

*INTER-UNIVERSITY CONSORTIUM FOR
POLITICAL AND SOCIAL RESEARCH*

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UNITED STATES CENSUS
DATA FOR 1960:
ONE-IN-ONE THOUSAND SAMPLE

(ICPSR 0054)

Principal
Investigator

United States Bureau
of the Census

ICPSR Edition

January 1973

Technical Documentation for the
1960 Public Use Sample
PUS - 1960
Prepared By
National Data Use and Access Laboratories
(DUALabs)

1960 PUBLIC USE SAMPLE

Acknowledgements

This rewritten and expanded technical documentation for the 1960 Public Use Sample, based on documentation originally developed by the Data Access and Use Laboratory, U. S. Bureau of the Census, was prepared by Lynda T. Carlson under the direction of Constance F. Citro, Director, DUALabs' Information Documentation Center. Faye Van Lear and Linda Speacht contributed typing assistance. Data Descriptors and marginal control totals for each data code were produced by Kisun Han. Judy Kadow created the cover design.

Preparation of 1960 Census Public Use Sample documentation was undertaken as part of DUALabs' Summary Tape Assistance, Research, and Training (START) Program, which is partially supported by the Center for Research Libraries, Chicago, Illinois, with a grant from the Ford Foundation. Support was also provided by a grant from the National Science Foundation to the Clearinghouse and Laboratory for Census Data, operated jointly by National DUALabs and the Center for Research Libraries.

Data Descriptor preparation was undertaken in connection with DUALabs' Public Use Sample Helper (PUSH) and CENTS-AID computer programs for processing the Public Use Samples. Development of these programs is being supported by Contract NIH-NICHD 72-2707, National Institute of Child Health and Human Development, National Institutes of Health.

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STUDY DESCRIPTION

This dataset includes individual-level data (one-in-one-thousand household national sample) from the 1960 Censuses of Population and Housing, prepared by the Bureau of the Census. These data were acquired from the National Data Use and Access Laboratories (DUALabs)

PROCESSING INFORMATION

These data and documentation are distributed in the form received by the ICPSR from the original investigator, thus the ICPSR can take no responsibility for the technical condition of the data or for the accuracy of the codebook.

ACKNOWLEDGMENT OF ASSISTANCE

All manuscripts utilizing data made available through the Consortium should acknowledge that fact as well as identify the original collector of the data. The ICPSR council urges all users of ICPSR data facilities to follow some adaptation of this statement with the parentheses indicating items to be filled in appropriately or deleted by the individual user.

The data (and tabulations) utilized in this (publication) were made available (in part) by the Inter-university Consortium for Political and Social Research. The data for the United States Census Data for 1960: One-in-One Thousand Sample were originally collected by the United States Bureau of the Census. Neither the original collectors of the data nor the Consortium bear any responsibility for the analyses or interpretations presented here.

In order to provide funding agencies with essential information about the use of archival resources, and to facilitate the exchange of information about ICPSR participants' research activities, each user of the ICPSR data facilities is expected to send two copies of each completed manuscript or thesis abstract to the Consortium. Please indicate in the cover letter which data were used.

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TECHNICAL DOCUMENTATION FOR THE
1960 PUBLIC USE SAMPLE
PUS-1960

JANUARY 1973

TABLE OF CONTENTS

SECTION		Page
I	INTRODUCTION	i
	Background	i
	Comparison of 1960-1970 PUS Data Files	v
II	TECHNICAL CONVENTIONS FOR THE 1960 PUBLIC USE SAMPLE TAPE	
	A. Technical Characteristics of Magnetic Tape Recording	1
	B. Conventions for Data Records	2
	C. Conventions for Header and Trailer Labels	4
	D. Character Set	10
III	DESCRIPTION OF CONTENTS OF THE 1960 PUBLIC USE SAMPLE RECORDS	12
	Household Record	13
	Person Record	23
IV	SAMPLE DESIGN AND SAMPLING VARIABILITY	53
	A. Sample Design	53
	B. Estimation	58
V	1/1,000 AND 1/10,000 MARGINALS FROM 1960 PUBLIC USE SAMPLE	77
	Household Record Marginals	78
	Person Record Marginals	93

Preface

The 1960 Census Public Use Sample files of individual records are considered final at the time they are created. The master tapes, from which copies are prepared, are held in permanent storage at the Census Bureau. No names or addresses are carried in the records and geographic identification is limited in order not to violate the confidentiality of individual responses to the census.

The attached Technical Document PUS-1960 for the 1960 Public Use Sample represents the latest documentation from the Census Bureau, including technical conventions and character set as well as the description of the geographic and data contents of the 1960 Public Use Sample logical records. The documentation has been rearranged ~~some what~~ to facilitate comprehension and readability and includes error corrections as well as DUALabs' Data Descriptor names for use with DUALabs' PUSH and CENTS-AID computer programs as well as SPSS.^{1/} Marginal control totals are also provided.

The documentation sent to each user indicates the particular kind of tape copy prepared for him with regard to tracks, density, labeling, areas covered, etc. Users with custom form extracts of the Public Use Sample files receive entirely special file documentation.

Supplements to the documentation will be issued by DUALabs as needed and will be sent to users. Reports of DUALabs' experience in working with the Public Use Sample files, covering record types, code errors and anomalies, and other topics, are being issued in ~~the~~ 1970 Census Technical Bulletins and the review of Public Data Use published by the Clearinghouse and Laboratory for Census Data.

^{1/}Statistical Package for the Social Sciences

I. Introduction

The Public Use Sample of basic records from the 1960 Census is a set of files containing unaggregated records for a one-percent sample of the 1960 Census population, organized by State.

Background

Most of the publicly available data from the census are summary data rather than basic data about individual persons or households. Releasing data about specific individuals is precluded by the confidentiality restrictions of the census. Samples of basic data with identifying information removed may, however, be made available for statistical purposes.

In 1963 the Bureau of the Census made available on tape or punchcards the separate records of the population characteristics of approximately 180,000 individuals, comprising a 0.1-percent sample of the population of the United States as enumerated in the 1960 Census of Population and Housing. The information contained on the records comprised a selection of the characteristics of persons as enumerated in the 25-percent sample. The sample was designed to be self-weighting, each person being assigned a weight of 1,000.

This sample enabled users to prepare analytical tabulations of the characteristics of the population of the United States. The names of the respondents and certain of the more detailed items, on place of residence and other characteristics, were not revealed. Data in these samples were used by a number of university, government, and private research organizations. The sample was also used as training material in social science departments of many colleges and universities.

The Bureau of the Census is now creating Public Use Samples of basic records from the 1970 Census. The program is being substantially expanded to include (a) larger samples of the population, (b) more geographic detail, and (c) more complete coverage of the subject content of the census. As a result, this data base is more versatile than the 1960 data sample created in 1963.

In view of the widespread interest in time-series comparisons, the Bureau has created this new Public Use Sample of basic records from the 1960 Census with the expanded sample size, geographic detail, and subject content of the 1970 Public Use Samples.

More information on the 1970 Public Use Samples is contained in a Data Access Description No. 24, "Public Use Samples of Basic Records from the 1960 and 1970 Censuses", which is available on request from the Data Access and Use Laboratory, Data User Services Office, Bureau of the Census. The complete Description and Technical Documentation for the 1970 Samples may be purchased from the Central Users' Service, Bureau of the Census, for \$3 per copy.

Public Use Sample of Basic Records from the 1960 Census

This set of files is a representative sample of the records from the 1960 sample questionnaires. Records have been sampled on a household-by-household basis^{1/} so that the characteristics of family members may be inter-related and related to characteristics of the housing unit. The size of the sample, "one-in-a-hundred" or one sample household for every 100 households in the country, represents 1/25th of the records in the Census Bureau's file containing records from the 25-percent sample questionnaires. This sample is self-weighting; tabulations from the file should be inflated by a factor of 100 to estimate the total for the population. (See also Section IV on sample design.)

No names or addresses appear in the file, and geographic information is limited to protect the confidentiality of the individual returns. Sample households are coded to the State of residence. The records also contain codes for urban and rural residence, inside or outside SMSA's, inside or outside a central city of an SMSA. (For smaller States one or more of these three codes may not be given if it would result in the identification of a population less than 250,000.) The same scheme of geographic identification will be available on 1970 "State" Public Use Samples (see Table A). Other 1970 Samples will offer different kinds of geographic identification.

Files and Subsamples

The entire one-in-a-hundred sample is contained on 30 tapes, each of which is designated as a file. Records are organized within State. The list of files is contained on page 3. Many of the files consist of records for more than one State in the same geographic division. Larger States may require more than one reel of tape. Any of the files may be purchased separately.

Many users will not require a sample so large as one-in-a-hundred. A one-in-a-thousand sample (a random subsample of 1/10 of the records in the primary sample) is available as a 3-tape file for the U.S., and a one-in-a-ten-thousand sample (a subsample of 1/100 of the primary sample) is available as a one-tape file. Alternatively, a user may himself select random subsamples of desired size from the one-in-a-hundred sample using the 2-digit subsample number (Item H93-94). Subsampling is further discussed in Section IV.

