALL		4
	0025	POLICEMAN IN S PRISON	1	0002	CITY WATCH		1
	0026	PRISON GUARD	7	0003	CONSTABLE		38
	0027	PRISON OFFICER	1	0004	CONSTABLE & COLLECTOR		1
	0028	PRIVATE DEDECKTIV	1	0005	CONSTABLE 3.RD DIST		1
	0029	PRIVATE POLICMAN	1	0006	CONSTABLE OF 5 DIST		1
	0030	PRIVATE SOLDR	2	0007	DEPT. CONSTABLE		1
	0031	PRIVATE WATCHMAN	3	0008	MARSHAL		1
	0032	R R POLICE	1	0009	MARSHAL CITY		1
	0033	R.R. WATCHMAN	1	0010	N.J. MARSHALL (NO PROFESS		1
	0034	RR GATE AT UNION DEPOT	8	0011	RIDING CONSTABLE		1
	0035	SAUSAGE HEDDLER NOW PARK WATCHMAN	1	0012	TOWN CONSTAB		1
	0036	STEAMBOAT WATCHMAN	1	0013	TOWN MARSHAL		4
	0037	TOLL GATE KEEPER	1	0014	U.S. MARSHALL		1
	0038	TURN KEY AT POOR FARM	3	772	Midwives		
	0039	TURNKEY	1	0001	MID-WIFE KEEPING HOUSE		1
	0040	WATCH AT FOUNDRY	1	0002	MIDWIFE		24
	0041	WATCHES AT GRIS MILL	1	0003	MIDWIFERY		1
	0042	WATCHMAN	1	773	Policemen and detectives		
	0043	WATCHMAN AT MILL	96	0001	CAPT OF POLICE STATION N.O 3		1
	0044	WATCHMAN AT MINE	4	0002	CAPTAIN POLICE		1
	0045	WATCHMAN AT PACKING HOUSE	1	0003	CHIEF OF POLICE SALOON KEEPER		1
	0046	WATCHMAN AT R R ENGINE HOUSE	1	0004	CITY POLICE OFFICER		1
	0047	WATCHMAN AT RR	1	0005	CITY POLICEMAN		2
	0048	WATCHMAN FOR R R	1	0006	COAL & IRON POLICE		1
	0049	WATCHMAN IN BANK	1	0007	DETECTIVE		5
	0050	WATCHMAN IN FOUNDRY	1	0008	DETECTIVE OFFICER		1
	0051	WATCHMAN IN MILL	1	0009	LEUT. OF POLICE		1
	0052	WATCHMAN IN OFFICE	4	0010	MET. POLICE FORCE		1
	0053	WATCHMAN INT. DEPT.	1	0011	OFFICER		2
	0054	WATCHMAN ON BOAT	1	0012	PATROLMAN		1
	0055	WATCHMAN ON COAL BOATS	3	0013	POLICE		7
	0056	WATCHMAN ON WHARF BOAT	1	0014	POLICE (CITY)		1
	0057	WATCHMAN R R	1	0015	POLICE FORCE		1
	0058	WATCHMAN WOOLEN MILL	7	0016	POLICE MAGISTRATE		2
	0059	WATCHS FIRE ?KREAKER	1	0018	POLICE MAN CITY		1
	0060	WORKS AT PRISON	1	0019	POLICE OFFICER		35
	0061	WORKS IN PENATENTARY	1	0020	POLICE SERGT		1
	0062	RR GATE KEEPER	1	0021	POLICEMAN		74
764	Housekeepers/stewards, ex. priv. hh			0022	POLICEMAN G.T. RY		1
	0001	HOSPITAL STEWARD UFA	1	0023	PRIVATE DETECTIVE		1
	0002	HOTEL STEWARD	3	0024	PRIVATE POLICEMAN		1
	0003	HOTEL SVT	1	0025	R.R. POLICE OFFICER		1
	0004	S-B-STEWARD	1	0026	SARGENT OF POLICE		1
	0005	SERVANT AT HOTEL	2	0027	SARGENT POLICE		2
	0006	SEVANT IN HOTEL	2	0028	SPECIAL POLICE		1
	0007	SHIP STEWART JANITOR OF	1	0029	TEMPERANCE SPY		1
	0008	STEWARD	19	780	Porters		
	0009	STEWARD COUNTY HOUSE	1	0001	HOTEL PORTER		6
	0010	STEWARD IN HOTEL	1	0002	HOUSE PORTER		1
	0011	STEWARD ON BOAT	1	0003	OFFICE PORTER		2
	0012	STEWARD ON BOAT "CLAUD"	1	0004	PORTER		113
	0013	STEWARD ON S.T B	1	0005	PORTER (STORE)		1
	0014	STEWARD ON TUG BOAT	1	0006	PORTER AT EXPRESS OFF		1
	0015	STEWARD STEAMSHIP	1	0007	PORTER AT HOTEL		5
	0016	STEWARDESS ON BOAT	1	0008	PORTER AT R R DEPOT		1
	0017	STUARD AT HOTEL	1	0009	PORTER AT STATE HOUSE		1

	0010	PORTER AT WHOLESALE HOUSE	1	0031	WIATER IN SUMMER	1
	0011	PORTER BALT DEPOT	1	785	Watchmen (crossing), bridge tenders	11
	0012	PORTER IN ? ROCKERY HOUSE	1	0001	BRIDG HANDRR	1
	0013	PORTER IN ? SALONE	2	0002	BRIDGE BOY	1
	0014	PORTER IN BANK	1	0003	BRIDGE KEEPER	1
	0015	PORTER IN CLOTHING HO?	2	0004	BRIDGE TENDER	3
	0016	PORTER IN COUT HOUSE	1	0005	BRIDGE TENDER R.R.	1
	0017	PORTER IN D G STORE	1	0006	BRIDGE WATCHMAN	1
	0018	PORTER IN DRUG STORE	1	0007	FROG & CROSSINGS	1
	0019	PORTER IN GROCERY	4	0008	KEEPER OF BRIDGE	1
	0020	PORTER IN STORE	45	0009	KEEPER OF RESERVOIR	1
	0021	PORTER IN STORE (GROCERY)	1	0010	KEEPING TOLL GATE	7
	0022	PORTER IN STORE HOUSE	2	0011	KEEPS TOLL GATE	4
	0023	PORTER IN STOVE STORE	1	0012	R R GATE KEEPER	2
	0024	PORTER IN TIN SHOP	1	0013	SWINGIN BRIDG	1
	0025	PORTER IN WHOLESALE BUSINESS	1	0014	TOLL HOUSE	3
	0026	PORTER L MACHIN OFFICE	1	0015	TOLL KEEPER	1
	0027	PORTER LEATHER STORE	1	0016	TOLL KEEPER + SHOE MAKER	2
	0028	PORTER ON BOAT	1	0017	TOLLGATE KEEPER	2
	0029	PORTER ON PULLMAN CAR	1	0018	WATCHMAN ON BRIDGE	5
	0030	PORTER ON R R	2	0019	WORKS ON PIKE	1
	0031	PORTER R. R.	2	790	Service wkrs, ex. priv. hh, n.e.c.	1
	0032	PORTER/SALOON	1	0001	? RUSSAN ? BATH	1
	0033	PORTORS	1	0002	ASSIST IN	1
	0034	R R PORTER	9	0003	ASSIST IN RESTAURANT	1
	0035	STORE PORTER	1	0004	ASSISTANT IN HOTEL	1
781		Practical nurses		0005	BATHS	1
	0001	HEAD NURSE	1	0006	BELL BOY	6
	0002	MONTHLY NURSE	1	0007	BELL BOY AT HOTEL	1
	0003	NURS FOR SICK	1	0008	BELL BOY HOTEL	1
	0004	NURSE	269	0009	BILLIARD CLERK	1
	0005	NURSES	3	0010	CARPET CLEANER	1
	0006	NURSES BY DAY	1	0011	CHAMBERMAID OF HOTEL	1
	0007	NURSING	9	0012	CHAMBERMAID ON BOAT	1
	0009	SICK NURSE	4	0013	DISHWASHER	9
782		Sheriffs and bailiffs		0014	EATING SALOON	1
	0001	BAILIFF	1	0015	FUNERAL HOUSEWORK	2
	0002	BAILIFF AT COURT	1	0016	GIRL	1
	0003	COUNTY SHERIFF	1	0017	GLOBE HOTEL	1
	0004	COURT CRYER	1	0018	HALL MAN	1
	0005	CRYER OF COURT	1	0019	HELP IN HOTEL	1
	0006	DEP SHERIFF L & C CO	1	0020	HELPS RESTAURANT	1
	0007	DEPT BALIFF	1	0021	HOTEL	19
	0008	DEPT'Y SHFF & JAILER	1	0022	HOTEL (SUMMER)	1
	0009	DEPUTY	1	0023	HOTEL BELLBOY	1
	0010	DEPUTY SHERIFF	31	0024	HOTEL CHAMBERMAID	2
	0011	HIGH SHERIFF	1	0025	HOTEL EMPLOYEES	1
	0012	SHERFF. CO	1	0026	HOTEL RUNNER	1
	0013	SHERIFF	18	0027	HOTEL SERV	9
	0014	SHERIFF & JAILOR	2	0028	HOTEL WORKER	5
	0015	SHERIFF DEKALB CO.	1	0029	KEEPER OF STABLE	1
	0016	SHERIFF E CO	1	0030	KEEPING A STABLE	2
	0017	SHERIFF OF COUNTY	1	0031	KEEPN RECEPTION ROOM	1
	0018	SHERIFF OF HALIFAX	1	0032	LIVERY KEEPER	7
	0019	SHERIFF SUPREME COURT GEORGIA	1	0033	LIVERY STABLE KEEPER	18
	0020	TIPSTAFF	2	0034	MONTREAL HOTEL	1
	0021	TIPSTAVE COURT	1	0035	PANTRY IN HOTEL	1
	0022	TIPSTAVE OF THE COURT	1	0036	RESTAURANT ?B=	1
784		Waiters and waitresses		0037	RESTORANT & LAB	1
	0001	2ND WAITER	1	0038	RESTRAUNT	3
	0002	CABIN WAITER	1	0039	SERV AT HOTEL	1
	0003	HEAD WAITE ?S. L	1	0040	SERV IN BOARDING HOUSE	3
	0004	HEAD WAITER	1	0041	SETTING UP PINS	1
	0005	HEAD WAITER A HOTEL	1	0042	STABLE KEEPER	12
	0006	HOTEL WAITER	18	0043	TENDING B. STABLE	1
	0007	RESTAURANT WAITER	2	0044	WASHING ? DISH	1
	0008	SALOON WAITER	1	0045	WKS FOR CITY	2
	0009	TABLE WAITER	6	0046	WORKS AT HOTEL	5
	0010	TABLE WAITER AT L. COLLEG	1	0047	WORKS AT OYSTER HOUSE	1
	0011	WAITER	201	0048	WORKS AT RESTAURANT	1
	0012	WAITER AT HOTEL	9	0049	WORKS IN BATH ROOM	1
	0013	WAITER AT RESTERANT	1	0050	WORKS IN BATHS	1
	0014	WAITER HOTEL	7	0051	WORKS IN COFFE HOUSE	1
	0015	WAITER HOWARD HOUSE	1	0052	WORKS IN EATING HOUSE	1
	0016	WAITER IN HOTEL	34	0053	WORKS IN HOTEL	21
	0017	WAITER IN HOTELL	2	0054	WORKS IN HOTEL ?BARR	1
	0018	WAITER IN R R OFFICE	1	0055	WORKS IN OYSTER HOUSE	2
	0019	WAITER IN RESTAURANT	14	0056	WORKS IN RESTAURANT	8
	0020	WAITER IN SALOON	2			
	0021	WAITER ON ?R	1			
	0022	WAITER ON BOAT	2			
	0023	WAITER ON STEAMBOAT	1			
	0024	WAITER RESTAURANT	1			
	0025	WAITERS	2			
	0026	WAITING IN HOTEL	1			
	0027	WAITRESS	32			
	0028	WAITRESS IN HOTEL	1			
	0029	WAITRESS IN SALOON	1			
	0030	WAITS ON TABLE	2			

0008	OVERSEER OF TURPT H???	1	0079	DEPENDANT ON COUNTY FARM	1
0009	OVERSEEING FARM	1	0080	DITCH BUILDER	1
0010	OVERSEER	17	0081	DITCH TENDER	3
0011	OVERSEER FARM	1	0082	DITCHING	1
0012	OVERSEER OF ALL WORK	2	0083	DOES "CHORES"	2
0013	OVERSEER OF FARM	2	0084	DOES FARM WORK	4
0014	OVERSEER OF TOWN FARM	1	0085	DOING CHORES	5
0015	OVERSEER ON FARM	4	0086	DOING FARM WORK	1
0016	OVERSEER ON SUGAR PLANTATION	2	0087	DOING TURNS	1
0017	TURPENTINE OVERSEER	1	0088	DOING WORK ON FARM	1
820	Farm laborers, wage workers		0089	DRAWS MILK	1
0001	? FEED ? HAND	2	0090	DRIVES CA?T??	1
0002	?AT ?FARM	2	0091	DRIVES STOCK	3
0003	ABSENT HEARDING	1	0092	DRIVING CATTLE	7
0004	AGRIC LAB	1	0093	DRIVING STOCK	4
0005	APP FARMER	1	0094	DROVER	12
0006	APPRENTICED TO FARMER	1	0095	EMPLOYED IN FARM	1
0007	AS ONE FARM	2	0096	EMPLOYED ON FARM	2
0008	AS ONE OF FARM	1	0097	F LAB ON FARM	1
0009	ASS IN FARMING	2	0098	FARM & GENL LABORER	1
0010	ASS'T AT FARMING	2	0099	FARM & HOUSE SERV	1
0011	ASSH	1	0100	FARM & LAB	1
0012	ASSIS FARM	21	0101	FARM & STOCK RAISER	1
0013	ASSIST AT HERDING	1	0102	FARM ? HOOKS	1
0014	ASSIST IN FARM	10	0103	FARM ASST	5
0015	ASSIST IN FARMING	1	0104	FARM AT HOME	3
0016	ASSIST ON FARM	48	0105	FARM BOY	13
0017	ASSISTING FARMER	4	0106	FARM FROM HOME	1
0018	ASSISTING IN FARM	1	0107	FARM GIRL	1
0019	ASSISTING IN FIELD	1	0108	FARM HAND	2577
0020	ASSISTING ON FARM	13	0109	FARM HAND WORKS BY THE	1
0021	ASSISTS AT HOME ON FARM	1	0110	FARM HELP	35
0022	ASSISTS IN DAIRY	1	0111	FARM HELPER	4
0023	ASSISTS IN FARM	9	0112	FARM LAB	11741
0024	ASSISTS IN FARMING	4	0113	FARM LAB BY DAY	1
0025	ASSISTS ON FARM	42	0114	FARM LABG	1
0026	ASST	2	0115	FARM LABOR	269
0027	ASST FARMER	2	0116	FARM LABOR AT HOME	3
0028	ASST FARMING	1	0117	FARM LABORER + ASSISTANT	1
0029	AT CHORES	1	0118	FARM LABORER AT HOME	1
0030	AT FARM LABOR	2	0119	FARM LABORERS	5
0031	AT FARM WORK	3	0120	FARM LABORING	5
0032	AT HOME WORK ON FARM	1	0121	FARM LAD	1
0033	AT HOME WORKS FARM	1	0122	FARM LAND	1
0034	AT HOME WORKS ON FARM	1	0123	FARM MAN	1
0035	AT WORK ?IN ?THE ?COUNTRY	1	0124	FARM WORK	149
0036	AT WORK FARM	1	0125	FARM WORKER	2
0037	AT WORK FARMING	1	0126	FARMER HELPER	1
0038	AT WORK ON FARM	15	0127	FARMER HIRED	1
0039	ATTENDING TO STOCK	1	0128	FARMER LAB	59
0040	ATTENDS TO CATTLE	1	0129	FARMER LABOR	4
0041	BAILER	1	0130	FARMER'S ASSISTANT	1
0042	BARK PEELER	5	0131	FARMERS HAND	1
0043	BREAKING PRAIRIE	4	0132	FARMHANDS	2
0044	BUTTER MAKER	1	0133	FARMING (LAB.)	7
0045	BUTTER MAKING	1	0134	FARMING HELP	3
0046	CARRIES ON FARM	4	0135	FARMING WITH FATHER	1
0047	CARRYING ON FARM	2	0136	FARMING-HIRED	1
0048	CASTRATOR	1	0137	FARMS LAB	1
0049	CATLE DRIVE	1	0138	FARMS WITH FATHER	1
0050	CATLE GRAZIER	1	0139	FEED	1
0051	CATTLE DRIVER	8	0140	FEEDING CHICKENS	1
0052	CATTLE DROVER	2	0141	FENCE BUILDER	2
0053	CATTLE FEEDER	1	0142	FENCE MAKER	2
0054	CATTLE GRADER	1	0143	FENCER	1
0055	CATTLE GRAZIER	1	0144	FENCING	1
0056	CATTLE HAND	2	0145	FIELD HAND	263
0057	CATTLE HERDER	9	0146	FIELD LAB	48
0058	CHIPS TURPENTINE	4	0147	FIELD WORK	1
0059	CHOPING COTTON	3	0148	FLOATING FARM LAB	3
0060	CHORE BOY	5	0149	FLOREST HELPER	3
0061	CHORE WORK	1	0150	FORIST LABORER	1
0062	CHORES	10	0151	FORKS FOR FARM	1
0063	CORN LABORER	1	0152	GARDEN HAND	1
0064	CORN SHELLER	1	0153	GARDEN LABORER	1
0065	CORRALL	1	0154	GARDENER'S MAN	1
0066	COTTEN SAMPLER	1	0155	GELDER	1
0067	COTTON STOWER	1	0156	GETTING BARK	2
0068	COW BOY	7	0157	GETTING TAR BARK	1
0069	COW DRIVER	2	0158	GOES TO THE FIELD	1
0070	COW-HERDER	3	0159	GRAIN SHOVELLER	1
0071	CROPER	5	0160	GRAZING CATTLE	1
0072	D??IN STOCK	1	0161	GRUB HUNTER	1
0073	DAIRY HAND	6	0162	HACKING TURPENTINE ???	1
0074	DAIRYLAND	2	0163	HAND	6
0075	DAIRYMAID	1	0164	HAND IN FARM	7
0076	DAY HAND FARM	1	0165	HAND ON FARM	3
0077	DAY LAB ON FARM	5	0166	HARDING	1
0078	DAY LABORER ON FARM	1	0167	HAULS HAY	4

0168	HAY PREPER	2	0257	LABORER ON TURPENTINE FRM	1
0169	HAY PRESSER	1	0258	LABORING ON FARM	26
0170	HEAD PUNCHER	1	0259	LABORS A FARM	2
0171	HEARD MAN	1	0260	LABORS FARMING	1
0172	HEARDER OF SHEEP	1	0261	LABORS ON FARM	146
0173	HEARDING	1	0262	LABORS ON ITS FARM	1
0174	HEARDSMAN	1	0263	MILK MAID	1
0175	HELP IN FARM	1	0264	MONTH FARM HAND	1
0176	HELP ON FARM	48	0265	MORKS AT FARM	1
0177	HELPE	7	0266	MULE DOWER	1
0178	HELPER ON FARM	7	0267	NIGHTERDER	1
0179	HELPING FARM	6	0268	NURSERY LAB	2
0180	HELPING ON FARM	36	0269	ON ? ITS FARM	1
0181	HELPS FARM	13	0270	ON A FARM	3
0182	HELPS IN FARM	1	0271	ON FARM	151
0183	HELPS ON FARM	101	0272	ON FARM AT HOME	1
0184	HELPS ON FARMER[FARM]	1	0273	ON THE FARM	35
0185	HELPS TO FARM	1	0274	P?? & RAILER	1
0186	HELPS WORK FARM	1	0275	PART IN FARM	1
0187	HERD CATTLE	1	0276	PICK BERRIES	1
0188	HERDER	66	0277	PICKER OF TOBACCO	1
0189	HERDER & DAY LABORER	1	0278	PICKS BERRIES	1
0190	HERDER OF CATLE	1	0279	PLANT LAB	3
0191	HERDER SHEEP	1	0280	PLANTATION HAND	3
0192	HERDING	19	0281	PLOUGHING	1
0193	HERDING CATLE	1	0282	PLOW BOY	1
0194	HERDING CATTLE	27	0283	PLOWING	1
0195	HERDING HORSES	1	0284	PLOWMAN	7
0196	HERDING SHEEP	6	0285	PORTER IN LEAF TOBACCO	2
0197	HERDS CATTLE	5	0286	POST + RAILER	1
0198	HERDS STOCK	2	0287	PRAIRIE BREAKER	1
0199	HERDSMAN	5	0288	PRUNER OF TREES	1
0200	HIRE OUT	1	0289	RACE RIDER	3
0201	HIRED	4	0290	RICE HAND	3
0202	HIRED BY THE DAY	1	0291	RICE LABR	1
0203	HIRED FARM LABOURER	4	0292	RIDER	1
0204	HIRED FARMER	1	0293	RIDING TEACHER	1
0205	HIRED FOR WAGES	3	0294	RUNING STOCK	1
0206	HIRED HAND	9	0295	RUNS THRESHER	1
0207	HIRED HELP	6	0296	RUNS THRESHING MC?E	1
0208	HIRED LAB	7	0297	SERV ON FARM	2
0209	HIRED OFF ON FARM	1	0298	SHEEP HERDER	30
0210	HIRED ON FARM	9	0299	SHEEP SHEARER	3
0211	HIRED OUT	9	0300	SHEPHERD	24
0212	HIRED TENNANT	1	0301	STOCK DRIVER	3
0213	HIRED MAN	2	0302	STOCK DROVER	2
0214	HIRELAND ON FARM	2	0303	STOCK GOVNER	1
0215	HIRELING	29	0304	STOCK HAND	8
0216	HIRELING & LABORER ON FAR	1	0305	STOCK HERD	1
0217	HIRELING ON FARM	4	0306	STOCK HERDER	11
0218	HIRES	1	0307	STOCK RIDER	1
0219	HIRES OUT	1	0308	STRIPS TOBACCO	3
0220	HIRES OUT ON FARM	1	0309	SWINEHERD	1
0221	HIRIED ON FARM	1	0310	TAMER	1
0222	HOES CORN	1	0311	TEND TURPENTINE	1
0223	HORSE BREAKER	1	0312	TENDS WATER DITCH	1
0224	HORSE JOCKEY	2	0313	THRASHER	1
0225	HORSE TRAINER	26	0314	TOBACCO ASSORTER	1
0226	HORSE WAINER	1	0315	TOBACCO HAND	2
0227	HORSEMAN	5	0316	TOBACCO LABORER	1
0228	HOUSE & FARM LAB	2	0317	TOBACCO PICKER	2
0229	HOUSE & FARM WORK	5	0318	TOBACCO STRIPPER	7
0230	HOUSE + FIELD	2	0319	TRAINER	1
0231	HOUSE FARM WORK	3	0320	TRNCHMAN	1
0232	HULLED CORN	1	0321	TROUT FEEDER	1
0233	IN GAGE ON FARM	1	0322	TURPENT	2
0234	IRRIGATOR	1	0323	TURPENTINE HAND	17
0235	JOCKEY	4	0324	TURPENTINE HANDS	1
0236	KEEPING HAND	1	0325	TURPENTINE LAB	7
0237	KEEPING HOUSE AST. IN FARM	1	0326	TURPENTINE MAN	1
0238	KH WORKS IN FARM	1	0327	TURPENTINE OPER.	2
0239	KHRM HAND	1	0328	TURPENTINE PRO	1
0240	L IN FIELD	4	0329	TURPENTINER	1
0241	LAB & FARMER	1	0330	VINYARD LAB	1
0242	LAB (FARM)	78	0331	WOKRS OUT ON FARM	3
0243	LAB (TURPENTINE)	2	0332	WOORK ON FARM AT SCHOOL	1
0244	LAB COTTON FLD	14	0333	WOR THE FARM	1
0245	LAB IN ? EGG BUSINESS	1	0334	WORK ? FARM	1
0246	LAB IN COTTON FIELD	7	0335	WORK AT FARM	3
0247	LAB IN FARM	37	0336	WORK FARMING	4
0248	LAB IN GARDEN	1	0337	WORK IN ? FRUIT FARM	1
0249	LAB ON FARM	430	0338	WORK IN FARM	98
0250	LAB ON FARM 12	1	0339	WORK IN FIELD	16
0251	LAB ON PLANT	2	0340	WORK IN HOUSE + FARM	1
0252	LAB SHARE	1	0341	WORK IN TERPENTIN FARM	7
0253	LABOR IN TURPT	2	0342	WORK IN TURPENTINE	1
0254	LABOR TURPENTINE	2	0343	WORK ON COLONY FARM	1
0255	LABORER FARMER	1	0344	WORK SON FARM	1
0256	LABORER ON FARM FOR WAGES	1	0345	WORK TURPENTINE	3

LABORERS, EXCEPT FARM AND MINE		
910	Fishermen and oystermen	
0001	CATCHES OYSTERS	1
0002	CLAMING & FISHING	1
0003	CLAMMER	2
0004	CRAB PICKER	1
0005	DIGGING CAMAS	1
0006	FISH & OYSTERMAN	1
0007	FISH + OYSTERS	3
0008	FISH BATE	1
0009	FISH BUSINESS	1
0010	FISH CLEANER	1
0011	FISH SKINNER	1
0012	FISHER	3
0013	FISHERMAN	201
0014	FISHERMAN & LAB	1
0015	FISHING	14
0016	FISHING &	2
0017	FISHING & HUNTING	1
0018	FISHMAN	2
0019	GOES FISHING	1
0020	LAB FISHERMAN	2
0021	LOBSTER FISHERMAN	2
0022	MASTER FISHERMAN	2
0023	NET FISHERMAN	1
0024	NETTER	2
0025	OSTLER	10
0026	OYSTER	1
0027	OYSTER CATCHER	1
0028	OYSTER CULLER	1
0029	OYSTER FISHERMAN	3
0030	OYSTER MAN	3
0031	OYSTER PLANTER	3
0032	OYSTER SHUCKER	4
0033	OYSTERING	1
0034	OYSTERMAN	59
0035	WORKS IN FISHERY	15
930	Gardeners, ex. farm, groundskeepers	