Subsamples for a particular subgroup of the population, such as a subfile of Negro families, may be drawn by the user or purchased on a special order basis from the Bureau of the Census.

File Structure

The files consist of 120-character records in which all information is recorded as numeric codes. There are two record types for: (1) households and (2) persons. Each household record is followed by a variable number of person records, i.e., one for each of its members.

^{1/} Persons in Group Quarters are sampled on a person-by-person basis. No vacant units are included in the sample (1970 Samples will contain vacant units).

TABLE A

Interrelationship Between Items H9, H10, and H11 in Public Use Samples, State Version, 1970 and 1960

All Detail Provided	Partial Detail								
	1	2	3	4	5	6	7	8	9
Urban/Rural									
Metro	urban								
Non-Metro	rural								
Central City									
Non-Central City									
1970 Alabama California Florida Georgia Illinois Indiana Massachusetts Michigan Missouri New Jersey New York North Carolina Ohio Pennsylvania Tennessee Texas Virginia Washington Wisconsin District of Columbia	S.C.	Arizona	Idaho Maine Montana N. Hamp. N.D. S.D.	Conn. Maryland	Colorado Kansas Kentucky Louisiana Minnesota Oklahoma Oregon	Arkansas Iowa Mississippi Nebraska N. Mexico W. Virginia	Hawaii Rhode Island Utah	Delaware Nevada	Alaska Vermont Wyoming
1960 Add Connecticut Idaho	N.C.		Arizona Colorado N. Mexico Mississippi		Missouri Wisconsin	Oklahoma		N.D.	
Delete Missouri Wisconsin North Carolina		Arizona	N.D. Idaho	Conn.	Oklahoma Colorado	N. Mexico Mississippi			

-111-

H9 = Urban/Rural Detail, H10 = Metro/Non-Metro Detail (urban/rural), H11 = Central City/Non-Central City

1960 Census Forms

Certain items of information about housing units, such as stories and elevators in structure, were collected only inside large cities (form PH-4); others such as sewage disposal, only outside large cities (form PH-3). Reported tabulations of these items must account for the restriction of the universe.

Furthermore, some of the housing items were obtained for a 5-percent sample of all housing units (1/5 of this file) while other items were obtained for the remaining 20-percent of the housing units within the 25-percent sample (4/5 of this file).^{2/} For these items the self-weighting procedure must be modified. The uninflated total for a 20-percent item should be multiplied by 125 and a 5-percent item uninflated total should be multiplied by 500 to estimate the value for the population.

Allocations

Any large collection of data inevitably suffers to some extent from missing data in its basic records, resulting from incomplete questionnaires, inconsistent information (e.g., a two-year-old listed as the head of household), or simply a malfunction in converting the data into machine-readable form. All census returns are edited to identify inconsistencies and nonresponses, usually resulting in the imputation of likely values. Where possible, unknown or inconsistent information for a person is allocated based on known characteristics. For some items, such as place of birth or mother tongue, allocation is not appropriate, and a "not reported" category appears in the record.

Where all characteristics of a person or household must be supplied, the record of a nearby person or household is duplicated and substituted for the missing record. More detailed information on editing and allocation may be found in the 1960 Censuses of Population and Housing: Procedural History.^{3/}

As a result of the editing, all data fields in Public Use Samples will contain either a valid entry or a "not applicable" or "not reported" indicator. Items P94 thru P103 of this file are flags which indicate whether a particular data item has been allocated for the individual. Thus, a user desiring to tabulate only actually observed values can eliminate those cases with allocations.

Comparability to the 1970 Public Use Samples

Information obtained in 1960 was substantially the same as on the 1970 sample questionnaires. The records in this sample have been designed to parallel 1970 Public Use Sample records in format and code structure insofar as possible. Thus experience in manipulating this sample should be easily transferable to work with the 1970 Samples.

^{2/} See also Principle Data-Collection Forms and Procedures, U.S. Bureau of the Census. U.S. Government Printing Office, Washington, D. C., 1961.

^{3/} U.S. Bureau of the Census, 1960 Censuses of Population and Housing: Procedural History. U.S. Government Printing Office, Washington, D.C., 1966, pp. 81-84.

The following Tables B and C list the items in the 1960 Public Use Sample with notations where the 1970 Samples will differ. Since the 1970 Census asked certain questions not on the 1960 form the fields for that data are padded with blanks on this record or substituted with an item unique to the 1960 Census. On most of the subject matter available on both 1960 and 1970 Samples the codes for an attribute are exactly the same. In some cases, more detailed information will be available from 1970 data; thus corresponding 1960 items may miss certain categories.^{4/}

Sampling of particular cases was done independently of the 1970 Samples, and no longitudinal comparisons for particular households are possible.

^{4/} For more details on comparability of the 1960 and 1970 Public Use Samples, see 1970 Census Technical Bulletins No. 11 (September 1972), "Focus on the 1960/1970-Compatible Public Use Sample," pp. 1 - 14. Single copy free from the Clearinghouse and Laboratory for Census Data, Rosslyn, Virginia.

T A B L E B

ITEMS ON PUBLIC USE SAMPLE HOUSEHOLD RECORD

Character	1960 PUS	1970 PUS 15% Sample	1970 PUS 5% Sample
H1-13	File identification, household serial number, geographic identification, number of persons in household	Same	Same
H14-15	Residence in Group Quarters	Units at Address	Same as 1970 15%
H16	✓	Vacancy Status	Same as 1970 15%
H17	✓	Duration of Vacancy	Same as 1970 15%
H18	Telephone Available	Same	Same
H19	Access to Unit	Same	Same
H20	Kitchen Facilities	Complete Kitchen Facilities	Same as 1970 15%
H21	Number of Rooms	Same	Same
H22	Hot and Cold Piped Water	Same	Same
H23	Flush Toilet	Same	Same
H24	Bathtub or Shower	Same	Same
H25	Plumbing Facilities	Same	Same
H26	Basement	Same	Same
H27	Tenure	Same	Same
H28	Commercial Use	Same	Same
H29-30	Value	Same	Same
H31-33	Contract Rent	Same	Same
H34-36	Gross Rent	Same	Same
H37	Rent Includes Farmland	Electricity	Same as 1970 15%
H38	Report Form	) Electricity Cost	Same as 1970 15%
H39	Housing Quality		Same as 1970 15%
H40	✓	Gas	Same as 1970 15%
H41	✓	) Gas Cost	Same as 1970 15%
H42	✓		Same as 1970 15%
H43	✓	Water	Same as 1970 15%
H44	✓	) Water Cost	Same as 1970 15%
H45	✓		Same as 1970 15%
H46	✓		Same as 1970 15%
H47	✓	Fuel	Same as 1970 15%
H48	✓	) Fuel Cost	Same as 1970 15%
H49	✓		Same as 1970 15%
H50	✓		Same as 1970 15%

Table B - Continued

Character	1960 PUS	1970 PUS 15% Sample	1970 PUS 5% Sample
H51	Heating Equipment	Same	Same
H52	Year Structure Built	Same	Same
H53	Units in Structure	Same	Same
H54	Location of Structure	Same	Same
H55	Sales of Farm Products	Same	Same
H56	Source of Water	Same	Number of Stories
H57	Sewage Disposal	Same	Elevator
H58	Number of Bathrooms	Same	Cooking Fuel
H59	Air Conditioning	Same	House Heating Fuel
H60	Automobile	Same	Water Heating Fuel
H61	Bedrooms	∅	Bedrooms
H62	Washing Machine	∅	Washing Machine
H63	Clothes Dryer	∅	Clothes Dryer
H64	Stories and Elevator	∅	Dishwasher
H65	Food Freezer	∅	Food Freezer
H66	Television	∅	Television
H67	House Heating Fuel	∅	UHF Television
H68	Radio	∅	Battery Radio
H68	∅	∅	Second Home
H70	Household Type Recode	Same	Same
H71	Race of Head	Same	Same
H72-73	Age of Head	Same	Same
H74	Spanish Surname Head	Same	Same
H75	∅	Spanish-American Head Recode	Spanish Descent Head
H76	Persons Under 18 in Household	Same	Same
H77	Related Children Under 18	Same	Same
H78	Related Children Under 6	Same	Same
H79	Persons 65+	Same	Same
H80	Persons 60+	Same	Same
H81	Roomers, Boarders or Lodgers	Same	Same
H82	Nonrelatives	Same	Same
H83	Other Relatives	Same	Same
H84	Persons per Room	Same	Same
H85-87	Family Income	Same	Same