0001	?VIALETT? KEAPER	1	0037	LUMBER INSPECTOR	14
0002	AT HOME ? GARDNER	1	0038	LUMBER LAB	6
0003	CULTIVATING GARDEN	1	0039	LUMBER PILER	2
0004	GARDEN	1	0040	LUMBER PULLING RIVER	1
0005	GARDEN SVT	1	0041	LUMBER SHOVER	1
0006	GARDENER	340	0042	LUMBER SURVEYOR	2
0007	GARDENER & CH	1	0043	LUMBER TALLYMAN	1
0008	GARDENER & MILK MAN	1	0044	LUMBERING	11
0009	GARDENER & SHIPPER	1	0045	LUMBERMAN	168
0010	GARDENING	18	0046	LUMBERMAN LABORER	1
0011	GARDNER & C	1	0047	LUMBERS	1
0012	GARDNESS	1	0048	NAVAL STORES	1
0013	GRAPES HANGER	1	0049	PEALING BARK	1
0014	HEDGER	1	0050	RAFTING LOGS	4
0015	KEEPS CEMETRY	1	0051	RAFTING TIMBER	1
0016	KEEPS GARDEN	1	0052	RAFTSMAN	6
0017	LANDSCAPE GARDENER	1	0053	SEALING LOGS	1
0018	NURSERY	2	0054	SLITTING BIRCH	1
0019	NURSERY BUSSINESS	1	0055	TIMBER CUTTER	5
0020	NURSERYMAN	14	0056	TIMBER DRIFTER	1
0021	PRFL GARDNER	1	0057	TIMBER GETTER	3
0022	SEXTON CEMETARY	2	0058	TIMBER WAGONS	1
0023	SEXTON OF CITY CEMETERY	1	0059	WKS IN LUMBER OP	1
0024	SEXTON OF GRAVE YD	1	0060	WOOD CHOPPER	66
0025	SUPT CEMETERY	1	0061	WOOD CHOPPER IN YARD	1
0026	TAKES CARE OF CEMETERY	1	0062	WOOD CHOPPING	2
0027	VINECULTURIST	1	0063	WOOD CUTTER	6
0028	WKS IN CEMETERY	1	0064	WOOD FARMER	1
0029	WORK AT GARDENING	1	0065	WOOD SORTER	1
0030	WORK GARDEN	1	0066	WOODS LAB	2
0031	WORK IN CEMMETRY	1	0067	WOODSMAN	7
0032	WORK IN GARDEN	1	0068	WOCK GROWER	1
0033	WORK ON BACK YARD	1	0069	WORK IN BARK WOODS	2
0034	WORKS AT GARDNING	1	0070	WORK ON LOGS	1
0035	WORKS IN GARDEN	14	0071	WORK ON RIVER RAFTING	1
0036	WORKS IN NURSERY	7	0072	WORKING IN LUMBER CAMP	1
0037	WORKS ON VINYARD	2	0073	WORKS AT LOGGING	1
940	Longshoremen and stevedores		0074	WORKS AT LUMBERING	7
0001	ALONG SHORE	1	0075	WORKS IN CAMP	2
0002	DOCK LAB	3	0076	WORKS IN CORD WOOD	1
0003	DOCKER	1	0077	WORKS IN CORK WOODS	1
0004	LONG SHORE MAN	12	0078	WORKS IN LUMBER CAMP	2
0005	LONGSHORE	2	0079	WORKS IN LUMBER WOOD	1
0006	LONGSHOREMAN	30	0080	WORKS IN PINE WOODS	3
0007	PIER MAN	1	0081	WORKS IN THE LUMBER WOODS	33
0008	SHIP FASTENER	3	0082	WORKS IN TIMBER	6
0009	STEVEDORE	6	0083	WORKS IN WOODS	42
0010	STEVEDORE	37	0084	WORKS IN WOODS CUTTING TIMBER	1
0011	UNLOAD CANAL BOAT	1	0085	WORKS ON LUMBER	1
0012	WHARFINGER	2	970	Laborers, n.e.c.	
0013	WORK ON WHARF	2	0001	"DUNG" DIGGER	1
0014	WORKS ON DOCK	5	0002	? ELEV BOY	3
950	Lumbermen, raftsmen, woodchoppers		0003	? FITS DITCHES	1
0001	AX MAN	1	0004	? HACKS ICE	1
0002	BARK CUTTER	2	0006	? WELKMAN	1
0003	BARK PORTER	1	0007	?HRNING & LAB STAB	1
0004	BARKER & CARTER	1	0008	ALL WORKS	4
0005	CEDAR CUTTER	4	0009	ANYTHING HE CAN	1
0006	CEDAR GETTER	2	0010	ASH WASHER	1
0007	CHECKS LUMBER	1	0011	ASSIST BLK SMITH	1
0008	CHOPING	1	0012	ASSIST WORK	1
0009	CHOPING WOOD	10	0013	ASSISTANT LIVERY	1
0010	CHOPPING LOGS	1	0014	ASSISTANT TO GROCER	1
0011	CHOPPING TIES	1	0015	ASSISTS IN B.H.	1
0012	CHOPPR	1	0016	AT HAND	1
0013	COLLECTOR OF LOGS	1	0017	AT HOME LAB	1
0014	CUTING WOOD	5	0019	AT LAB	1
0015	CUTS SAW LOGO	4	0020	AT TO TANNER	1
0016	CUTTING CORD WOOD	1	0021	AT WORK	1
0017	DRAWS LUMBER	3	0023	ATTENDING LIVERY STABLE	1
0018	DRIVES LUMBER TEAM	1	0025	BILL POSTER	5
0019	HALLS LOGS TO MILL	1	0026	BOARDING LABORER	1
0020	HAULING LOGS	1	0027	BOILER WASHER	1
0021	HAULING LUMBER MILL	1	0028	BOX MAKER LAB	1
0022	HAULING SAW LOGS	2	0029	BOY IN SHOP	1
0023	IN CAMP	3	0030	BOY IN STORE	2
0024	KEEP WOOD YARD	1	0031	BRICK BARRIE	1
0025	LAB IN WOODS	5	0032	BRICK LAB	1
0026	LAGER	1	0033	BRICK YARD	8
0027	LOG CHOPPER	2	0034	BRICK YARD HAND	3
0028	LOG DRIVER	4	0035	BRICKLAYER HELPER	1
0029	LOG HAULING	1	0036	BRICKMASON'S LABORER	1
0030	LOG JOBBER	1	0037	BRICKYARD LABORER	3
0031	LOG. HAULER	1	0038	BUGGY WASHER	2
0032	LOGGER	7	0039	BUILDING R ROAD	1
0033	LOGGING	4	0040	BUTCHER HELP	2
0034	LUMBER	7	0041	BY DAYS WORKS	1
0035	LUMBER CAMP	1	0043	CANAL LAB	1
0036	LUMBER HEAVER	1	0044	CAR CLEANER	1

0045	CAR CLEANER RR	1	0138	HIRE FOR WAGIS	1
0046	CARE HORSES	1	0139	HIRE MAN	3
0047	CARE STABLES	1	0140	HIRELINGS	2
0048	CARPENTER H	2	0142	HOD CARRIER	17
0049	CARPET CLEANING	1	0143	HORSE MAN	2
0050	CARRAIGE WASHER	1	0144	HORSELER	168
0051	CHIPS ?? TURP ORCHARD	1	0146	HOSTLER LIVERY STABLE	1
0053	CHORES @ COPPER SMELT WKS	1	0147	HOTEL LAB	1
0054	CITY LAMP LIGHTER	1	0148	HOUSE MOVER	4
0055	COAL PLUMBER YARD	1	0149	ICE LAB	1
0056	COAL HEAVER IN GAS HOUSE	1	0150	ICE MAN	8
0057	COAL LAB	2	0151	IN BRICK YARD	4
0058	COAL YARD	6	0152	IN COAL YARDS	1
0059	COAL YARD HAND	1	0153	IN FATHER BRICK YD.	2
0060	COKER	1	0154	IN GROCERY STORE	3
0061	COLEMAN & CO GANG RAIL	3	0155	IN LIVERY STABLE	3
0062	COLLECT GREASE	4	0156	IN LIVERY STORE	1
0063	COLOR MINES IN PAINT STOR	1	0157	IN STABLE	2
0064	COMMON LAB	125	0158	IN TOY STORE	3
0065	COMMON WORK	1	0159	IRON FOUNDARY LAB	1
0066	CONSTRUCTING NEW RAILROAD	1	0160	IRON LAB	5
0067	CONTRACT HAND	2	0162	JOB WORK	1
0068	CUTTING TIES	1	0163	JOB WORKER	1
0069	DAY HAND	2	0165	KALSOMINING	1
0070	DAY LAB	502	0166	KEEPING BOXES	1
0071	DAY LAB & FARMER	1	0167	KEEPING HOUSE LAB	1
0072	DAY LABORER & SCHOOL TEACHER	1	0168	KILN LAB	1
0073	DAY LABORER ON R R	1	0169	LAB	17115
0074	DAY WORK	3	0170	LAB & CLERK IN STORE	1
0075	DAY WORKMAN AT PAW SHOP	1	0171	LAB & PREACHER	1
0076	DAYMAN	1	0173	LAB ? POOR	1
0077	DAYS WORK	7	0174	LAB ? WAGON	1
0078	DEPOT HAND	1	0175	LAB ?AVETA???	1
0080	DIGS WELLS	1	0176	LAB AT ALL WORK	1
0081	DITCH WORK	1	0177	LAB AT BRICK YD	2
0082	DITCHER	15	0178	LAB AT FIRE BRICK	1
0083	DOES SOME WORK	1	0179	LAB AT GAS WORKS	1
0084	DOG LAB	1	0181	LAB AT MILL	4
0085	DRESS TRIMMINGS LAB	1	0182	LAB AT R R.	3
0086	DRY LAB	1	0183	LAB AT S MILL	5
0087	EMPLOYD IN STORE	2	0184	LAB AT TANNERY	1
0088	EMPLOYEE IN MILLING STORE	1	0185	LAB BRICK YARD	1
0089	ENGINE WIPER	3	0186	LAB C PRESS	1
0090	ERRANDS IN SHIRT FACTORY	1	0187	LAB COAL YARD	1
0091	EXPRESS LAB	1	0188	LAB COTTON SEED OIL MILL	1
0092	FABRIC LABORER	1	0189	LAB F.R.R.	1
0093	FAG PICKER	1	0191	LAB FOR R R'D	3
0094	FEEDING R R SPIKE MACHINE	1	0192	LAB IN ? BREAK	1
0095	FOR HIRE	1	0193	LAB IN ?FOUNDRY	1
0096	FRAIGHTER	3	0194	LAB IN BRICKYARD	1
0097	FREGHTING GOODS	1	0196	LAB IN MACHINE WKS	1
0098	FREIGHT HAND RR	1	0197	LAB IN MALT HOUSE	1
0099	FREIGHTING	3	0198	LAB IN ROLLING MILL	4
0100	FREIGHTING STONE	1	0199	LAB IN SAW MILL	11
0101	FRIEGHTES	1	0200	LAB IN SHIP YA	1
0102	FURNACE LAB	4	0201	LAB IN SHOPS	1
0103	GAP FILLER	1	0202	LAB IN STEEL ROLLING MILL	1
0104	GEN. HELP	2	0203	LAB IN TAN	1
0105	GENERAL WORK	14	0204	LAB IN WIREMILL	1
0106	GENL LAB	20	0205	LAB IRON	1
0108	GOES OUT	1	0206	LAB IRON WKS	2
0109	GOES OUT WORKING	1	0207	LAB KH	1
0110	GRADING R.R.	1	0208	LAB LOCALLY	1
0111	GRAVE DIGER	3	0209	LAB MAN	1
0112	GROCERS APPRENTICE	1	0210	LAB MASTER	1
0113	GROCERY BOY	1	0211	LAB MILL HAND	10
0114	GROCERY STORE HAND	1	0212	LAB ON BRICK YD	2
0115	GROOM	9	0213	LAB ON IRON	1
0116	GROOMSMAN	7	0214	LAB ON RR	66
0117	GUANO	1	0215	LAB ON RR GRADE	7
0118	HAND AT R R	1	0216	LAB OVER STARCH WORKS	1
0119	HAND IN B-S SHOP	1	0217	LAB PKG HOUSE	3
0120	HAND IN LIVERY STABLE	1	0218	LAB RR	4
0121	HAND IN TILE YARD	2	0220	LAB STEAM MILL	2
0122	HAND SMITH SHOP	1	0221	LAB WORK IN WOLF & CO BREWERY	1
0123	HELP	28	0222	LAB. AT STEEL WKS	1
0124	HELP IN SHOP	1	0223	LAB. BRIDGE WKS	1
0125	HELP IN STORE	1	0224	LABOR	90
0126	HELP OF KINDS	1	0225	LABOR AT HOME	1
0127	HELPER	21	0226	LABOR COTTON PRESS	1
0128	HELPER IN ICE WAGON	1	0227	LABOR IN BRICKYARD	1
0129	HELPER ON WAGON	1	0228	LABOR IN COTTON MILLS	1
0130	HELPER R M	1	0229	LABOR IN GAS WORKS	1
0131	HELPING A BLACKSMITH	1	0230	LABOR IRON WORKS	1
0132	HELPING IN HANDS	1	0231	LABORED	1
0133	HELPING IN STORE	1	0232	LABORER & STOCK RAISING	1
0134	HELPS IN A SALOON	1	0233	LABORER (F)	1
0135	HELPS IN B. SHOP	1	0234	LABORER AT BLACKSMITH	1
0137	HIRE BOY	1	0235	LABORER BOARDER	1