Table B - Continued

Character	1960 PUS	1970 PUS 15% Sample	1970 PUS 5% Sample
H88	Rent/Income	Same	Same
H89	Value/Income	Same	Same
H90	Year Moved into Unit (Head)	Same	∅
H91	Puerto Rican Stock (Head)	Same	∅
H92	∅	Spanish Mother Tongue (Head)	∅
H93-94	.01 Subsample Number	Same	Same
H95	∅	Allocation Item	Allocation Item
H96	∅	Allocation Item	Allocation Item
H97	∅	Allocation Item	Allocation Item
H98	∅	Allocation Item	Allocation Item
H99	∅	Allocation Item	Allocation Item
H100	∅	Allocation Item	Allocation Item
H101	∅	Allocation Item	Allocation Item
H102	∅	Allocation Item	Allocation Item
H103	∅	Allocation Item	Allocation Item
H104	∅	Allocation Item	Allocation Item
H105	∅	Allocation Item	Allocation Item
H106	∅	Allocation Item	Allocation Item
H107	∅	Allocation Item	Allocation Item
H108	∅	Allocation Item	Allocation Item
H109	∅	Allocation Item	Allocation Item
H110	∅	Allocation Item	Allocation Item
H111	∅	Allocation Item	Allocation Item
H112	∅	Allocation Item	Allocation Item
H113	∅	Allocation Item	Allocation Item
H114	∅	Allocation Item	Allocation Item
H115	∅	Allocation Item	Allocation Item
H116	∅	Allocation Item	Allocation Item
H117	∅	Allocation Item	Allocation Item
H118	∅	Allocation Item	Allocation Item
H119	∅	Allocation Item	Allocation Item
20	Record Type Indicator (=7)	Same (=1)	Same (=2)

-ix-
T A B L E C

ITEMS ON PUBLIC USE SAMPLE PERSON RECORD

Character	1960 PUS	1970 PUS 15% Sample	1970 PUS 5% Sample
P1	Basic Relationship	Same	Same
P2	Detailed Relationship	Same	Same
P3	Subfamily Number	Same	Same
P4-5	Type of Group Quarters	Same	Same
P6	Sex	Same	Same
P7	Race	Same	Same
P8	Spanish Surname	Same	Same
P9-11	Age	Same	Same
P12	Quarter of Birth	Same	Same
P13	Marital Status	Same	Same
P14	Place of Birth Recode	Same	Same
P15-16	Place of Birth	Same	Same
P17-18	Highest Grade Attended	Same	Same
P19	Finished Grade	Same	Same
P20-21	Children Ever Born	Same	Same
P22	Hours Worked	Same	Same
P23	Year Last Worked	Same	Same
P24-26	Current Industry	Same	Same
P27-29	Current Occupation	Same	Same
P30	Class of Worker	Same	Same
P31	Employment Status Recode	Same	Same
P32	∅	Working 5 Years Ago	Same as 1970 15%
P33	∅	Armed Forces 5 Years Ago	Same as 1970 15%
P34	∅	College 5 Years Ago	Same as 1970 15%
P35	Worked Last Year	Same	Same
P36	Weeks Worked	Same	Same
P37-39	Earnings: Wages	Same	Same
P40-42	Earnings: Business or Farm	Earnings: Business	Same as 1970 15%
P43-45	∅	Earnings: Farm	Same as 1970 15%
P46-48	∅	Social Security Income	Same as 1970 15%
P49-51	∅	Welfare Income	Same as 1970 15%
P52-54	Other Income	Same	Same

- continued

ser	1960 PUS	1970 PUS 15% Sample	1970 PUS 5% Sample
	Chief Income Recipient	Same	Same
	Person's Total Income	Same	Same
	⌘	Poverty Recode	Same as 1970 15%
	⌘	Poverty Cutoff	Same as 1970 15%
3	Persons in Family & Subfamily	Same	Same
	Subfamily Relationship	Same	Same
	Type of Subfamily	Same	Same
	Family Unit Membership	Same	Same
	Family Type Recode	Same	Same
59	Family Relationship Summary	Same	Same
	Nativity & Parentage	Same	Spanish Descent Recode
	) Country of Origin	Same	Spanish Descent
		Same	Citizenship
.74	Mother Tongue	Same	Year of Immigration
	Year Moved In	Same	Times Married
	Residence 5 Years Ago	Same	How Marriage Ended
-78	Age at First Marriage	State or Country of Residence 5 Years Ago	Age at First Marriage
9	Public or Private School	Same	Quarter of First Marriage
0	Veteran Status	Same	Vocational Training
1	⌘	Veteran of Vietnam	Field of Training
:2	Veteran of Korean War	Same	Disability
33	Veteran of World War II	Same	Prevent Any Work
34	Veteran of World War I	Same	Duration of Disability
35	Service Any Other Time	Same	) State of Residence) 5 Years Ago
36	Place of Work: SMSA	Same	
.37-88	⌘	⌘	) Industry 5 Years Ago
89	Place of Work: State			Same
90	Means of Transportation to Work	Same	) Occupation 5 Years Ago
{1}	Puerto Rican Stock	Same	
P92	⌘	Spanish Mother Tongue)

Table C - Continued

Character	1960 PUS	1970 PUS 15% Sample	1970 PUS 5% Sample
P93	∅	Spanish Recode	Class of Worker 5 Years Ago
P94	Times Married	∅	∅
P95	Quarter of First Marriage	∅	∅
P96	Metro Res 5 Years Ago	Same	∅
P97-103	∅	∅	∅
P104	Allocations	Substitution	Substitution
P105	Allocations	Allocations	Allocations
P106	Allocations	Allocations	Allocations
P107	Allocations	Allocations	Allocations
P108	Allocations	Allocations	Allocations
P109	Allocations	Allocations	Allocations
P110	Allocations	Allocations	Allocations
P111	Allocations	Allocations	Allocations
P112	Allocations	Allocations	Allocations
P113	Allocations	Allocations	Allocations
P114	Allocations	Allocations	Allocations
P115	Allocations	Allocations	Allocations
P116-119	∅	Allocations	Allocations
P120	Record Type Indicator (=8)	Same (=3)	Same (=4)

II. Technical Conventions for the 1960 Public Use Sample Tape

A. Technical Characteristics of Magnetic Tape Recording

Characteristics	Type of Tape	
	IBM Compatible 7-Track	IBM Compatible 9-Track
1. Computer on which file originally prepared	UNIVAC 1107/08 IBM 360/40	IBM 360/40
2. Computer on which user's tape copy created	IBM 360/65	IBM 360/65
3. Tape width, reel size, and tape length	.5 inch; 10.5 inch diameter; maximum 2,400 foot length	.5 inch; 10.5 inch diameter; maximum 2,400 foot length
4. Recording mode	NRZI (non-return to zero)	NRZI (non-return to zero)
5. Language	Binary Coded Decimal (BCD)	Extended Binary Coded Decimal Interchange Code (EBCDIC) ^{1/}
6. Density	556 or 800 CPI	800 or 1600 CPI
7. Parity	Even	Odd
8. Recorded tape representation	One 6-bit character per tape frame	One 8-bit character (byte) per tape frame
9. Interblock Spacing	.75 inch	.6 inch
10. Logical Record Size	120 characters	120 characters
11. Blocking factor or physical record size	1800 characters (A physical record is composed of fifteen 120-character logical records)	1800 characters (A physical record is composed of fifteen 120-character logical records)
12. Field Size	1 to 5 characters depending on the item reported.	1 to 5 characters depending on the item reported.
13. Labels ^{2/}	Standard IBM OS labels or unlabeled	Standard IBM OS labels or unlabeled

^{1/}The Census Bureau will provide IBM 9-track tapes in USA Standard Code for Information Interchange (USASCII or ASCII). DUALabs does not provide this language.

^{2/}The labels provided on Census Bureau tapes are not completely identical to standard IBM OS labels.

Data Fields

Data fields in Public Use Sample files vary in size from 1 to 5 characters, depending on the codes to be represented. Each logical record type has a unique format, all fields contain integers only. The character set is limited to the 10 digits, minus sign and blank.

Padding

All Public Use Sample logical records have a uniform 120-character length. This length is dictated by the contents of the records in the 1970 Public Use Samples. In order to maintain a maximum degree of comparability between the 1960 and 1970 files, 1960 data items are in the same form and location as their 1970 counterparts. Where 1970 data items are unique the 1960 files are padded with blanks or occasionally contain substitute items.

In order to fill up the last 1800-character block on the file, 120-character records were added that do not represent real cases but are simply filled with zeroes. Hence, the last ten records on the 1/10,000 file (out of 23,760 records in all) are zero records added to fill up the block. Similarly, in the 1/1,000 file, 21 records are filled with zeroes (out of 237,990 records in all). These are the last eight records in the file plus the 91,503 record through 91,515 records. Users should be sure to exclude these records from analysis. The 1/100 file has not yet been documented.

Suppression

There is nothing on Public Use Sample files which may require suppression in the same sense as the term applies to the summary tapes available for public use. Protection of confidentiality is fully assured in the design of the sample records.

C. Conventions for Header and Trailer Labels

Header and Trailer Labels

Header and trailer labels on DUALabs 1960 Public Use Sample tape copies are standard IBM OS labels.

Header and trailer labels on Census Bureau 1960 Public Use Sample tape copies conform to the "Proposed USA Standard, MAGNETIC TAPE LABELS FOR INFORMATION INTERCHANGE," printed and circulated by the United States of America Standards Institute on July 18, 1968. It should be noted that the proposed standard is similar to, but not identical to, the IBM "standard" label.

Labels are classified into two required types. The required label types are "Volume" labels, where "Volume" coincides with a physical tape reel, and "File" labels, where a "File" has the normal meaning of a collection of related data records, more than or less than one reel.