0236	LABORER CARPENTER	1	0332	R R TRACKMAN	1
0237	LABORER CASTLE GARD??	1	0333	R ROAD TIE CUTTER	1
0238	LABORER FOR R R	1	0334	R'WAY TRACTMAN	4
0239	LABORER GOV.T P. OFF	1	0335	R. R. YARD MAN	1
0240	LABORER I MILL	4	0336	R.R. LAB	1
0241	LABORER IN BAG FACTORY	3	0337	R.R. LINEMAN	2
0242	LABORER IN CARSHOP	1	0338	R.R. SECTION HAND	262
0243	LABORER IN COTTON MILLS	2	0339	R.R. TRACK HAND	1
0244	LABORER IN HOTEL	1	0340	R.R. TRACK LAB	28
0245	LABORER IN IRON FOUNDRY	1	0341	R.R. TRACK-MAN.	2
0246	LABORER IN PACIFIC BAG FA	5	0342	RAG GATHER	2
0247	LABORER IN PORK HOUSE	1	0343	RAIL RY TRACKMAN	1
0248	LABORER IN R R SHOP	1	0344	RAIL STRAITNER	4
0249	LABORER IN SEWER	1	0345	RAILWAY LABORER	1
0250	LABORER IN TREAS	1	0346	RIVER LAB	1
0251	LABORER IRON MILL	4	0347	RR HAND	1
0252	LABORER KEEPING HOUSE	1	0348	RR TRACK HAND	1
0253	LABORER PUBLIC	1	0349	RR TRACK LAB	105
0254	LABORER R M	1	0350	RR WORKMAN	7
0255	LABORER WORK AT GRADING RAILROAD	1	0351	RR YARD	5
0256	LABORER. IN GAS HOUSE	1	0352	S???KER FOR ENGINEER	1
0258	LABORING AT HOME	1	0353	SALT BOGS	1
0259	LABORING {LAB}	2	0354	SALT YARD LAB	1
0260	LABORING & KH	1	0355	SAW MILL LABORE	1
0261	LABORING HAND	1	0356	SCAVANGER	1
0262	LABORING MEN	1	0357	SEC HAND ON SEC 24	3
0263	LABORING ON R R	3	0358	SECTION HAND	2
0264	LABORING ON RAIL ROAD	1	0359	SECTION HAND C.R.R.	2
0266	LABORING WORK	1	0360	SECTION HAND IN COTTON MILL	6
0267	LABORMAN	1	0361	SECTION HAND O&M RR	1
0268	LABORS	11	0362	SECTION LAB	1
0269	LABORS (GENERAL)	1	0363	SHINGLE HAND	1
0270	LABORS IN GAS WORKS	1	0364	SHOP BOY	1
0271	LABORS ON PAP PLACE	1	0365	SHOVELE	2
0272	LABORS ON R R	1	0366	ST B LABOR	1
0273	LABORS SAW MILL	1	0367	STABLE BOY	2
0274	LABOUR AT R R S.	1	0368	STABLE HAND	2
0275	LABOURING	46	0369	STABLEMAN	3
0276	LABOURING HAND	3	0370	STAGE HOSTLER	5
0277	LAMP LIGHTER	5	0371	STOCK BOY	21
0279	LIBRARY BOY	1	0373	STOCK KEEPER CLOTHG MAN	1
0281	LIVERMAN	1	0374	STOCK KEEPER CLTHG	1
0282	LIVERY	9	0375	STOCK MAN	1
0283	LIVERY & FEED STABLE	1	0376	STOCK R'R & FARMER	1
0284	LIVERY ?PROFUELOS	1	0377	STOCKES IN SHOP	2
0285	LIVERY BOY	1	0379	STORAGE	1
0286	LIVERY W!!!	1	0381	STORE BOY	1
0287	LIVERYMAN	23	0382	STORE HELPER	3
0288	LOADS COAL AT RR	1	0383	STREET CLEANER	3
0289	LOADS LUMBER ON CARS	2	0384	STREET GRADER	1
0290	LODGER LABORER	1	0385	STREET LABORER	1
0291	LODING PIG IRON	1	0386	STREET PAVER	1
0292	LUHOUSE	1	0387	STREET SPRINKLER	2
0293	LUMBER YARD	2	0388	STREET WORK	6
0294	LUMBER YARD HAND	1	0389	STRIKER FOR BLACKSMITH	2
0295	LUMBER YARDS	1	0390	STRIKER IN SHOP	2
0296	MALT HOUSE	1	0391	STRIKING IN B SHOP	1
0297	MAN OF ALL WORK	1	0392	SWAMP HAND	1
0298	MARBLE YARD	5	0393	SWAMPER	1
0299	MASON LABOURER	1	0394	T HAND	1
0300	MEAT CARRIER	1	0395	TELEGRAPH HAND	5
0301	MILL BOY	1	0397	TENDS MASON	1
0302	MILL LAB	5	0398	TENDS ON BRICK MASON	1
0303	MOVING	3	0399	TETHER	1
0304	NO SPECIAL OCCUPATION	1	0400	TIE GETTER	1
0305	ODD JOBS	1	0401	TILE LAB	1
0306	ON BRICK JARD	2	0402	TOB.O W H LAB	1
0307	ON CONSTRUCTION	1	0403	TOBO FACTORY HD	1
0308	ORDINARY LAB	2	0405	TOWN LABORER	1
0311	OUTDOOR LABORER	2	0406	TRACK LAB	1
0312	OUTSIDE LAB	3	0407	TRACK LAYER	1
0313	PAINTER SERV	1	0408	TRACKMAN	3
0314	PAPER STORE, WORKS IN	1	0409	TRACKMAN R R	1
0315	PARK LAB	1	0410	TRAIN BOY	1
0316	PHOSPHATE HAND	2	0411	TRAIN HAND R R	2
0317	PHOSPHATE LABORER	1	0412	TRAIN LAB	2
0318	PIE DRIVER	1	0413	TRAN?S FOR GROCER	1
0319	PIKE LABORER	5	0414	TRANSFER FREIGHT	1
0321	PUMPING WATER	2	0415	TRUCK MAN	1
0322	PUTS UP PATENT MEDICINES	2	0416	TRUCKER	1
0323	PUTTING UP POWDERS	1	0417	TRUCKSTER	29
0324	R R COALER	1	0418	W.L. GANGER	8
0325	R R PUMPER	1	0419	W.S IN JUNK SHOP	1
0326	R R REPAIR HAND	1	0420	WAREHOUSE HAND	1
0327	R R SECTION HAND	1	0421	WAREHOUSEMAN	1
0328	R R SECTION MAN	2	0422	WATER CARRIER	1
0329	R R SECTON	1	0423	WATER MAN	3
0330	R R TRACK LAYER	8	0424	WEEK LAB	1
0331	R R TRACK REPAIRMAN	2	0425	WELL BORER	1

0426	WELL DIGGER	1	0526	WORKS BOOK STORE	1
0427	WHITE WASHER	3	0528	WORKS BY DAY	2
0428	WHITE WASHING	20	0529	WORKS BY DAY AROUND	2
0429	WHITEWASHES	22	0530	WORKS BY DAYS WORK	7
0430	WHITEWASHES ? FC	4	0531	WORKS BY MONTH	2
0431	WIRK PER MONTH	1	0532	WORKS DRY GOODS	1
0432	WITH BRICKMAN	1	0533	WORKS FEED STABLE	3
0434	WKS IN FATHERS SHOP	1	0534	WORKS FLOUR STORE	1
0435	WKS IN PAPER STORE	1	0535	WORKS FOR BAKER	1
0436	WKS IN R R YARD	1	0536	WORKS FOR BOARD & CLOTHES	3
0437	WKS IN STEAR STABLE	3	0537	WORKS FOR BRICK MASON	1
0438	WKS IN TAN YARD	4	0538	WORKS FOR BUTCHER	1
0439	WKS IN WIRE STORE	1	0539	WORKS FOR HIS BOARD	1
0440	WKS LUMBER YD	4	0540	WORKS FOR ICE DEALER	1
0441	WKS PILE DRIVER	1	0541	WORKS FOR IRON MOULDER	1
0442	WO. MOVEING BUILDINGS	1	0542	WORKS FOR JEWELLER	1
0443	WOKRS ON BRICK Y.D	1	0543	WORKS FOR LITHOGRAPHER	2
0444	WOOD CARRIER	1	0544	WORKS FOR MASON	1
0445	WOOD WORKER YARD	4	0545	WORKS FOR MILKMAN	1
0446	WOOD YARD	1	0546	WORKS FOR MILLER	2
0447	WOOD YARD MAN	1	0547	WORKS FOR PAINTER	2
0448	WOODPASSER ON RR	2	0548	WORKS FOR PEDLAR	1
0449	WOORK IN FURNITURE STORE	2	0549	WORKS FOR PLUMBER	1
0450	WORK ABOUT	2	0550	WORKS FOR STATIONER	1
0451	WORK ANY WHER	1	0551	WORKS FOR STREET SWP CO	1
0452	WORK AT BRICK Y	2	0552	WORKS FOR TIN ROOFER	1
0454	WORK AT STORE	5	0553	WORKS FOR U.S.YARD CO	1
0455	WORK AT WOOD YARD	1	0554	WORKS FOR WAGES	2
0456	WORK BRICK YARD	1	0555	WORKS FROM HOME	1
0457	WORK BY DAY	1	0556	WORKS IN - STORE	9
0458	WORK BY THE JOB	4	0558	WORKS IN ? LUMBER YD	2
0459	WORK BY THE MONTH	1	0559	WORKS IN ? MARKET	1
0462	WORK FOR CLOTHING ? STORE	3	0561	WORKS IN AND OUT	1
0464	WORK FOR WAGES	1	0562	WORKS IN BARRACKS	1
0465	WORK HAND	1	0564	WORKS IN BOOK STORE	1
0466	WORK IN COAL YARD	1	0565	WORKS IN BRICK YARD	1
0467	WORK IN DRUG STORE	5	0566	WORKS IN BRICK YDS	4
0468	WORK IN DRY GOOD HOUSE	2	0567	WORKS IN CANDYSTORE,	103
0469	WORK IN ELEVATOR RR	1	0568	WORKS IN CARPET STORE	1
0470	WORK IN GROCERY	2	0569	WORKS IN CIGAR STORE	1
0471	WORK IN HARDWARE STORE	1	0570	WORKS IN CLOTHING STORE	2
0472	WORK IN LIME YARD	1	0571	WORKS IN COAL HOUSE	1
0473	WORK IN LIQUOR ST.	1	0572	WORKS IN COAL YARD	3
0474	WORK IN LIVERY	1	0573	WORKS IN COFFEE STORE	1
0475	WORK IN LUMBER YARD	4	0574	WORKS IN COM STORE	7
0476	WORK IN NATION STORE	4	0575	WORKS IN COTTON YARD	1
0477	WORK IN RAG STORE	4	0576	WORKS IN CROCK STORE	2
0478	WORK IN STABLE	2	0577	WORKS IN CROCKEY STORE	1
0479	WORK IN TOBACCO STORE	1	0578	WORKS IN CUSTOM WARE HOUSE	1
0480	WORK ON R R DOCK	1	0579	WORKS IN DEPOT	1
0481	WORK ON SECTION	1	0580	WORKS IN DRUG STORE	1
0482	WORK ON STREET	1	0581	WORKS IN DRY GOODS	1
0483	WORK OUT	1	0582	WORKS IN DRY GOODS STORE	5
0484	WORK OUT HOME	5	0583	WORKS IN ELEVATOR	1
0485	WORK R R DEPOT	6	0584	WORKS IN ERIE FREIGHT HOUSE	17
0487	WORK'S IN DRUG STORE	1	0585	WORKS IN FANCY STORE	6
0488	WORKER	1	0586	WORKS IN FLOUR & FEED	1
0489	WORKING	1	0587	WORKS IN FLOUR MILL LABOR	1
0491	WORKING BY DAY	3	0588	WORKS IN FREIGHTHOUSE	1
0492	WORKING FOR WAGES	1	0589	WORKS IN FUR STORE	1
0493	WORKING IN BRICKYD	1	0590	WORKS IN FURNITURE STORE	5
0495	WORKING IN IRON STORE	11	0591	WORKS IN GRAIN ELEVATOR	2
0496	WORKING IN STABLE	1	0592	WORKS IN GRAIN STORE	2
0497	WORKING IN WOODS	1	0593	WORKS IN GRAIN WAREH	1
0498	WORKING LOCALLY	1	0594	WORKS IN GROCERY	2
0499	WORKING MAN	2	0595	WORKS IN GROCERY STORE	1
0500	WORKING ON BRICK YARD	1	0596	WORKS IN HARDWARE STORE	13
0501	WORKING OUT	2	0597	WORKS IN HAY MILL	16
0502	WORKING ROUND	1	0598	WORKS IN JEWELRY STORE	2
0503	WORKMAN	10	0599	WORKS IN LAB	1
0504	WORKOUT	1	0600	WORKS IN LEATHER STORE	4
0505	WORKS A MILLINERY STORE	2	0601	WORKS IN LIVERY STABLE	1
0507	WORKS ANY WHERE HE CAN GET IT	1	0602	WORKS IN LUMBER YD	1
0508	WORKS AROUND	5	0603	WORKS IN M LIVERY S	41
0510	WORKS AT BRICK YD	2	0604	WORKS IN MARBLE WORKS	41
0511	WORKS AT COAL YD	1	0605	WORKS IN MARBLE Y	1
0512	WORKS AT DEPOT	5	0606	WORKS IN MARKET	1
0513	WORKS AT FEE	1	0607	WORKS IN MEAT MARKET	2
0514	WORKS AT FEED STORE	1	0608	WORKS IN MERCHANT	2
0515	WORKS AT GOVERNMENT STORE	2	0609	WORKS IN MILK STORE	9
0516	WORKS AT INTERVALS	1	0610	WORKS IN MILLINERY STORE	1
0517	WORKS AT JOBS	1	0611	WORKS IN MUSIC STORE	1
0518	WORKS AT LAB	1	0612	WORKS IN NOTION STORE	1
0519	WORKS AT LUMBER YARD	1	0613	WORKS IN PROVISION STORE	1
0520	WORKS AT R R WAREHOUSE	1	0614	WORKS IN R R TIES	2
0522	WORKS AT STATION	1	0615	WORKS IN RETAIL GROCERY	1
0523	WORKS AT STORE	1	0616	WORKS IN RUBBER STORE	1
0524	WORKS AT THE ? ARMORY	1	0617	WORKS IN SALT YD	1
0525	WORKS AWAY	1	0618	WORKS IN SHIRT STORE	1