A label is always an 80-character physical record.

In the convention for Public Use Sample tapes, labels are restricted to the following:

1. One Volume Header (VOL1) at the beginning of each physical tape reel following the load point.
2. Two File Headers (HDR1, 2) at the beginning of each file, and at the beginning of each subsequent volume (reel) of a file.
3. Two Volume Trailers (EOV1, 2) if the reel is not the last in a multi-reel file, or is not the only reel in a file.
4. Two File Trailers (EOF1, 2) at the end of the file. If the reel is the only reel in a file, or the last reel in a file only File Trailers are used.

The sequence of groups of labels is as follows:

1st of 2 tapes, one file:

```
VOL1 HDR1 HDR2 *-----data-----* EOV1 EOV2**
```

2nd of 2 tapes, one file:

```
VOL1 HDR1 HDR2 *-----data-----* EOF1 EOF2**
```

* = Tape Mark

The rules for tape mark are:

1. One tape mark separates labels and data, occurring after all labels which precede data, and before all labels which follow data.
2. Two tape marks appear at the end of tape after EOV or EOF records.
3. If a file ends within a volume and another file is to be written on that volume, then one tape mark both precedes and follows the end of file labels; the next file headers appear and are separated from their data by a tape mark.

Label Content:

The following section on File Label Formats describes the contents of the standard IBM OS labels produced on DUALabs Public Use Sample tape copies, including the few variable fields inserted by the operator at the time of creation.

Unlabeled DUALabs Public Use Sample Tape Copies

1960 Public Use Sample tape copies produced by DUALabs without labels simply contain data followed by a tape mark.

File Label Formats

Volume Header Label

<u>Field</u>	<u>Name</u>	<u>Field Length in Characters</u>	<u>Description</u>
1	Label Identifier	3	"VOL"
2	Label Number	1	"1"
3 ^{6/}	Tape Physical Number	6	Six alphanumeric characters assigned to identify the physical reel of tape; should agree with external visual identification
4	----	70	Spaces

-Inter-record gap-

First File Header Label

<u>Field</u>	<u>Name</u>	<u>Field Length in Characters</u>	<u>Description</u>
1	Label Identifier	3	"HDR"
2	Label Number	1	"1"
3	File Identifier (File Identifier for 1/100 files: xxxxxyybbbbbbb) where xxxxxx = variable alphabetic characters and yy = file number as listed on page 3; File Identifier for 1/1000 files: ONE1000Xbbbbbbb; File Identifier for 1/10,000 file: ONE10000bbbbbbb)	17	Alphanumeric unique name for file. This field is recorded as follows: eight characters, the first of which must be a letter, with the remaining seven either letters or numbers followed by nine spaces. Example: MASSRIX1 bbbbbbbbbb
4	----	10	Spaces
5	File Sequence Number	4	Numeric. Denotes the sequence (i.e., 001, 002, etc.) of files within the volume or set of volumes. In all the labels of this type for a given file, this field will contain the same number.

^{6/}Field content is variable and inserted by operator at the time of creation of the tape file.

First File Header Label (Continued)

<u>Field</u>	<u>Name</u>	<u>Field Length in Characters</u>	<u>Description</u>
6	----	12	Spaces
7	Expiration Date	6	Entered as "999365" or December 31, 1999.
8	Accessibility	1	Space: unlimited access.
9	Block Count	6	"000000"
10	----	20	Spaces

-Inter-record gap-

Second File Header Label

<u>Field</u>	<u>Name</u>	<u>Field Length in Characters</u>	<u>Description</u>
1	Label Identifier	3	"HDR"
2	Label Number	1	"2"
3	Record Format	1	"F": fixed length.
4	Block Length (Physical record)	5	"01800"
5	Record Length	5	"00120"
6	Recording Density	1	"1": 556 "2": 800 "3": 1600
7	File Position	1	Identifies condition that caused creation of label. "0": if HDR and OPEN; if trailer and CLOSE. "1": if created because of EC
8	----	17	Spaces
9	Tape Recording	2	"ET": even parity (7-track tape only). "99": for 9-track tape.

Second File Header Label (Continued)

<u>Field</u>	<u>Name</u>	<u>Field Length in Characters</u>	<u>Description</u>
10	Printer Control	1	Space: no control characters.
11	----	1	Reserved - Space
12	Block Attribute	1	"B"
13	----	41	Spaces
		- Tape Mark - Data - Tape Mark -	

(Data and tape mark are followed by either the two End-of-File labels or the two End-of-Volume labels shown here.)

First End-of-File Label

<u>Field</u>	<u>Name</u>	<u>Field Length in Characters</u>	<u>Description</u>
1	Label Identifier	3	"EOF"
2	Label Number	1	"1"
3-8	Same as corresponding fields in HDR1	50	
9	Block Count	6	Numeric. Indicates number of data blocks (exclusive of labels and tape marks) since the preceding HDR label group.
10	Same as corresponding field in HDR1	20	

-Inter-record gap-

Second End-of-File Label

<u>Field</u>	<u>Name</u>	<u>Field Length in Characters</u>	<u>Description</u>
1	Label Identifier	3	"EOF"
2	Label Number	1	"2"
3-13	Same as corresponding fields in HDR2	76	

First End-of-Volume Label

<u>Field</u>	<u>Name</u>	<u>Field Length in Characters</u>	<u>Description</u>
1	Label Identifier	3	"EOV"
2	Label Number	1	"1"
3-8	Same as corresponding fields in HDR1 of current file	50	
9	Block Count	6	Numeric. Number of data blocks since the preceding HDR label group.
10	Same as corresponding field in HDR1	20	

-Inter-record gap-

Second End-of-Volume Label

<u>Field</u>	<u>Name</u>	<u>Field Length in Characters</u>	<u>Description</u>
1	Label Identifier	3	"EOV"
2	Label Number	1	"2"
3-13	Same as corresponding fields in HDR2	76	

Character Set

Character Conversion Chart

Conversion Code for 43 Characters in ASCII, BCD, and EBCDIC

<u>Character graphic</u>	<u>ASCII</u> ^{7/}	<u>BCD</u> ^{8/} (<u>octal</u>) ^{10/}	<u>EBCDIC</u> ^{9/} (<u>hexadecimal</u>) ^{11/}
blank (space)	20	20 ^{12/}	40
. (minus)	2D	40	60
0	30	12	F0
1	31	01	F1
2	32	02	F2
3	33	03	F3
4	34	04	F4
5	35	05	F5
6	36	06	F6
7	37	07	F7
8	38	10	F8
9	39	11	F9
(comma)	2C	33	6B
(period)	2E	73	4B
A	41	61	C1
B	42	62	C2
C	43	63	C3
D	44	64	C4
E	45	65	C5
F	46	66	C6
G	47	67	C7
H	48	70	C8
I	49	71	C9
J	4A	41	D1
K	4B	42	D2
L	4C	43	D3
M	4D	44	D4
N	4E	45	D5
O	4F	46	D6
P	50	47	D7
Q	51	50	D8
R	52	51	D9

^{7/}The Census Bureau will provide IBM 9-track tapes in USA Standard Code for Information Interchange (USACII or ASCII). DUALabs does not provide tapes in this language.

Character Conversion Chart - Continued

Conversion Code for 43 Characters in ASCII, BCD, and EBCDIC

<u>Character</u> <u>graphic</u>	<u>ASCII</u> ^{7/}	<u>BCD</u> ^{8/} <u>(octal)</u> ^{10/}	<u>EBCDIC</u> ^{9/} <u>(hexadecimal)</u> ^{11/}
S	53	22	E2
T	54	23	E3
U	55	24	E4
V	56	25	E5
W	57	26	E6
X	58	27	E7
Y	59	30	E8
Z	5A	31	E9
\$ (dollar)	24	53	5B
* (asterisk)	2A	54	5C
/ (slash or virgule)	2F	21	61

^{8/}This is a 6-bit code known as binary coded decimal, used originally in earlier model IBM computers and peripheral devices.

^{9/}This is an 8-bit code, known as extended binary coded decimal interchange code, which originated with IBM Systems 360.

^{10/}In the octal representation of each 6-bit code the three high order bits are represented in the most significant digit of the octal code, and the three low order bits are represented in the least significant digit of the octal code. The range of each octal digit is 0-7.

^{11/}In the hexadecimal representation of the 8-bit code, the four most significant bits are represented in the most significant position of the hexadecimal code, and the four least significant bits are represented in the least significant position of the hexadecimal code. The value range of each hexadecimal character is 0-15, where the values 10, 11 - - - 15 are defined by the letters A, B - - - F, respectively.

^{12/}Octal 20 for blank, in BCD, appears only on tape. Internally this code is 00 and the difference between the internal and external representations is handled automatically by the hardware. Where BCD is generated internally in the UNIVAC 1107 or 1108, and written to tape without the hardware translation, the octal 20 must be created in core.

III. Description of Contents of the 1960 Public Use Sample Records

The following section describes the contents of the 1960/70-Compatible Public Use Sample household and person records.