0619	WORKS IN SHOE STORE	1	0039	PONGRMESS	1
0620	WORKS IN STABLE	1	0040	?TAINER	1
0621	WORKS IN STABLES	15	0041	?USER ?KEPS ?FORM	1
0622	WORKS IN STONE YARD	14	0042	?WESTING	1
0623	WORKS IN STORE	1	0043	AN OCCUPATION	1
0624	WORKS IN STORE W.	1	0044	ASSISTANT	1
0625	WORKS IN STOVE STORE	72	0045	AT POLAGRAPH ROOM	1
0626	WORKS IN SUGAR STRE	1	0046	AT WORK IN DIST	1
0627	WORKS IN SWAMP	1	0048	B??DERS M ?	1
0628	WORKS IN TEA STORE	1	0049	CHASER	2
0629	WORKS IN TOBACO STORE	1	0050	CHIEF	1
0630	WORKS IN TRUNK STORE	2	0051	CONS REV	1
0631	WORKS IN VARIETY STORE	1	0052	CRACKER ?COMINS.N	1
0632	WORKS IN WAREHOUSE	2	0054	D D	4
0633	WORKS IN WATCH STORE	1	0055	D D L ? L	1
0634	WORKS IN WHOL STORE	3	0057	DO !	1
0635	WORKS IN WHOLESALE DRY GOODS STORE	1	0059	EMPLOYED	1
0636	WORKS IN WOOD & COAL YARD	2	0060	EMPLOYEE	1
0637	WORKS IN WOOD YARD	1	0061	EMPLOYEES	1
0638	WORKS INCLOTHING STORE	1	0062	ERSV	1
0639	WORKS ON BOAT YARD	3	0063	FA??SLIE	1
0640	WORKS ON BRICK YARD	1	0064	FIRE ? HGT	2
0641	WORKS ON GRAVEL TRAIN	1	0065	HASSLER	1
0642	WORKS ON ICE	17	0066	HOUSES	1
0643	WORKS ON LUMBER YARD	2	0067	J P WASHOE CO	1
0644	WORKS ON PE MONTH	5	0069	KESTER	1
0645	WORKS ON PLACE	4	0070	KICK RAISER	1
0647	WORKS ON R.R. TRACK	1	0072	L???????	1
0648	WORKS ON RR TRACK	2	0073	LIGHTNING ?VSOTOUR	1
0649	WORKS ON STREETS	3	0074	LINK MAN	1
0650	WORKS ON THE RR GRADE	16	0076	MAN OF IULK	1
0651	WORKS ON TILE YARD	3	0077	MARQUETERIE	1
0652	WORKS OUT	1	0078	MATINEE	1
0653	WORKS OUT BY DAY	1	0079	MDN	1
0654	WORKS OUT BY THE WEEK	54	0080	MELUN???	1
0655	WORKS PICTURE STORE	2	0081	MISLER	1
0657	WORKS RAG YARD	1	0082	MU?LCHER	1
0658	WORKS ROUND	1	0084	NIHIL	2
0659	WORKS STOCK YDS	1	0086	ON LEVEE	1
0661	WORKS WITH BLACKSMITH	1	0087	ORMENTER	1
0662	WORKS WITH CARPENTER	1	0089	P??NCHER	1
0663	WORKS WITH FATHE	1	0090	P??RT?N	1
0664	WORKS WITH MASON	1	0092	PARTED	1
0665	YARDMAN	3	0094	PRESORVOR OF NAT'L FLOW.	1
0666	YARDMAN NY RR	2	0095	PRO OF DAILY ?DEMORNT	1
0667	YARDMAN ON R.R.	2	0096	PRODUCER	1
0668	PUBLICCK WORK	1	0099	RUEING STARES	1
0669	PUBLIC WORKS	1	0101	SEAT.	1
OTHER, EMPLOYED			0102	SH????? ?TRE?	1
975 Employed, occupation unspecified			0103	SHOE DEPT PERM	1
0001	(CONONER)	1	0104	SINGE?????	1
0002	? ANCUA!NCE	1	0105	SPM	1
0003	? BELLEN ROOMS	1	0106	STATIONARY ?PROTELE	1
0004	? CAILEST	1	0108	SUPEINTENDENT TOMBSTONE N OF WALES	1
0005	? CANIET	1	0109	TEA ? ??	1
0006	? CHASER	1	0110	TER?AH	1
0007	? COAL OF ??ATON	1	0111	TINCE KEEPER	1
0008	? COMP	1	0113	TUBELIST	1
0009	? CONFEE	1	0115	V D M	1
0010	? DRER	1	0116	W. OCCUPATION	6
0011	? DRIVE ST??	1	0117	WA?????????	1
0012	? FINKMAN	1	0118	WHITE LAND & OIL	1
0013	? JOSS MAN	1	0119	WHITE SHIPS	1
0014	? LMAN	1	0120	WITH LINDEKE WARNES & CO	2
0015	? MACEMIC NIR??S	1	0121	WITH OCCUPATION	13
0016	? MACK CAR.	1	0122	WORK AT ???YS	1
0017	? MAN OF ??????	1	0123	WORK IN ?ARHERY	1
0018	? MAURIER	2	0124	WORK IN WE???G AT ???PH?T??	1
0019	? N	1	0125	WORKING FROM HOME	1
0020	? NYNP DU PAVE	1	0126	WORKING ON ?	1
0021	? PATCHING	1	0127	WORKS	1
0022	? POINTER	1	0128	WORKS AT ? FCE	2
0023	? STATUNS W/ BUS	1	0129	WORKS AT ??????	1
0024	???? STABLE	1	0130	WORKS AT FLUGGS	1
0025	????? WITH ??????	1	0131	WORKS AT O P	1
0026	????ING	1	0132	WORKS IN	1
0027	???NTING	1	0133	WORKS IN PLA??	1
0028	?AIST?R	1	0134	WORKS IN TOWN	1
0029	?CLASSIFIED ?HEDER	1	0135	WORKS ON CORPORATION	1
0030	?CORMAN	1	0136	WORKS ON MTE???Y	1
0031	?COUNTER FRAMES	1	0137	WORKS ON RAZOR ? STEEPS	1
0032	?COVDIVERISION	1	0138	WORKS UPPER EAST	1
0033	?DURJMAN	1	NON-OCCUPATIONAL RESPONSES		
0034	?ERZCIPCLUAS DR	1	981 Keeping house, logical change		
0036	?JERODER	1	9001	AS HOUSE KEEPER	2
0037	?MERTAR	1	9002	ASS TO KEEP	1
0038	?NON COMPOS	1	9003	ASSIST HOUSE KEEPING	7

9004	ASSIST IN HOME	1	0068	K	5
9005	ASSIST IN HOUSE KEEPING	3	0069	KEEP	5
9006	ASSIST IN THE HOUSE	1	0070	KEEP HOME	1
9008	ASSISTANT IN HOUSE KEEPING	1	0071	KEEP HOUSE	908
9009	ASSISTG HS KPR	2	0072	KEEP HOUSE WORK	1
9010	ASSISTING HOUKEEPING	3	0073	KEEP WIGWAM	1
9011	ASSISTING IN HOUSE KEEPING	2	0074	KEEPER HOUSE	18
9012	ASSISTS AT HOUSEKEEPER	1	0075	KEEPER IN A HOUSE	1
9013	ASSISTS IN HOUSE KEEPING	3	0076	KEEPER OF HOUSE	18
9014	ASSISTS IN HOUSE WORK	3	0077	KEEPING	238
9015	ASST HOUSEKEEPER	55	0078	KEEPING HOME	25
9016	AST HOUSE KEEPS	1	0079	KEEPING HOUS AT HOME	1
9017	H KEEPING HOUSE	2	0080	KEEPING HOUSE	39265
9018	HOUSE KEEPER	4078	0081	KEEPING HOUSE (MOVING)	1
9021	HOUSE KEEPING	3433	0082	KEEPING HOUSE AT HOME	1
9022	HOUSEKEEPS	11	0083	KEEPING HOUSE LIVING ON INTEREST OF	1
9023	HOUSEKEEP	72	0084	KEEPING HOUSE PAUPER	1
9024	HOUSEKEEPER & COOK	1	0085	KEEPING HOUSE WITH SON IN LAW	1
9025	KH FOR REUBEN HOFHINES	1	0086	KEEPING HOUSE WORKS ON	1
9026	WORK AT HOU KEEPING	2	0087	KEEPING KEEPING	2
9027	WORKS HOUSEKEEP	1	0088	KEEPING TENT	2
982	Keeping house		0089	KEEPR HOUSE	1
0001	? HELPS AT HOME	3	0090	KEEPS	6
0002	AIDS KH	1	0091	KEEPS HOME	6
0003	AS AT HOME	8	0092	KEEPS HOUSE	3600
0004	ASSISANT ON HOU	1	0093	KEEPS HOUSE WASHES+CLEANS?PAINT ETC	1
0005	ASSIST HOUSE WORK	2	0094	KEEPS IN HS	1
0006	ASSIST IN HOUSE	35	0095	KEEPS K HOUSE	1
0007	ASSISTING AT HOUSE KEEP	1	0096	KEEPS W HOUSE	1
0008	ASSISTING W KEEP HOUSE	1	0097	KELPING KH	1
0009	ASSISTS ABOUT HOUSE	1	0098	KEPT HOUSE	3
0010	ASSISTS AT	1	0099	KH	36688
0011	ASSISTS AT HOME	23	0100	KH (ASSISTANT)	1
0012	ASSISTS IN KEEP HOUSE	2	0101	KH ALONE	1
0013	ASSISTS WITH HOUSE WORK	1	0102	KH AT HOME	1
0014	ASSIT	1	0103	KH ETC	1
0015	ASST KEEPING HOUSE	73	0104	KH FOR	1
0016	ASST. HOME	2	0105	KH HOME	1
0017	AT HOME H.K	1	0106	KH WORKS	1
0018	AT HOME KH	1	0107	KHG	1
0019	AT HOU	5	0108	KIPPING	1
0020	AT WORK AT HOME	2	0109	KK	2
0021	ATTENDING HOUSE	1	0110	KOUSE HOUSE	1
0022	DOES HOUSE WORK	78	0111	KP HOUSE	7
0023	DOING HOUSE WORK	85	0112	KY	1
0024	DOWER IN FARM	1	0113	L AT HOME	6
0025	GENERAL HOUSE WORKER	1	0114	LABORS AT HOME	4
0026	GENERAL HOUSEWORK	25	0115	LADY HOUSE	1
0027	H	9	0116	N	1
0028	HAS BIN KEEPIN HOIS	1	0117	NURSE KEEPING HOUSE NOW	1
0029	HE	1	0118	OWN HOUSEKEEPER	1
0030	HELP AT HOME	11	0119	WIFE KEEPING HOUSE	1
0031	HELP DO HOUSE WORK	1	0120	WIFE KH	1
0032	HELP IN HOUSE	19	0121	WORK ? ? HOME	1
0033	HELP TO MOTHER	1	0122	WORK ABOUT HOME	1
0034	HELPEMATE	1	0123	WORK AT HOME	36
0035	HELPER IN HOUSE	3	0124	WORK HOME	1
0036	HELPIN HOUSE	1	0125	WORK IN HOME	3
0037	HELPING AT HOME	20	0126	WORK IN HOUSE	38
0038	HELPING AT HOU	2	0127	WORK KH	1
0039	HELPING IN HOUSE	10	0129	WORK ON HOUSE	3
0040	HELPING KEEP HOME	1	0130	WORKING AT HOME	25
0041	HELPS ABOUT HOUSE	3	0131	WORKING HOME	4
0042	HELPS AT HOME	23	0132	WORKING HOUSE	1
0043	HELPS AT HOUSEWK	3	0133	WORKING IN HOUSE	8
0044	HELPS AT THE HOUSE WORK	1	0134	WORKS ABOUT HOME	1
0045	HELPS DO HOUSE WK	2	0135	WORKS AT HOME	188
0046	HELPS HOME	1	0136	WORKS AT HOUSE	3
0047	HELPS HOUSE	1	0137	WORKS AT HOUSEWORK	10
0048	HELPS IN HOUSE	54	0138	WORKS AT KH	2
0049	HELPS KEEP HOUSE	67	0139	WORKS HOME	1
0050	HELPS KEEP HOUSE AT HOME	1	0140	WORKS HOUSE	3
0051	HELPS W HOUSE	3	0141	WORKS IN HOME	5
0052	HER HOUSEWORK	3	0142	WORKS IN HOUSE	161
0053	HOME DUTIES	1	0143	WORKS ON HOME	1
0054	HOME KEEPER	3	0144	WORKS ON THE HOUSE	1
0055	HOME KEEPING	1	0145	WORKS TO HOME	1
0056	HOME LABOR	1	983	At home	
0057	HOME WORK	4	0001	AID FATHER	1
0058	HOMEMAKER	1	0002	AID MOTHER	8
0059	HOUS	2	0003	ALL AT HOME	1
0060	HOUSE C??ES	1	0004	ASSISTING FAMILY	2
0061	HOUSE MARK	1	0005	ASSISTING HIS FATHER	7
0062	HOUSE WORK	763	0006	ASSISTING HOUSE	1
0063	HOUSE WORKS	5	0007	ASSISTING MOTHER	32
0064	HOUSEHOLD	3	0008	ASSISTS PARENTS	2
0065	HOUSEWIFE	109	0009	ASSITTING DAU IN LAW	1
0066	HOUSEWORKING	1	0010	ASST AT HOME	1
0067	IN HOUSE	9	0011	AT	17