In this documentation the numeric identification of a particular data item is the same as its character location within the 120-character records. Items on the household record are prefixed with an H, population items with a P. Thus, Current Occupation, item P27-29, is a three-digit code beginning in character 27 of the person record.

Data Descriptors and Marginal Control Totals

Listed under the item name in this section is also a DUALabs Data Descriptor Name (in all caps) which can be used with DUALabs' PUSH and CENTS-AID programs and also with the Statistical Package for the Social Sciences. The marginal control totals for each data value based on the 1/1,000 and 1/10,000 1960 Public Use Sample files are listed in Section V.

Reference

See Census Users' Dictionary of the 1970 Census Users' Guide, for definitions of the subject concepts listed in the household and person records. Dictionary references are listed under item name in Section III. The numbers refer to relevant dictionary concepts. Relevant Public Use Sample Documentation and the Census Users' Dictionary as well as further explanations of the census variables are also found in the 1970 Public Use Sample Technical Documentation.

¹/U.S. Bureau of the Census, 1970 Census Users' Guide, Part I.
U.S. Government Printing Office, Washington, D.C., 1970.

HOUSEHOLD RECORD

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
H1	File Identifier FILEID	6	This file contains records of the public use sample of basic records from the 1960 Census.
H2-6	Household Serial Number HOUSENO	00000 - 99999	Serial number for each household or person in group quarters, unique within each State.
H7-8	State of Residence STATERES	00 - 99	The State Code List is given on page 14.
H9	Urban/Rural Residence URBANRES Dict: 16	0 1 2	Urban Rural Not Applicable (NA), distinction violates 250,000 criterion (Alaska, Del., Hawaii, Nev., N.D., R.I., Utah, Vt., Wyo.)
H10	Metropolitan/ Nonmetropolitan Residence METRORES Dict.: 18	0 1 2	Metropolitan (inside an SMSA) Nonmetropolitan (outside SMSA's) NA, distinction violates 250,000 criterion (Ariz., Colo., Del., Hawaii, Maine, Miss., Mont., Nev., N.H., N.M., N.D., R.I., S.D., Utah. The NA code will be given in the rural parts of the following States but with codes 0 and 1 given in the urban part: Ark., Iowa, Kan., Ky., La., Minn., Mo., Nebr., Okla., Ore., W.Va., Wis. Rural Md. will be identified as metro or nonmetro; urban Md. will not.)
H11	Central City/ Non-Central City Residence CITYRES Dict.: 18.1	0 1 2	In central city of an SMSA Not in a central city (including nonmetropolitan area) NA, distinction violates 250,000 criterion (Ariz., Ark., Colo., Del., Iowa, Maine, Miss., Mont., Nebr., Nev., N.H., N.M., N.C., N.D., Okla., S.C., S.D., W.Va.)

Codes for
States of the United States
and the District of Columbia

The following codes are in accordance with the Federal Information Processing Standard 5, dated November 1, 1968:

Code	Name	Code	Name
01	Alabama	29	Missouri
02	Alaska	30	Montana
04	Arizona	31	Nebraska
05	Arkansas	32	Nevada
06	California	33	New Hampshire
08	Colorado	34	New Jersey
09	Connecticut	35	New Mexico
10	Delaware	36	New York
11	District of Columbia	37	North Carolina
12	Florida	38	North Dakota
13	Georgia	39	Ohio
15	Hawaii	40	Oklahoma
16	Idaho	41	Oregon
17	Illinois	42	Pennsylvania
18	Indiana	44	Rhode Island
19	Iowa	45	South Carolina
20	Kansas	46	South Dakota
21	Kentucky	47	Tennessee
22	Louisiana	48	Texas
23	Maine	49	Utah
24	Maryland	50	Vermont
25	Massachusetts	51	Virginia
26	Michigan	53	Washington
27	Minnesota	54	West Virginia
28	Mississippi	55	Wisconsin
		56	Wyoming

Note: The following codes are reserved for possible future use in identifying American Samoa (03), Canal Zone (07), Guam (14), Puerto Rico (43), and Virgin Islands (52).

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
H12-13	Total Number of Person Records Following this Household Record NPERSON Dict.: 157	01 to 30	Number of persons in housing unit (01 in the case of a group quarters person. There are no vacant household records on this file.)
H14-15	Residence in Group Quarters (G.Q.) GROUPRES Dict.: 151	00 ^{2/} 11 ^{2/}	Not Group Quarters Group Quarters
H16-17	Not Used		
H18	Telephone Available PHONE Dict.: 193	0 1 2	Yes No NA (G.Q.) ^{3/}
H19	Access to Unit ENTRANCE Dict.: 152	0 1 2	Direct from outside or through common or public hall Through someone else's living quarters NA (G.Q.)
H20	Presence of Kitchen or Cooking Facilities KITCHEN Dict.: 153	0 1 ^{2/} 3 ^{2/}	Exclusive use Shared or none NA (G.Q.)
H21	Number of Rooms NROOM Dict.: 174	0 1 2 3 4 5 6 7 8 9	1 room 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms 8 rooms 9 rooms or more NA (G.Q.)

^{2/}The missing codes--01 thru 10 on H14-15, 2 on H20, and elsewhere in this documentation have been reserved for the more detailed codes on the 1970 Public Use Samples.

★ ^{3/}Group Quarters. Note that no substantive information appears on the household record relevant to group quarters between H16 and H92. H93-94 designates 1% subsamples of this file.

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
H22	Presence of Hot and Cold Piped Water HOTWATER Dict.: 181	0	Yes
		1	No, only cold piped water
		2	No piped water
		3	NA (G.Q.)
H23	Flush Toilet TOILET Dict.: 177	0	Yes, for this household only
		1	Yes, but also used by another household
		2	No flush toilet
		3	NA (G.Q.)
H24	Bathtub or Shower SHOWER Dict.: 178	0	Yes, for this household only
		1	Yes, but also used by another household
		2	No bathtub or shower
		3	NA (G.Q.)
H25	Plumbing Facilities Recode PLUMBING Dict.: 176	0	With all plumbing facilities
		1	Without plumbing facilities (lacking hot water only)
		2	Without plumbing facilities (lacking other plumbing facilities)
		3	NA (G.Q.)
H26	Basement (20% sample) BASEMENT Dict.: 170	0	With a basement
		1	On a concrete slab
		2	Built in another way (includes mobile homes and trailers)
		3	NA (5% form)
		4	NA (G.Q.)
H27	Tenure TENURE Dict.: 161	0	Owned or being bought (including cooperative or condominium)
		2	Rented for cash rent
		3	No cash rent
		4	NA (G.Q.)
H28	Commercial Use (for de- termination of value universe) OTHERUSE Dict.: 166	0	1 unit, with business (owner occupied only)
		2	1 unit, no business
		3	NA (multiple unit, renters, rural farm, mobile home, G.Q., and rural nonfarm units with 10 or more acres)

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>	
H29-30	Value of Property	00	Under \$5,000	
	for Specified	01	\$5,000 - \$7,400	
	Owner Units	02	\$7,500 - \$9,900	
	HOUSVALU	03	\$10,000 - \$12,400	
	Dict.: 166 ^{4/}		04	\$12,500 - \$14,900
			05	\$15,000 - \$17,400
			06	\$17,500 - \$19,900
			07	\$20,000 - \$24,900
			08	\$25,000 - \$34,900
			09	\$35,000 - or more
			11	NA (Not owner occupied, trailer, units with business, multiple units, G.Q., rural farm, and rural nonfarm with 10 or more acres.)
H31-33	Contract	000	None	
	Monthly Rent	001	\$1 - \$19	
	for Specified	002	\$20 - \$29	
	Renter Units	003	\$30 - \$39	
	CONTRENT	004	\$40 - \$49	
	Dict.: 167.1 ^{5/}		005	\$50 - \$59
			006	\$60 - \$69
			007	\$70 - \$79
			008	\$80 - \$99
			009	\$100 - \$119
			010	\$120 - \$149
			011	\$150 - \$199
			012	\$200 - or more
		013	NA (Not renter occupied, no cash rent, G.Q., or rural farm.)	

^{4/}Value Universe: The Census Users' Dictionary concept 166 describes the value universe for 1970 tabulations. The 1960 value universe includes units with medical office, cooperatives and condominiums, and places of 10 or more acres outside of rural areas which were excluded in 1970. It excludes farms of less than 10 acres which were included in 1970.

^{5/}Rent Universe: The Census Users' Dictionary concept 16 describes the rent universe used for 1970 tabulations. The 1960 rent universe excludes units on farms less than 10 acres, and multifamily structures on all farms which were included in 1970. It includes single-family units on nonfarm places of 10 or more acres which were excluded in 1970.