0012	AT HME WITH DAU	1	0049	GOING TO SCHOOL	386
0013	AT HOME	40820	0050	HOME AT SCHOOL	4
0014	AT HOME (TEMPORARY)	1	0051	IN COLBY UNIVERSITY	1
0015	AT HOME AS?	1	0052	IN COLLEGE	1
0016	AT HOME FARM	2	0053	IN REFORM SCHOOL	2
0017	AT HOME HERE	3	0054	IN REFORMATORY CLASS	1
0018	AT HOME NONE	1	0055	IN SCHOOL	230
0019	AT HOME SUP MOTHER	1	0056	IN SCHOOL OR DOMESTICS	1
0020	AT HOME TO WORK	3	0057	IN THE SCHOOL	2
0021	AT HOME VISITING	1	0058	KEEPING SCHOOL	5
0022	AT HOME WITH SON	2	0059	KEEPS HOUSE AND MEDICAL STUDENT	1
0023	AT HOME, OWNS 2 ACRES	1	0060	KEEPS HOUSE, ATTENDS SCHOOL	1
0024	AT HOME--NO OCCU	2	0061	KH SCHOOL	1
0025	AT HOMEASON	1	0062	KINDERGARTNER	2
0026	AT HOUSE	44	0063	LAW STUDENT	44
0027	HELPING	2	0064	MEDICAL STUDENT	42
0028	HELPING FATHER	4	0065	MOR SCHOOL	3
0029	HELPING SISTER	1	0066	MUSIC STUDENT	1
0030	HELPS	14	0067	NIGHT SCHOOL	1
0031	HELPS DAUGHTER	1	0068	NO OCCUPATION AT SCHOOL	1
0032	HELPS IN THE FAMILY	1	0069	NORMAL STUDENT	3
0033	HELPS MOTHER	39	0070	ORPHAN SCHOOL	1
0034	HER HOME	2	0071	OUT OF SCHOOL	9
0035	HOME	490	0072	PREPARING FOR SCHOOL	1
0036	HOME & SCHOOL	4	0073	PRIVATE SCHOOL	1
0037	HOME HERE	1	0074	PUBLIC SCHOOL	1
0038	HOUSE	13	0075	PUPIL	64
0039	IN THE HOUSE	2	0076	PUPIL DEAF + DUMB INS.	1
0040	LIVE AT HOME	5	0077	PUPIL IN INSTITUTE	1
0041	LIVE? HOM	1	0078	PUPIL ST MARYS	1
0042	LIVES AT HOME	67	0079	PUPILS OF THE INSTITUTION	1
0043	LIVING IN HOUSE	2	0080	RAT SCHOOL	1
0044	NO OCC AT HOME	10	0081	READ. MEDACINE	1
0045	OCCUPATION AT ? HOME	1	0082	REFORM SCHOOL	1
0046	PRESENT AT THE HOUSE	2	0083	SCHOLAR IN F.S.	160
0047	RESIDES AT HOME	1	0084	SCHOOL	1
0048	STAYING HOME	2	0085	SCHOOL AT COLLEGE	1026
0049	STAYS AT HOME	29	0086	SCHOOL ATT	1
0050	STAYS TO HOME	1	0087	SCHOOL BOY	3
0051	TO HOME	3	0088	SCHOOL GIRL	47
0052	WORKS IN THE FAMILY	1	0089	SCHOOL HOME	39
0053	WORKS WITH FAMILY	1	0090	SCHOOL N HOME	6
984	Student		0091	SCHOOL PRIVATE	1
0002	? SELECT SCH.L	1	0092	SCHOOLING	3
0003	?LERNER	1	0093	SELECT SCHOOL	5
0004	A SCHOOL	15	0094	SON AT SCHOOL	1
0005	A STUDENT	4	0095	SON SCHOOL	1
0006	ART STUDENT	1	0096	ST MARY SHOOL	4
0007	AST.	1	0097	ST SCHOOL	1
0008	AT COLLEGE	57	0098	STUDDING LAW	1
0009	AT CORNELL UNI	1	0099	STUDENT	5
0010	AT FREEDMANS SCHOOL	1	0100	STUDENT AT COLLEGE	1
0011	AT HARVARD C	1	0101	STUDENT AT CORNELL	432
0012	AT HOME & SCHOOL	20	0102	STUDENT AT HOPE COLLEGE	3
0013	AT INSTITUTE	1	0103	STUDENT AT LAW	1
0014	AT KINDERGARTEN	2	0104	STUDENT AT SCHOOL	1
0015	AT LAW SCHOOL	1	0105	STUDENT AT UNIVERSITY	6
0016	AT MEDICAL COLLEGE	1	0106	STUDENT D.D.&B.INST	1
0017	AT NORMAL SCHOOL	1	0107	STUDENT DD&B INST	1
0018	AT REFORM SCHOOL	1	0108	STUDENT IN COL	1
0019	AT SCHOLAR	1	0109	STUDENT MEDICAL	1
0020	AT SCHOOL	29189	0110	STUDENT O.W.U.	2
0021	AT SCHOOL IN THE INSTITUT	3	0111	STUDENT OF LAW	8
0022	AT SCHOOL LYANEUSE	1	0112	STUDENT OF PHILOLOGY	10
0023	AT SCHOOL ST D	1	0113	STUDENT OF PHILOSOPHY	2
0024	AT STATE REFORM SCHOOL	3	0114	STUDENT OF THEOLOGY	1
0025	AT THE SEMINARY	1	0115	STUDENT U OF W	1
0026	AT UNIVERSITY	1	0116	STUDENTS	1
0027	ATD PRIVATE SHOOL	1	0117	STUDENTS AT COLLEGE	3
0028	ATD PUBLIC SHOOL	6	0118	STUDING	3
0029	ATT	2	0119	STUDY	1
0030	ATTEND SCHOOL DEAF & DUMB	1	0120	STUDYING LAW	2
0031	ATTEND SCHOOL.	7	0121	STUDYING MEDICINE	1
0032	ATTENDING	1	0122	TAKING LESSONS AT HOME	5
0033	ATTENDING CHRIS COLLEGE	1	0123	TAUGHT AT HOME	4
0034	ATTENDING COLLEGE	10	0124	TENDING SCHOOL	1
0035	ATTENDING HIGH SCHOOL	1	0125	TENDS SHOOL	2
0036	ATTENDING NORMAL SCHOL	1	0126	THEO STUDENT	13
0037	ATTENDING SCHOOL	2805	0127	TO SCHOOL	3
0038	AWAY SCHOOL	3	0128	TRUCKING SCHOOL	2
0039	BOARDING SCHOOL	1	0129	TWINS AT SCHOOL	24
0041	COLLEGE	3	0130	UDICA STUDENT	1
0042	COLLEGE STUDENT	9	0131	WENT TO SCHOOL	1
0043	COLLEGIAN	1	0132	YALE COLLEGE	1
0044	FROM SCHOOL	2	0133	SCHOLAR	1
0045	GOES TO SCHOOL	444	0134	SCHOLER	1
0046	GOING TO ACADEMY	1	985	Retired	
0047	GOING TO COLLEGE	2	0001	(PAST LAB)	1
0048	GOING TO HIGH SCHOOL	1	0002	? EX CONSTABLE	1

0003	AGED	2	0092	RETIRED COTTON BUYER	1
0004	AT HOME ? RETIRED	1	0093	RETIRED D G	2
0005	BRASS FINISHER RETIRED	1	0094	RETIRED DEALER	1
0006	EX BOOK KEEPER	1	0095	RETIRED DENTIST	1
0007	EX CAPTAIN	1	0096	RETIRED DEPENDENT FARMER	1
0008	EX CARPENTER	1	0097	RETIRED DOCTOR	1
0009	EX CLERK OF DIS. COURT	1	0098	RETIRED DRUGGIST	6
0010	EX D????	1	0099	RETIRED DRY G MERCHANT	3
0011	EX FARMER	1	0100	RETIRED EX SHRIF	1
0012	EX HOUSE-WIFE	1	0101	RETIRED EXPRESSMAN	1
0013	EX MAYOR	1	0102	RETIRED FARMER	516
0014	EX MERCHANT	1	0103	RETIRED FARMER STATE SENATOR	1
0015	EX PHISICIAN	1	0104	RETIRED FARMER, SUPERVISOR OF CENSUS	1
0016	EX POLICEMAN	1	0105	RETIRED FARMING	1
0017	EX POSTMASTER	1	0106	RETIRED FROM BUSINESS	5
0018	EX REGISTER OF DEEDS-RETIRED	1	0107	RETIRED FROM BUSING	1
0019	EX SHEREFF	3	0108	RETIRED FROM HOUSE KEEPING	1
0020	FORMERLY A FARM HAND	1	0109	RETIRED FROM HOUSE WORK	1
0021	FORMERLY CARPENTER	1	0110	RETIRED FURNITURE DEALER	1
0022	FORMERLY HOUSE KEEPER	1	0111	RETIRED GENTLEMAN	1
0023	FORMERLY KH	2	0112	RETIRED GILDER	1
0024	JUSTICE OF THE PEACE RETIRED	1	0113	RETIRED GLASS DEALER	2
0025	LIVELY AT 85	1	0114	RETIRED GOLD MINER	1
0026	NO OCCUPATION RETIRED	1	0115	RETIRED GROCER	18
0027	NONE RETIRED	1	0116	RETIRED GUN MAKER	1
0028	NURSE (RETIRED)	1	0117	RETIRED HARDWARD DEALER	1
0029	OLD	3	0118	RETIRED HARDWARE	1
0030	OLD AGE	3	0119	RETIRED HARWARE MERCHANT	1
0031	OLD GENT	1	0120	RETIRED HATTER	2
0032	OLD LADY	4	0121	RETIRED HOME	1
0033	OLD MAN	4	0122	RETIRED HOSTLER	1
0034	OLDEST PERSON IN DISTRICT	1	0123	RETIRED HOTEL KEEPER	8
0035	PAST HIS LAB	2	0124	RETIRED HOUSEKEEPER	24
0036	PAST WORK	2	0125	RETIRED HUCKSTER	1
0037	PENSIONER	1	0126	RETIRED IRON DEALER	1
0038	PENSIONER 1812	1	0127	RETIRED JANITOR	1
0039	PRESYTERIAN MINISTER RETIRED	1	0128	RETIRED KH	6
0040	R F FARMER	1	0129	RETIRED LAB	12
0041	R PREACHER	2	0130	RETIRED LABORER ON FARM	1
0042	REITRED FROM BUSINESS	1	0131	RETIRED LADY	4
0043	RET ???????????	1	0132	RETIRED LAWYER	12
0044	RET CAB MAKER	1	0133	RETIRED LIBRARIAN	1
0045	RET COOK	2	0134	RETIRED LIFE	2
0046	RET DEALER IN DRY GOODS & GROCERIES	1	0135	RETIRED LIQUOR DEALER	2
0047	RET SEGAR MAK	2	0136	RETIRED LIVING WITH SON	1
0048	RET. CANDY MAKER	1	0137	RETIRED LUMBER MERCHANT	1
0049	RET. FRESCO PAINTER	1	0138	RETIRED LUMBERMAN	1
0050	RETIRED BOATMAN	1	0139	RETIRED M.	1
0051	RETIRAD IRON MERCHANT	1	0140	RETIRED M.E. MINISTER	1
0052	RETIRED	152	0141	RETIRED MACHINIST	2
0053	RETIRED "HOLLOW WARE"	1	0142	RETIRED MANUFACTURER	6
0054	RETIRED ? BUSINESS	1	0143	RETIRED MARINER	1
0055	RETIRED ?PED.R	1	0144	RETIRED MAST???T?? CHANCERY	1
0056	RETIRED ARMY OFFICER	1	0145	RETIRED MECHANIC	2
0057	RETIRED ATTORNEY	1	0146	RETIRED MERCHANT	147
0058	RETIRED BAKER	3	0147	RETIRED MILL HAND	1
0059	RETIRED BANK CASHIER	1	0148	RETIRED MILLER	5
0060	RETIRED BANKER	3	0149	RETIRED MILLINER	1
0061	RETIRED BLACKSMITH	10	0150	RETIRED MINER	2
0062	RETIRED BOOK DEALER	1	0151	RETIRED MINISTER	1
0063	RETIRED BOOK SELLER	1	0152	RETIRED MOUDLER	1
0064	RETIRED BOOT AND SHOE DEA	1	0153	RETIRED MUSIC	1
0065	RETIRED BREWER	2	0154	RETIRED OIL MANUFACTUR	1
0066	RETIRED BRICK MAKER	1	0155	RETIRED OIL MERCHANT	1
0067	RETIRED BRICK MASON	2	0156	RETIRED PHOTOGRAPHER	1
0068	RETIRED BROKER	1	0157	RETIRED PHYSICIAN	17
0069	RETIRED BROKER STOCK C	1	0158	RETIRED PHYSICIAN & FARMER	1
0070	RETIRED BUILDER	2	0159	RETIRED POFFESSOR	1
0071	RETIRED BUSINESS	2	0160	RETIRED POLICE OFFICER	1
0072	RETIRED BUTCHER	4	0161	RETIRED PUDLER	1
0073	RETIRED BY AGE	1	0162	RETIRED PUMP MAKER	1
0074	RETIRED CABINET MAKER	1	0163	RETIRED RAILROAD CONDUCTOR	1
0075	RETIRED CABINET MK'G	1	0164	RETIRED REAL ESTATE	2
0076	RETIRED CAPITALIST	1	0165	RETIRED REAL ESTATE DEALER	1
0077	RETIRED CARPENTER	16	0166	RETIRED ROPE MAKER	2
0078	RETIRED CARRAIGE MAKER	1	0167	RETIRED SAILOR	1
0079	RETIRED CARRIAGE MANUFACTURER	1	0168	RETIRED SALOON KEEPER	1
0080	RETIRED CARTMAN	1	0169	RETIRED SALOONIST	1
0081	RETIRED CASHIER IN BANK	1	0170	RETIRED SCHOOL TEACHER	2
0082	RETIRED CATTLE DEALER	1	0171	RETIRED SEA CAPT	2
0083	RETIRED CHEESE MAKER	1	0172	RETIRED SEA CAPTAIN	3
0084	RETIRED CLERGYMAN	5	0173	RETIRED SHIP BUILDER	1
0085	RETIRED CLERK	3	0174	RETIRED SHIP MASTER	4
0086	RETIRED CLOTHING MERCHANT	1	0175	RETIRED SHOE MAKER	7
0087	RETIRED COACH MAKER	1	0176	RETIRED SLATER	1
0088	RETIRED COAL DEALER	2	0177	RETIRED SOAP MAKER	1
0089	RETIRED COARL MERCHANT	1	0178	RETIRED SOLDIER	1
0090	RETIRED CONDUCTOR RR	1	0179	RETIRED STEAMBOAT CAPT	1
0091	RETIRED COOPER	3	0180	RETIRED STONE CUTTER	1