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
H34-36	Gross Monthly Rent for Speci- fied Units GROSRENT Dict.: 167.2	000	None
		001	\$1 - \$19
		002	\$20 - \$29
		003	\$30 - \$39
		004	\$40 - \$49
		005	\$50 - \$59
		006	\$60 - \$69
		007	\$70 - \$79
		008	\$80 - \$99
		009	\$100 - \$119
		010	\$120 - \$149
		011	\$150 - \$199
		012	\$200 - or more
		013	NA (Not renter occupied, no cash rent, G.Q., or rural farm.)
H37	Rent Includes Land Used for Farming (PH3) LANDRENT Dict.: 154.21	0	Yes
		1	No
		3	NA (PH4)
		4	NA (Not in rent universe or no cash rent)
H38	Report Form ^{6/} REPOTYPE	0	20% Sample, form PH3
		1	20% Sample, form PH4
		2	5% Sample, form PH3
		3	5% Sample, form PH4
		4	NA (G.Q.)
H39	Condition of Housing HOUSCOND Dict.: 204	0	Sound
		1	Deteriorating
		2	Dilapidated
		3	NA (G.Q.)
H40-50	Not used		
H51	Heating Equipment HEATING Dict.: 183	0	Steam or hot water
		1	Central warm air furnace (excluding central heat pumps)
		2	Built-in electric unit (in- cluding central heat pumps)
		3	Floor, wall or pipeless furnace
		4	Other means, with flue (in- cluding fireplaces and stoves with flue)
		5	Other means, no flue (including stoves or heaters without flue such as portable heaters)
		7	Not heated
		8	NA (G.Q.)

^{6/} Questions on PH3 were asked only outside large cities, and questions on PH4 were asked only inside large cities (places 50,000 or more).

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
H52	Year Structure	0	1959 or 1960
	Built	1	1955 - 1958
	BUILTYR	2	1950 - 1954
	Dict.: 173	3	1940 - 1949
		4	1930 - 1939
		5	1929 - or earlier
		6	NA (G.Q.)
H53	Units in	0	1 unit, detached
	Structure	1	1 unit, attached
	(20% sample)	2	2 units
	NUNITS	3	3 - 4
	Dict.: 169	4	5 - 9
		5	10 - 19
		6	20 - 49
		7	50 - or more
		8	Mobile home or trailer
	9	NA (G.Q. or 5% form)	
H54	Location of	0	On a city lot
	Structure (for	1	On a place of less than 10 acres
	definition of	2	On a place of 10 or more acres
	farms)	3	NA (PH4)
(PH3)	4	NA (G.Q.)	
	FARMLOCA		
	Dict.: 154.21		
H55	Sales of Farm	0	Less than 10 acres and
	Products		sales \$250 or more
	(PH3)	1	Less than 10 acres and sales
	FARMPROD		less than \$250
	Dict.: 154.21 ^{7/}	2	10 acres or more and
			sales \$50 or more
		3	10 acres or more and
		sales less than \$50	
	6	NA (On a city lot or PH4)	
	7	NA (G.Q.)	

^{7/}Farms: 1970 tabulations define a farm as a place of 10 acres with farm sales of \$50 or more, or as a place of less than 10 acres with farm sales of \$250 or more. 1960 tabulations also included as farms any lots for which the reported rent included land used for farming. This was not determined in 1970. In 1960 these items were determined only on PH3 which was used outside large urban areas.

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
H56	Source of Water (PH3, 20%) WATERSOU Dict.: 181	0	Public system
		1	Individual well
		2	Some other source
		3	NA (5% sample or PH4, 20%)
		4	NA (G.Q.)
H57	Sewage Disposal (PH3, 20%) SEWAGE Dict.: 182	0	Yes, connected to public sewer
		1	No, connected to septic tank or cesspool
		2	No, use other means
		3	NA (5% sample or PH4, 20%)
		4	NA (G.Q.)
H58	Number of Bathrooms (20% sample) NBATH Dict.: 180	0	No bathroom, or only a half bathroom
		1	1 complete bathroom
		2	1 complete bathroom, plus half bath(s)
		3	2 or more complete bathrooms
		6	NA (5% form)
		7	NA (G.Q.)
H59	Air Conditioning (5% sample) AIRCON Dict.: 193	0	1 room unit
		1	2 or more room units
		2	Central system
		3	No air conditioning
		4	NA (20% sample)
		5	NA (G.Q.)
H60	Automobile (PH3, 5% and PH4, 20%) NAUTO Dict.: 192	0	None
		1	1 automobile
		2	2 automobiles
		3	3 or more automobiles
		4	NA (5%, PH4; 20%, PH3)
		5	NA (G.Q.)
H61	Bedrooms (5%) NBEDROOM Dict.: 174.1	0	No bedroom
		1	1 bedroom
		2	2 bedrooms
		3	3 bedrooms
		4	4 or more bedrooms
		6	NA (20% form)
		7	NA (G.Q.)
H62	Clothes Washing Machine (5%) WASHER Dict.: 187	0	Automatic or semi-automatic or washer-dryer
		1	Wringer or separate spinner
		2	None
		3	NA (20% form)
		4	NA (G.Q.)

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Code</u>
H63	Clothes	0	Electrically heated clothes
	Dryer		dryer
	(5%)	1	Gas heated clothes dryer
	DRYER	2	None
	Dict.: 188	3	NA (20% form)
		4	NA (G.Q.)
H64	Stories and	0	3 stories or less
	Elevator	1	4 or more stories with elevator
	(PH4, 20%)	2	4 or more stories, walkup
	ELEVATOR	3	NA (5% sample or PH3, 20%)
	Dict.: 172	4	NA (G.Q.)
H65	Home Food	0	Yes
	Freezer	1	No
	(separate	2	NA (20% form)
	from refrigera-	3	NA (G.Q.)
	tor)		
(5%)			
FREEZER			
Dict.: 189			
H66	Television	0	1 set
	Set	1	2 or more sets
	(5%)	2	None
	TV	3	NA (20% form)
	Dict.: 194	4	NA (G.Q.)
H67	House Heating	0	Utility gas (from underground
	Fuel		pipes)
	(5%)	1	Bottled, tank, or LP gas
	HEATFUEL	2	Electricity
	Dict.: 184	3	Fuel oil, kerosene, etc.
		4	Coal or coke
		5	Wood
		6	Other fuel
		7	No fuel used
		8	NA (20% form)
	9	NA (G.Q.)	
H68	Radio	0	1 radio
	(5%)	1	2 or more radios
	RADIO	3	None
	Dict.: 195	4	NA (20% form)
		5	NA (G.Q.)
H69	Not used		

HOUSEHOLD SUMMARIES

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
H70	Household Type HOUSTYPE Dict.: 159.3,82,81	1	Husband-wife family
		2	Other family with male head
		3	Family with female head
		4	Male primary individual
		5	Female primary individual
		6	Group Quarters
H71	Head's Race HEADRACE Dict.: 159.2	0	White
		1	Negro
		2	Indian (Amer.)
		3	Japanese
		4	Chinese
		5	Filipino
		8	Other (including Hawaiian, Korean, Aleut, and Eskimo)
		9	NA (G.Q.)
		H72-73	Head's Age HEADAGE	14 to 99	14 to 99 years
00	100 or more		
01	NA (G.Q.)		
H74	Spanish Surname (Head) SPANISH Dict.: 64	0	White, Spanish surname
		1	Negro and other races (except white), Spanish surname
		2	Not Spanish surname
		3	NA (not one of the 5 Southwestern States)
		4	NA (G.Q.)
H75	Not used		
H76	Number of Persons Under 18 in Household TOTKID18 Dict.: 159.1	0 to 8	0 to 8 persons under 18
		9	9 or more (G.Q. assigned to 0)
H77	Number of Related Children Under 18 in Household (Son or Daughter or Other Relative) OTHKID18 Dict.: 84.2	0 to 8	0 to 8 related children under 18
		9	9 or more (G.Q. assigned to 0)

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
H78	Number of Re- lated Children Under 6 Years Old in Household OTHKID6 Dict.: 84.2	0 to 8 9	0 to 8 related children under 6 9 or more (G.Q. assigned to 0)
H79	Number of Persons 65 Years and Over in Household TOTOLD65 Dict.: 159.1	0 to 8 9	0 to 8 persons 65 years and over 9 or more (G.Q. assigned to 0)
H80	Number of Persons 60 Years and Over in Household (excluding Head) OTHOLD60 Dict.: 159.1	0 to 8 9	0 to 8 persons 60 years and over 9 or more (G.Q. assigned to 0)
H81	Presence of Roomers, Boarders, or Lodgers NLODGER Dict.: 80.51	0 1 2	No RBL present in household RBL present in household NA (G.Q.)
H82	Presence of Nonrelative in Household NONRELAT Dict.: 80.5	0 1 2	No nonrelative present, other than roomer, boarder, or lodger Nonrelative present other than roomer, boarder, or lodger NA (G.Q.)
H83	Presence of Relative Other than Wife or Own Child RELATIVE Dict.: 80.4	0 1 2	No other relative of head present in household Other relative of head present in household NA (G.Q.)
H84	Persons Per Room PERSONRM Dict.: 158	0 1 2 3 4 5 6	.50 or less .51 - .75 .76 - 1.00 1.01 - 1.50 1.51 - 2.00 2.01 or more NA (G.Q.)

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
H85-87	Total Family	000	\$1 - \$99
	Income or	001 to	\$100 - \$199 to
	Income of	099	\$9900 - \$9999
	Primary	105 to	\$10,000 - \$10,999 to
	Individual	245 ^{8/}	\$24,000 - \$24,999
	FAMINCOM	250	\$25,000 or more
	Dict.: 159.4	-00	\$1 - \$99 loss
	and 104	-01 to	loss in hundred dollar
		-98	intervals
		-99	Loss of \$9900 or more
	998	NA (G.Q.)	
	999	No Income	
H88	Gross Rent	0	Less than 10%
	as a Percent	1	10 to 14%
	of Family	2	15 to 19%
	Income	3	20 to 24%
	RATORNT	4	25 to 34%
	Dict.: 168.2	5	35% or more
		6	Not computed (0 or negative income and in rent universe or no cash rent)
	7	NA (not in rent universe, G.Q. or rural farms)	
H89	Value/Family	0	Less than 1.0
	Income Ratio	1	1.0 to 1.4
	RATIOVAL	2	1.5 to 1.9
	Dict.: 168.1	3	2.0 to 2.4
		4	2.5 to 2.9
		5	3.0 to 3.9
		6	4.0 or more
		7	Not computed (0 or negative income and in the value universe)
	8	NA (not in value universe or G.Q.)	
H90	Year Moved	0	1959 - 1960
	Into Unit	1	1958
	(Head)	2	1957
	YEARMOVE	3	1954 - 1956
	Dict.: 160	4	1950 - 1953
		5	1940 - 1949
		6	1939 or earlier
		7	Always lived here
	8	NA (G.Q.)	

^{8/} Codes 105 to 245 increment by ten representing thousand dollar intervals. Thus 195 represents \$19,000 to \$19,999. See marginals, Section V.

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Code</u>
H91	Puerto Rican	0	Yes
	Stock (Head)	1	No
	PUERTO	3	NA (G.Q.)
	Dict.: 61.131		
H92	Not used		
H93-94	Subsample	00 to	1% subsample serial number
	Number (See discussion on p. iii and also pp. 56-57.) SAMPLENO	99	
H95-119	Not used		
H120	Record Type Indicator HRECORD	7	1960 Public Use Sample: Household record

PERSON RECORD

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
P1	Basic Relationship HEADRELA Dict.: 79,80	0	Head of household
		1	Wife of head
		2	Son or daughter of head
		3	Other relative of head
		4	Roomer, boarder, lodger
		5	Patient or inmate
		6	Other not related to head
P2	Detailed Relationship of Persons in Households HEADRELB Dict.: 80	- 9/	Head, wife or child not in subfamily, or G.Q.
		0	Son or daughter or son-in-law or daughter- in-law in subfamily
		1	Grandson or granddaughter
		2	Father or mother or stepparent
		3	Father-in-law or mother- in-law
		4	Brother or sister or stepbrother or step- sister.
		5	Brother or sister-in-law
		6	Other relative--aunt, cousin, etc.
		7	Partner or friend
		8	Roomer, boarder, or lodger
9	Resident employee		
P3	Subfamily Membership Number SBFAMILY Dict.: 81.111	0	Persons not in a subfamily other than head, wife or child of primary family
		1	Members of subfamily number 1
		2	Members of subfamily number 2
		3	Members of subfamily number 3
		4	Members of subfamily number 4
		9	Head, wife, or child not in subfamily, or G.Q.

9/ Note that the minus character here represents a data category. This must be read as a character field and recoded if it is to be included in a statistical calculation.

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
P4-5	Type of Group Quarters QTRTYPE Dict.: 79.2	00	Correctional institutions
		01	Mental diseases hospitals and treatment centers
		02	TB and other chronic diseases hospitals
		03	Aged and dependent homes
		04	Mentally handicapped homes and schools
		05	Physically handicapped homes, schools and hospitals
		06	Homes for neglected and dependent children
		07	Other institutions for children
		08	Rooming houses, boarding houses, tourist homes, hotels, motels, resident clubs & Y's
		09	Military installations
		10	College dormitories
11	Other		
99	Persons not in G.Q.		
P6	Sex SEX Dict.: 59	0	Male
		1	Female
P7	Color or Race RACE Dict.: 60	0	White
		1	Negro
		2	Indian (American)
		3	Japanese
		4	Chinese
		5	Filipino
		8	Other (including Aleut, Eskimo, Hawaiian, and Korean)
P8	Spanish Surname SPANAME Dict.: 64	0	White, Spanish surname
		1	Negro and other races (except white Spanish surname)
		2	Not Spanish surname
		3	NA (not one of 5 Natl. Intern States)
P9-11	Age AGE Dict.: 58	000	Under 1 year
		001 to 099	01 to 99
		100	100 or over

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
P12	Quarter of Birth BIRTHQRT Dict.: 58	0	First quarter
		1	Second quarter
		2	Third quarter
		3	Fourth quarter
P13	Marital Status MARRIAGE Dict.: 73	0	Married, spouse present
		1	Married, spouse absent
		2	Widowed
		3	Divorced
		4	Separated
		5	Never married
P14	Place of Birth Recode BIRTHPLA ^{10/} Dict.: 61	1	U.S. State
		2	At sea or abroad of American parents
		3	U.S. possession
		4	Foreign
P15-16	State of Birth OR Country of Birth BIRTHPLA ^{10/} Dict.: 61	01 to 56	If P14=1, see State Code List, page 14
		99	State not reported
		01 to 99	If P14=2, 3, or 4, see codes for outlying areas and foreign countries, page 29.
P17-18	Highest Grade Attended EDUCATON Dict.: 71 (For tabulations of years of school completed, this code must be decreased by one for a response of 0 or 2 in P19.)	0	Never attended school
		2	Kindergarten
		3	Elementary 1
		4	Elementary 2
		5	Elementary 3
		6	Elementary 4
		7	Elementary 5
		8	Elementary 6
		9	Elementary 7
		10	Elementary 8
		11	High School 9
		12	High School 10
		13	High School 11
		14	High School 12
		15	College 1
		16	College 2
		17	College 3
18	College 4		
19	College 5		
20	College 6 or more		
21	NA (persons under 5 years)		

^{10/}P14-16 treated as a 3-digit code for DUALabs Data Descriptor name. If the code in P14-16 appears as 117, then the individual was born in Illinois. If coded 417, the individual was born in Denmark. There is one record in the 1960 1/10,000 Sample with code 100 for this field which is not a valid place of birth recode. See marginals, Section V.

Codes For Foreign Countries and Outlying Areas

<u>Outlying Areas</u>		<u>Code</u>	<u>Description of Codes</u>
01	At Sea	45	Israel
02	Abroad of American Parents	46	United Arab Republic
		47	Other Southwest Asia
03	American Samoa	48	Pakistan
04	Canal Zone	49	India
05	Guam	50	China
06	Puerto Rico	51	Japan
07	Virgin Islands	52	Korea
08	Other U.S. Possessions	53	Philippines
		54	Other Asia
		55	Byelorussian SSR
		56	Ukrainian SSR
		57	Other Russia
		60	Canada
		61	Mexico
		62	Guatemala
		63	British Honduras
		64	Honduras
		65	Nicaragua
		66	El Salvador
		67	Costa Rica
		68	Panama
		69	Cuba
		70	Jamaica
		71	West Indies (federated)
		72	Dominican Republic
		73	Haiti
		74	Other West Indies
		76	Venezuela
		77	Ecuador
		78	Peru
		79	Bolivia
		80	Brazil
		81	Paraguay
		82	Uruguay
		83	Chile
		84	Argentina
		85	Other South America
		86	Columbia
		87	Northern Africa
		88	Central Africa
		89	Union of South Africa
		93	Azores
		94	Other Atlantic Islands
		95	Australia
		96	New Zealand
		97	Trust Territory
		98	Other Pacific Islands
		99	Country not specified
<u>Foreign Countries</u>			
10	England	60	Canada
11	Scotland	61	Mexico
12	Wales	62	Guatemala
13	Northern Ireland	63	British Honduras
14	Ireland (Eire)	64	Honduras
15	Norway	65	Nicaragua
16	Sweden	66	El Salvador
17	Denmark	67	Costa Rica
18	Netherlands	68	Panama
19	Belgium	69	Cuba
20	Switzerland	70	Jamaica
21	France	71	West Indies (federated)
22	Germany	72	Dominican Republic
23	Poland	73	Haiti
24	Czechoslovakia	74	Other West Indies
25	Austria	76	Venezuela
26	Hungary	77	Ecuador
27	Yugoslavia	78	Peru
28	Latvia	79	Bolivia
29	Estonia	80	Brazil
30	Lithuania	81	Paraguay
31	Finland	82	Uruguay
32	Rumania	83	Chile
33	Bulgaria	84	Argentina
34	Greece	85	Other South America
35	Italy	86	Columbia
36	Spain	87	Northern Africa
37	Portugal	88	Central Africa
38	Iceland	89	Union of South Africa
39	Luxembourg	93	Azores
40	Albania	94	Other Atlantic Islands
41	Other Europe	95	Australia
42	Turkey	96	New Zealand
43	Syria	97	Trust Territory
44	Lebanon	98	Other Pacific Islands

See Attachment on
Back Cover

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>	
P19	Finished	0	Now attending	
	Grade	1	Finished grade	
	SCHOOL	2	Did not finish	
	Dict.: 71	3	NA (persons under 5 years or never attended)	
P20-21	Children	0	None	
	Ever Born	1	1	
	BABYBORN	2	2	
	Dict.: 77		3	3
			4	4
			5	5
			6	6
			7	7
			8	8
			9	9
			10	10
			11	11
			12	12 or more
	13	NA (males, never married females, females under 14 years)		
P22	Hours Worked	0	1-14 hours	
	HOURWORK	1	15-29 hours	
	Dict.: 90		2	30-34 hours
			3	35-39 hours
			4	40 hours
			5	41-48 hours
			6	49-59 hours
			7	60 or more hours
	8	NA (persons under 14, persons with a job but not at work, unemployed persons, persons in the Armed Forces, persons not in labor force (NILF)) <u>11/</u>		
P23	Year Last	0	1960	
	Worked	1	1959	
	WORKYEAR	3	1955-1958	
	Dict.: 92		4	1950-1954
			5	1949 or earlier
			6	Never worked
			7	NA (persons with employment status recode (ESR) "at work" or in armed forces, persons under 14 years, persons unemployed or not in labor force (NILF) who did not report year last worked)

11/The definition of Not Applicable (N.A.) has been changed from that listed in the Census Bureau technical documentation in order to coincide with the marginals. See also employment status recode P31.