0181	RETIRED STONE MASON	2	0057	TRAMP ON PUBLIC STREET	5
0182	RETIRED STORE KEEPER	1	0058	U S PENSIONED	3
0183	RETIRED STOVE DEALER	1	0059	UNEMPLOYED	1
0184	RETIRED TAILOR	2	0060	UNEMPLOYED AT HOME	155
0185	RETIRED TANNER	1	0061	UNOCCUPIED	1
0186	RETIRED TANNER & CURRIER	1	0062	VAGABOND	39
0187	RETIRED TEACHER	3	0063	WITHOUT	1
0188	RETIRED TIN SMITH	1	0064	WITHOUT ANY	26
0189	RETIRED TRADER	1	0065	WITHOUT EMPLOYMENT	1
0190	RETIRED TRUCK MAN	1	0066	WITHOUT OCCUPATION	8
0191	RETIRED U.S. ASSAYER	1	0067	WITHOUT WORK	360
0192	RETIRED UNDERTAKER	1	0068	BEGGAR	5
0193	RETIRED WAGON MAKER	1	987	Sick, disabled	
0194	RETIRED WEAVER	4	0001	"IDIOTIC"	3
0195	RETIRED WHOLESALE GROCER	1	0002	? RUMATIC	2
0196	RETIRED WOOLEN MANUFACTURER	1	0003	AFFLICTED	1
0197	RETIRED YARN MANUFACTURER	1	0004	AT D. & MUTE INST.	1
0198	RETIRING FROM ?TU?MP	1	0005	BLIND	3
0199	RETRIED ATTY	1	0006	BLIND LIVING WITH SON	1
0200	RETIRED CABINET MAKER	1	0007	CANT WORK	1
0201	RTD HUNTER	1	0008	CARE OF COUNTY	4
0202	SAILOR (EX)	1	0009	CHRONIC RHEUMATISM.	1
0203	SEA FARING CAPTAIN RETIRE	1	0010	CONSUMPTION	1
0204	SHIP CARPENTER RETIRED	1	0011	CRIPPLED IN ARMY	1
0205	SHOEMAKER RETIRED	1	0012	CRIPPLE	3
0206	SUPERANUATED	8	0013	CRIPPLED	4
0207	SUPERANUATED HOUSE KEEPER	1	0014	CRIPPLED HUNCHBACK	1
0208	TETIRED CARPENTER & BUILDER	1	0015	DEAD	6
0209	TOO OLD TO LABOR	1	0016	DEAD WITH	1
0210	VERY OLD	1	0017	DEAF & DUMB	1
0211	WAS A LAB	1	0018	DECEASED	3
0212	WAS FIREMAN	1	0019	DEFORMED INVALID	1
986	Without occupation, unemployed		0020	DIED	1
0001	AT HOME UNEMPLOYED	1	0021	DIED JUNE 2.D	1
0002	BENEFICIARIES OF US GOVT	2	0022	DIED JUNE 9 AD 1880	1
0003	BENEFICIARY	1	0023	DIED ON SHIP JUNE 1ST	1
0004	DEPENDENT ON SUPPORT	4	0024	DISABLE TO WORK	2
0005	DOES NOT WORK	1	0025	DISABLED BY	1
0006	DOES NOTHING	1	0026	DISABLED IN FOOT	1
0007	DOING NOTHING	2	0027	DISABLED SOLDIER	1
0008	DRAWS SUPPORT FROM CITY	4	0028	DISABLES	1
0009	ENGINEER (NOT EMPLOYED)	1	0029	DISABLES ASTMA	1
0010	GOV PENTIONER	1	0030	DWARF	3
0011	HAND OUT	1	0031	EPILEPSY	1
0012	HARMLESS ABOUT & ABOUT	1	0032	FARMER BEFORE BEING INSANE	1
0013	HAS NO OCCUPATION	1	0033	FAT	1
0014	HAS NONE	2	0034	FEEBLE HEALTH	1
0015	HAVE NO OCCUPATION	6	0035	FEVER	1
0016	HAVE NONE	1	0036	HELPLESS	2
0017	HOME NO OCCUPAT	3	0037	IDIOT	2
0018	IDLE	1	0038	IDIOT AT HOME	1
0019	IDLER	9	0039	IN BAD HELTH	1
0020	LAZY CUS	4	0040	INFIRM	6
0021	LOAFER	1	0041	INFIRM FROM	2
0022	NEVER HAD ANY	6	0042	INFIRMARIAN	2
0023	NIL	1	0043	INFIRMED	1
0024	NO	1	0044	INFLAMITORY	1
0025	NO BUSINESS	10	0045	INSANE	10
0026	NO BUSINESS AT PRESENT	35	0046	INVALID	34
0027	NO BUSINESS NOW	1	0047	LAME	1
0028	NO EMPLOYMENT	1	0048	LYING IN	1
0029	NO HOME	16	0049	MUTE	1
0030	NO LABOR	1	0050	NOT ABLE TO WORK	4
0031	NO OCCUPATION	1	0051	NOW DEAD	1
0032	NO PROFESSION	711	0052	OLD INFIRM	1
0033	NO TRADE	1	0053	PARALYSIS	1
0034	NO VOCATION	1	0054	PARALYTIC	1
0035	NO WORK	1	0055	PARLISED LEFT ARM	1
0036	NONE	2	0056	PARTLY BLIND	1
0037	NONE AT PRESENT	580	0057	PATIENT	6
0038	NORTH PAUPER	1	0058	PAUPER ONE LEG	1
0039	NOT ANY	1	0059	PENSIONER INVALID	1
0040	NOT DOING ANYTHING	5	0060	RECUPERATING HEALTH	1
0041	NOT EMPLOYED	1	0061	SICK	2
0042	NOT IN ANY BUSINESS	16	0062	SICK DROPSY	1
0043	NOT IN BUSINESS	1	0063	SICK SCARLET FEVER	1
0044	NOT OCCUPIED	3	0064	SICKLY	1
0045	NOTHING	7	0065	SICKLY HAS NO PERMANENT HOME	1
0046	OUT OCCUPATION	43	0066	SORE EYES	1
0047	OUT OF BUSINESS	4	0067	TOTALLY BLIND	1
0048	OUT OF EMPLOYMENT	7	0068	UNABLE FOR LABOR	1
0049	OUT OF WORK	4	0069	UNABLE TO WORK	5
0050	PAUPER	3	988	Institutional inmate	
0051	PENSIONER	110	0001	"PRISONERS" JAIL	1
0052	SUPPORTED BY CHARITY	3	0002	?PENITENTIARY	1
0053	SUPPORTED BY JACOB &	1	0003	ASYLUM	2
0054	SUPPORTED BY SON	1	0004	AT ASYLUM	1
0055	TOWN PAUPER	1	0005	AT FEMALE REFORMATORY	1
0056	TRAMP	1	0006	AT INSANE ASYLUM	1

0007	AT TAUNTON ASSYLM	1	0047	BOARDS	34
0008	AT THE INSANE ASYLUM ST PETER	1	0048	BOARDS AT HOME	1
0009	CONVICT	15	0049	BOARDS WITH DAUGHTE	1
0010	CONVICT IN C. MINES	1	0050	BOARDS WITH SON	1
0011	IN ASSYLM AT FRANKFRT ?K. FEEBLE	1	0051	BORN IN FAMILY	1
0012	IN COUNTY PRISON	1	0052	BOUND	5
0013	IN INDIGENT ASYLUM	1	0053	BRD	3
0014	IN INSANE ASYLUM	1	0054	BROTHER	1
0015	IN JAIL	4	0055	BROTHER IN LAW IN FAMILY 96 PAGE 9	1
0016	IN POOR HOUSE	4	0056	CANPANION	1
0017	IN PRISON	1	0057	CHILDREN OF KATE M.CMAHAN	2
0018	INMATE	97	0058	CLERK WIFE	1
0019	INMATE LAB	1	0059	COLLEGE GRADUATE	1
0020	INMATE CARIT INST	1	0060	COMPANION	6
0021	INMATE OF CONVENT	1	0061	DAU	75
0022	INMATE ORPH ASY	1	0062	DAU AT HOM	2
0023	INMATE/INSANE	1	0063	DAU IN LAW	2
0024	INMATES	6	0064	DAU OF FARMER	1
0025	INSANE ASSYLM CONCORD N.H.	1	0065	DAUGHTER H	1
0026	INSANE ASYLUM	4	0066	DEPENDANT	4
0027	LYING IN JAIL	1	0067	DON	1
0028	ORPHAN	9	0068	FAMILY	1
0029	ORPHAND AT ST JOSEPHS CONVENT	1	0069	FAMILY 338	1
0030	ORPHANS CONTINUED	1	0070	FARM ADDRESS	1
0031	PACIENTS	1	0071	FARM HOUSE	7
0032	PATIENT IN ASY.L	2	0072	FARMER'S WIFE	6
0033	PICKED UP ON STREETS BY POLICE	1	0073	FARMERS WIDOW	1
0034	PRISON	1	0074	FARMERS WIFE	4
0035	PRISONER	33	0075	FARMING HOUSE	1
0036	PRISONER IN COUNTY JAIL	1	0076	FATHER	6
0037	SAME AS ABOVE	1	0077	FATHER IN LAW	1
0038	WARD	1	0078	FOSTERLEN	1
989	Gentleman		0079	FRANCE	1
0001	AT LEISURE	6	0080	FROM HOME	1
0002	G LEISURE	1	0081	G DAU	7
0003	GENTLE WOMAN	2	0082	G MOTHER	1
0004	GENTLEMAN	47	0083	G PARENTS	1
0005	HAS MONY	1	0084	GCHILD	1
0006	INCOME	4	0085	GRAND DAUGHTER	2
0007	LADY	15	0086	GSON	4
0008	LEISURE	3	0087	HAS 3 CHILDREN	1
0009	LIVING AT EASE	1	0088	HEAD	3
0010	MONEY	1	0089	HEAD OF FAMILY	2
990	Other non-occupational response		0090	HERMIT	1
0001	(IN EUROPE)	1	0091	HIS HOME	1
0002	(OMITTED IN FAMILY NO 119)	1	0092	HIS WIFE	1
0003	? SELF BDR	1	0093	HUSBAND	3
0004	??T OF A CHILD	1	0094	HUSBAND LEFT	1
0005	?WOTH-FATHER	1	0095	ILIGTAMATE	1
0006	ABOUT ON A VISIT	1	0096	IMIGRANT	3
0007	ABSENT	1	0097	IN CALIFORNIA	1
0008	ADOPTED	2	0098	IN COLORADO	1
0009	ADOPTED AT HOME	1	0099	IN FAMILY	1
0010	AGED WIDOW	1	0100	IN LODGINGS	2
0011	ALL GOODNESS	1	0101	IN THE FAMILY	3
0012	AND LODGER	1	0102	KEEPING WIFE	1
0013	AS 1 OF FAMILY	2	0103	KENTUCKY	4
0014	AS ONE OF THE FAMILY	5	0104	KIVING WITH DAU	1
0015	AT ? UNICE	1	0105	LAB WIFE	1
0016	AT AUNT'S	2	0106	LABORERS WIFE	1
0017	AT BLACK HILLS	1	0107	LEFT HIS FAMILY 4 YEARS	1
0018	AT DAUGHTERS HOUSE	1	0108	LIFE LEASE	1
0019	AT FATHERS	1	0109	LITERAT	1
0020	AT HER BROTHERS	1	0110	LITTLE SISTER	1
0021	AT HER DAUGHTERS	1	0111	LIVE IN FAMILY	2
0022	AT HER SISTER ST 717	2	0112	LIVE IN HOUSE WITH FATHER	1
0023	AT HIGH STREET	1	0113	LIVE OF THE SON	1
0025	AT ST F	1	0114	LIVE WITH	1
0026	AT THIS FAMILY	1	0115	LIVE WITH FAMILY	2
0027	AT WILLIAM	1	0116	LIVEING WITH SON	1
0028	AUNT	1	0117	LIVES ALONE	1
0029	AWAY FROM HOUSE	1	0118	LIVES AS ONE OF FAMILY	3
0030	AWAY ON VISIT	2	0119	LIVES AT HAND	1
0031	BARDS	1	0120	LIVES AT HER HOME	1
0032	BASTARD	1	0121	LIVES HERE	4
0033	BATCHELOR	1	0122	LIVES IN FAMILY	13
0034	BDR	819	0123	LIVES ON THE HOMESTEAD	1
0035	BDR AT ORPHAN ASYLUM	3	0124	LIVES OUT	5
0036	BDR WRITES	1	0125	LIVES WITH	1
0037	BDRS	1	0126	LIVES WITH A B SNOW	1
0038	BEEN MARRED 3 TIMS	1	0127	LIVES WITH BROTHER	4
0039	BELONGS TO FAMILY 178	1	0128	LIVES WITH CHILDREN	2
0040	BLACK SMITH'S WIFE	1	0129	LIVES WITH DAU	5
0041	BOARD LAB	1	0130	LIVES WITH FAMILY	7
0042	BOARDED	1	0131	LIVES WITH FATHER	1
0043	BOARDER AT HOUSE	1	0132	LIVES WITH FATHER IN LAW	1
0044	BOARDING	400	0133	LIVES WITH HER SON	2
0045	BOARDING AT	1	0134	LIVES WITH HIM	1
0046	BOARDING WITH SON	1	0135	LIVES WITH MOTHER	1

0136	LIVES WITH NEPHEW	2	0225	WIFE AT HOME	1
0137	LIVES WITH NIECE	1	0226	WIFE KEEPER HOUSE	1
0138	LIVES WITH SISTER	2	0227	WIFE OF FARMER	2
0139	LIVES WITH SON	16	0228	WIFE OF TEAMSTER	1
0140	LIVES WITH SON IN LAW	4	0229	WIFE OF THE ABOVE	1
0141	LIVES WITH UNCLE	1	0230	WIFE-KEEPING HOUSE	1
0142	LIVES WITH.	1	0231	WIFES BROTHER	1
0143	LIVING	2	0232	WILL NOT GO TO SCHOOL	1
0144	LIVING ?HERE	1	0233	WITH BRO IN LAE	2
0145	LIVING AS FAMILY	1	0234	WITH DAU	1
0146	LIVING BY SELF	1	0235	WITH FAMILY	3
0147	LIVING HERE	5	0236	WITH FATHER	5
0148	LIVING HOME	16	0237	WITH G MOTHER	1
0149	LIVING IN FAMILY	9	0238	WITH HER DAU	1
0150	LIVING IN THE FAMILY	1	0239	WITH HIS FATHER	2
0151	LIVING OUT	8	0240	WITH HIS GRAN FATHER	1
0152	LIVING WITH	1	0241	WITH MOTHER	6
0153	LIVING WITH AUNT	1	0242	WITH OTHER FOLKS	1
0154	LIVING WITH BROTHER IN LAW	1	0243	WITH PARENT	1
0155	LIVING WITH DAU	10	0244	WITH PARENTS	4
0156	LIVING WITH G SON	1	0245	WITH SEVENT	1
0157	LIVING WITH HER MOTHER	1	0246	WITH SISTER	1
0158	LIVING WITH HIER	1	0247	WITH SON	4
0159	LIVING WITH HIS MOTHER	1	0248	WORK PARENTS	6
0160	LIVING WITH ME	1	997	Unclassifiable	
0161	LIVING WITH MOTHER	2	0001	?UNKNOWN	1
0162	LIVING WITH PARENTS	3	0002	IMPOSSIBLE TO ASCERTAIN MORE INFO	1
0163	LIVING WITH POWERS	1	0003	KNOT KNOWN	1
0164	LIVING WITH SISTER	4	0004	NOT KNOWN	4
0165	LIVING WITH SON	11	0005	UNKNOWN	33
0166	LIVING WITH SON IN LAW	3	998	Illegible	
0167	LIVING WITH UNCLE	2	0006	?	5
0168	MASON'S WIFE	1	0008	?L.	1
0169	MEMBER OF FAMILY	1	0011	AT !	4
0170	MISTRESS	2	0013	H ???R	1
0171	MNF. SON	1	0014	H???????	1
0172	MOTHER	7	0015	HOUSE ????	1
0173	MOTHER IN LAW	7	0017	ILLEGIBLE	2
0174	MOTHER OF J B	1	0018	KEEPS ??????	1
0175	MOTHER TO H KEEPER	1	9998	! (Completely illegible)	41
0176	NEB	2	999	Missing	
0177	NIECE	2	9999		147536
0178	NO KIN	1			
0179	NO RELATION	1			
0180	NOT ADOPTED	2			
0181	NOT AT HOME	3			
0182	NOT AT SCH	1			
0183	NOT HOME	1			
0184	OF MARY HAUCK	2			
0185	ON A VISIT	2			
0186	ONE OF FAMILY	19			
0187	PARTNER	2			
0188	PRIVATE LIFE	2			
0189	RAN OFF	1			
0190	RENTER	8			
0191	RESIDES WITH DAU	1			
0192	RESIDING	1			
0193	RUNING ??? STRECH	1			
0194	SISTER	5			
0195	SISTER HOUSE	1			
0196	SISTER IN LAW	2			
0197	SOLDIERS WIFE	1			
0198	SON	63			
0199	SON HOME	1			
0200	SON TO NURSE	1			
0201	SON WORKS FOR EDWARD HAUS	1			
0202	SON WORKS FOR HIRAM POND	1			
0203	SPINSTER	2			
0204	STAR BDR	1			
0205	STAYING WITH BROTHER	1			
0206	STAYING WITH DAUGHTER	1			
0207	STAYING WITH HIS PARENTS	1			
0208	STAYING WITH SISTER	1			
0209	STAYING WITH SON	1			
0210	STAYS IN FAMILY	2			
0211	STAYS WITH HIS SON	1			
0212	STOP WITH DAUGHTER	1			
0213	STOPS WITH THE FAMILY	1			
0214	TAKE TO RAISE	1			
0215	TAKEN TO RAISE	1			
0216	TWINS	2			
0217	VISITING	36			
0218	VISITING FRIENDS	1			
0219	VISITING IN ILLS	1			
0220	VISITING OUT	1			
0221	VISITING-[KEEPS HOUSE]	1			
0222	VISITOR	14			
0223	WIDOW	20			
0224	WIFE	108			

INDEX

* Note: Individual variables are listed in boldface and capitalized. For a description of each variable see pages 46-55.

— A —

AGE, 11, 16, 34, 42, 51, 57, 78-80, 121, 174
AGEMO, 34, 42, 51, 57, 80
Age in months, 34, 42
Anderson, Margo, 24
Appendix A, 65, 125
Appendix B, 152
Appendix C, 99, 198

— B —

Birthplace, 30, 35, 53, 105-115
Blacks. *See Also* **RACE**, 9, 34, 42, 50, 77, 155, 172-175
BLIND, 11, 30, 34, 39, 52, 57, 68, 103, 164, 166, 173, 174
BPL, 11, 30, 35, 53, 57, 105-108, 123

— C —

Census Bureau (1902 to present), 2, 5, 6, 9, 12, 16, 27, 29, 30, 33, 48, 52, 56
Census Office (until 1902), 3, 12, 21-27, 29, 31, 34-37, 40, 49, 152-158, 162, 164-166, 169, 171-173, 175, 176-179, 193, 195
Census Supervisors, 2, 36-37, 152-156, 160, 166, 180-182, 186
Census Supervisors' Districts, 34, 48, 56, 69, 152
Children, 4, 9, 13-20, 32, 34, 35, 39, 42, 51, 53, 57, 68, 116, 117, 157, 165, 166, 174
Children's occupations. *See* Occupations, children
Chinese. *See Also* **RACE**, 34, 42, 50, 77, 172-173
Cities, 11, 21-23, 34, 44, 62-65
CITYPOP, 21-23, 47, 56, 62
CITYRANK, 47, 56, 62-65
Civil Condition, 34
Civil Divisions, 21-23, 44, 160, 161
COUNTY, 11, 21-23, 47, 56, 65, 125-151
Counties, 21-23, 34, 36, 68, 156, 157, 160, 161, 163, 164, 166, 169, 173, 175, 177, 185-187, 189, 191, 192, 196

— D —

Data consistency checking and cleaning, 3, 8-9, 17
Data entry, 2, 8, 11, 21, 24
Data format, 2, 12
DEAF, 11, 52, 57, 103
Deaf, 30, 34, 39, 68, 164, 166, 173, 174
Detailed occupational classification, 29, 198
DETOCC, 29, 52, 57, 99, 198

Dwellings, 4-9, 12, 13, 34, 41, 170
DWNUM, 34, 41, 49, 56, 74
DWSEQ, 13, 15, 46, 50, 56, 57, 59, 76
DWSIZE, 11, 47, 56, 61
DWTAKE, 47, 56, 61

— E —

Education. *See also* **SCHOOL**, 3, 11, 35, 44, 157, 164-166
ELDCH, 16, 17, 53, 57, 117
ENUMDAY, 49, 56, 70
ENUMDIST. *See also* Enumeration, districts, 11, 49, 56, 69
ENUMDUR, 49, 56, 71
Enumeration.
 Districts, 36, 152, 160, 161, 176
 Length of the enumeration period, 163, 170
 Public preparedness for the enumeration, 166
Enumerators, 2, 4, 7, 9, 22, 26, 30, 34-45, 152-154, 156-178, 180, 182-197
 Appointment of, 37, 156-158
 Cooperation of public with, 39
 Courtesy on the part of, 38
 Dissatisfaction with payment, 177-178
 Duties of, 37, 162-163
 Instructions to, 22, 26, 34-45, 161
 Qualifications of, 152, 158-160.
 Schedules and pay rates of, 152, 164, 177-178
 Selection of, 156-158.
 Training and oversight of, 35-37, 162-163
 Trials and tribulations of, 167
 Women as, 157
ENUMMO, 49, 56, 70
Error control. *See Also* Verification, 8-11, 29

— F —

Families, 4-7, 12-21, 24, 34, 35, 37, 39, 41, 43, 164, 167, 170-173
Family interrelationships, 12-21, 54
FBPL, 53, 57, 108-112, 123
FNAME, 11, 41-42, 55, 58, 124
Fool, meddlesome 168

— G —

Geographic Coding, 21-23
Green eggs. *See* Ham.

— H —

Ham. *See* Green eggs.
HHNUM, 11, 41, 50, 55, 56, 58, 74, 75, 124
HHSEQ, 13, 15, 46, 50, 56, 57, 59, 76

HHSIZE, 11, 47, 56, 61
Households, 4-10, 12-21, 46-48, 116-119, 164-166, 169, 170, 173, 174
Household composition, 5-10, 12-21, 41-42
Household Records, 12-13, 46-50, 56, 59-75

— I —

Interuniversity Consortium for Political and Social Research (ICPSR), 21, 46, 47, 56, 65, 125
IDIOTIC, 11, 30, 32, 35, 39, 53, 57, 103, 164, 166, 173
Indians. *See Also* **RACE**, 38, 50
INSANE, 11, 30, 32, 35, 39, 53, 57, 68, 83, 102, 164, 166, 173
INSTCODE, 31-32, 48, 56, 68
INSTFUND, 31-32, 48, 56, 68
Institutions, 6-7, 12-13, 31-32, 41, 48, 56, 68-69
 Funding of, 48, 56, 69
 Names of, 31
Integrated Public Use Microdata Series (IPUMS), 3, 4

— L —

Laslett, Peter, 16
LINENO, 11, 49, 56, 73
Linking parents, children and spouses, 12-21, 54
 in 1910 PUMS, 20-21
LIT, 11, 35, 53, 57, 58, 104, 123
LNAME, 11, 41-42, 55, 58, 124

— M —

MAIMED, 11, 30, 35, 53, 57, 102, 104, 164, 173
MARST, 11, 14, 19-20, 34, 51, 57, 58, 84, 122
MBPL, 11, 30, 35, 53, 57, 58, 112-114, 123
MOMLOC, 14-21, 53, 56, 117
MOMRULE, 18-21, 53, 56, 117
MONTH, 11, 34, 35, 51, 57, 81, 164, 165
Mulattos. *See Also* **RACE**, 34, 42, 50, 77
MWITHIN, 34, 51, 57, 58, 84, 122

— N —

Nativity. *See Also* **BPL**, 30, 35, 44, 164
NCHILD, 16, 17, 54, 57, 116
NCHLT5, 16, 17, 54, 57, 117
NFAM, 16, 17, 54, 57, 116
NUMHH, 11, 47, 56, 61

— O —

OCC1880, 24-27, 51, 57, 84-91, 122
OCC1950, 24, 27-29, 51, 57, 92-99, 122
Occupation, 9, 11, 15, 24-29, 34-35, 40, 42-43, 51, 57, 58, 84-99, 122, 160, 170, 173-174

Children's, 24, 29, 35, 42-43
Women's. *See Also* Enumerators, women as, 24, 26, 28, 29, 34, 42-43, 157
Coding, 24-29, 51, 57, 58, 84-99
Classification and index, 1880, 24-27
Classification and index, 1950, 27-28
Detailed classification. *See* DETOCC; Detailed occupational classification
Non-occupational responses, 24, 27, 28, 92, 99

— P —

PAGENO, 11, 49, 56, 73
PERSEQ, 16, 50, 57, 76
Person Records, 12-13, 50-55, 57-58, 76-124
PERSONS, 46, 56, 59
Picard, Captain. *See* Tea, Earle Grey, hot.
Place of Birth. *See Also* BPL, 30, 35, 44, 164
POPLOC, 14-21, 54, 57, 119
POPRULE, 18-21, 54, 57, 119
Public Use Microdata Sample(s) (PUMS). *See Also* Integrated Public Use Microdata Series (IPUMS),
1-6, 12-14, 20, 21
of 1850, 2-4
of 1880, 1-271
of 1900, 2, 4-5, 13, 51, 53
of 1910, 2, 4, 13, 20-21, 47
of 1920, 2-4
of 1940 through 1980, 2, 4-5, 13
Comparability of, 3-6, 13

— Q —

QAGE, 58, 121
QBPL, 58, 123
QDWNUM, 50, 56, 75
QFBPL, 58, 123
QFNAME, 55, 58, 124
QGENERAL, 55, 57, 121
QHHNUM, 7, 9, 50, 55, 56, 58, 75, 124
QLIT, 53, 58, 123
QLNAME, 55, 58, 124
QMARST, 51, 58, 122
QMBPL, 58, 123
QOCC, 58, 122
QRACE, 51, 58, 121
QREL, 51, 58, 121
QSCHOOL, 53, 58, 122
QSEX, 51, 58, 121
Quality control. *See* Error Control.
QUNEMP, 52, 58, 122
QWITHIN, 58, 122

— R —

RACE. *See Also* Indians; Blacks; Chinese; Mulattos, 9, 11, 34, 38, 42, 50, 57, 58, 77, 121, 164, 172-175
as a factor in underenumeration, 172-175
RCVDAY, 11, 49, 56, 72
RCVMO, 11, 49, 56, 71
RECTYPE, 46, 50, 56, 57, 59, 76
REEL, 5, 8, 11, 49, 56, 72
REGION. *See Also* Geographic coding, 48, 56, 67, 166, 172
REL. *See Also* Families; Family interrelationships; Household composition; **RELCLASS**, 7, 11, 14, 16, 51, 57, 58, 82, 121
RELCLASS. *See Also* Families; Family interrelationships; Household composition; **REL**, 51, 57, 81

— S —

Sampling design, units and procedures, 4-7, 12-13, 34, 46-47
SAMPUNIT, 8, 12, 46, 56, 60
SCHOOL. *See Also* Education, 11, 24, 35, 44, 53, 57, 58, 104, 122
Schools. *See Also* Institutions, 68
SEQHH, 11, 47, 56, 61
SERIAL, 15-16
SEX, 8, 9, 11, 13, 18, 19, 34, 38, 42, 51, 57, 58, 77, 121, 164
SICKNESS, 11, 30-31, 34, 39, 52, 57, 100-103
SIDE, 5, 11, 49, 56, 73
Sight Verification. *See* Verification.
Soldiers, 38, 86
SPLOC, 14-21, 54, 57, 120
SPRULE, 19, 55, 57, 120
SPSS, 15-16
States, 11, 21-23, 30, 34-36, 44, 48, 56, 65-67, 125-151, 154, 155, 160-162, 164-167, 169, 172, 176
STATECENS, 21-23, 48, 56, 66-67
STATEICP, 21-23, 48, 56, 65-66
STREET, 11, 34, 45, 50, 56, 75, 163, 164, 170-171
SUPDIST, 11, 48, 56, 69
Supervisors of the Census. *See* Census Supervisors.

— T —

Transcription error rates. *See* Error Control.
Tea, Earle Grey, hot. *See* Picard, Captain.
Terror, mortal, 169

— U —

Underenumeration, 9-10, 170-173, 175-177
UNEMP, 11, 28-29, 34-35, 52, 57, 58, 99, 122, 174

— V —

Variable descriptions, 46-55
Variable guide, 56-58
Verification, 2, 8, 11, 50, 56, 75
VERIFY, 50, 56, 75

— W —

Walker, Francis A. 3, 9, 24, 152, 155-157, 159, 160, 163, 165, 167, 169-171, 177, 179-186,
188-190, 194, 197
Whiskey, bad, 168
Wright, Carroll, 9, 34, 156
Women. *See Also* Occupation, women's; Enumerators, women as, 16, 18, 19, 24, 26, 28-29, 43,
68, 157, 168, 169, 171, 174

— Y —

YNGCH, 16, 17, 54, 57, 117