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
P24-26	Current Industry NOWINDUS Dict.: 96	016 to 999 000	(See 1960 Industry Code List, P. 41.) NA (persons under 14 years, persons who never worked, persons in the armed forces, persons NILF who did not report year last worked, persons NILF and last worked 1949 or earlier, persons with a job but not at work) ^{12/}
P27-29	Current Occupation NOWOCCUP Dict.: 95	000 to 985 990 995	(See 1960 Occupation Code List, p. 46.) NA (persons under 14 years, persons who never worked, persons in the armed forces, persons NILF and last worked 1949 or earlier) ^{12/} Not reported
P30	Class of Worker WORKCLAS Dict.: 97	0 1 4 6 7	Employee of private co., etc. Government employee, federal, state, or local (including armed forces) Self-employed, own business Working without pay NA (persons under 14 years, persons who never worked, persons NILF and last worked 1949 or earlier) ^{12/}
P31	Employment Status Recode WORKSTAT Dict.: 87,88	0 1 2 3 4 5 6	Not in universe (under 14 years) At work With a job - not at work Unemployed Armed forces - at work Armed forces - with a job Not in labor force
P32-34	Not Used		
P35	Worked Last Year WORKLAST Dict.: 91	0 1 2	Yes No NA (persons under 14 years)

^{12/}The definition of Not Applicable (N.A.) has been changed in order to coincide with the marginals which were run for this documentation.

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>	
P36	Weeks Worked	0	13 weeks or less	
	WEEKWORK	1	14-26 weeks	
		2	27-39 weeks	
	Dict.: 91	3	40-47 weeks	
		4	48-49 weeks	
		5	50-52 weeks	
		6	NA (persons under 14 or who did not work last year)	
P37-39	Earnings in 1959: Wages, Salary, Commissions, Bonuses, or Tips from All Jobs	000 001 to 099 105 to 245 ¹³ / ₁₃	\$1 to \$99 \$100-\$199 to \$9900-\$9999 \$10,000-\$10,999 to \$24,000-\$24,999	
	EARNWAGE	250	\$25,000 or more	
	Dict.: 104.11	998	NA (under 14 years)	
		999	No Income	
	P40-42	Earnings in 1959: Non-farm Business, Professional Practice, Partner- ship or Own Farm	000 001 to 099 105 to 245 ¹³ / ₁₃	\$1-\$99 \$100-199 to \$9900-\$9999 \$10,000-\$10,999 to \$24,000-\$24,999
		EARNSELF	250	\$25,000 or more
		Dict.: 104.12	-00	\$1-\$99 loss
		-01 to -98	Loss in hundred dollar intervals	
		-99	Loss of \$9900 or more	
		998	NA (under 14 years of age)	
		999	No Income	
P43-51		Not used		
P52-54		Other Income in 1959: Including Social Security, Railroad Retire- ment and Public Assistance or Welfare	000 001 to 099 105 to 245 ¹³ / ₁₃	\$1-99 \$100-\$199 to \$9900-\$9999 \$10,000-\$10,999 to \$24,000-\$24,999
		OTHINCM	250	\$25,000 or more
	Dict.: 104.2	-00	\$1-\$99 loss	
		-01 to -98	Loss in hundred dollar intervals	
		-99	Loss of \$9900 or more	
		998	NA (under 14 years of age)	
		999	No Income	

¹³ Codes 105 to 245 increment by ten representing thousand dollar intervals. Thus 195 represents \$19,000 to \$19,999. Note also that codes 000 and -00 represent different income intervals; however, these numeral values are the same in computer storage, unless a recoding operation is undertaken. See marginals, Section V.

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
P55	Is This Person Chief Income Recipient in Family? CHIFINCM Dict.: 104	0	No, family member not having largest income or person under 14
		1	Yes, family member with largest income or person in G.Q. or unrelated person 14 years or over
P56-58	Person's Total Income TOTLINCM Dict.: 104	000	\$1-\$99
		001 to 099	\$100-\$199 to \$9900-\$9999
		105 to 245 ^{13/}	\$10,000-\$10,999 to \$24,000-\$24,999
		250	\$25,000 or more
		-00	\$1-\$99 loss
		-01 to -98	Loss in hundred dollar intervals
		-99	Loss of \$9900 or more
		998	NA (under 14 years of age)
		999	No Income
		P59-61	Not Used
P62-63	Size of Primary Family (on Primary Family Head's Record Only) OR Size of Subfamily (on Subfamily Head's Record Only) FAMSIZE Dict.: 81.11, 81.111	2 to 35 ^{14/}	Total number persons in primary family or subfamily
		00	NA (G.Q. or other person not the head of a family or subfamily)
P64	Subfamily Relationship SBFAMREL Dict.: 81, 81.111	0	Head in a subfamily
		1	Wife in a subfamily
		2	Child in a subfamily
		3	In family but not in subfamily
		6	Primary individual
		7	Secondary individual in household
		8	Noninmate in group quarters
		9	Inmate in group quarters

^{14/} There is one person record in the 1960 1/10,000 Sample with code 1 for the field which is not a valid family or subfamily size code. See marginals, Section V.

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
P65	Type of Subfamily	1	Husband/wife subfamily with no own children
	SBFAMTYP	2	Husband/wife subfamily with own children
	Dict.: 81.111, 82	3	Female head subfamily with own children
			Other-male-head subfamily with own children
		4	In family - not in subfamily
		5	Primary individual
		6	Secondary individual
		7	Noninmate in group quarters
		8	Inmate in group quarters
	9		
P66	Family Unit Membership and Group Quarters Status	0	Family member, no sub-family in household
	FAMEMBER	1	Family member, subfamily in household, not in subfamily
	Dict.: 79.2, 81	2	Subfamily member
			Primary individual
		3	Secondary individual in household
		4	Noninmate in group quarters without inmates
		7	1301 Noninmate in group quarters <i>non institutional</i>
		8	1302 Noninmate in group quarters <i>institution</i> with inmates
		9	1401 Inmate in group quarters
P67	Family Type and Presence of Own Children	1	Husband/wife and own children under 18
	FAMTYPE	2	Husband/wife with no own children under 18
	Dict.: 82, 84	3	Female head, with own children under 18
			Female head, with no own children under 18
		4	Other male head, with own children under 18
		5	Other male head, with no own children under 18
		6	Primary individual
		7	Secondary individual
		8	Group quarters
	9		

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>	
P68-69	Family	00	Family head	
	Relationship	01	Wife	
	Summary	02	Child under 18, single	
	FAMRELA	03	Child under 18, ever married	
	Dict.: 80,81		04	Child 18 and over
			05	Other relative under 18, single
			06	Other relative under 18, ever married
			07	Other relative 18 and over
			08	Primary individual
			09	Secondary individual
	10	Group quarters member		
P70	Nativity and Parentage NATIVITY Dict.: 62	0 to 9	See chart below	

Code in P 70	Place of birth of			Person for whom country of birth is given in P71-72
	<u>Respondent</u>	<u>Father</u>	<u>Mother</u>	
0	U.S.	U.S.	U.S.	NA
1	U.S.	U.S. Possession	U.S. or U.S. Possession	Father
	U.S.	U.S.	U.S. Possession	Mother
2	U.S.	U.S. or U.S. Possession	Foreign	Mother
	U.S.	Foreign	U.S. or U.S. Possession	Father
6	U.S.	Foreign	Foreign	Father
9	Foreign	NA	NA	Respondent

P71-72	Country of Origin of Foreign Stock (See P70)	00	NA (native born person with both parents born in U.S.)
	BORNNATN Dict.: 63	01 to 99	See foreign country code list, p. 29.
P73-74	Language Spoken In the Home (Mother Tongue)	00	NA (item was not asked of native born)
	LANGUAGE Dict. 67	01 to 99	See mother tongue code list, p. 36.

MOTHER TONGUE CODES

Mother Tongue	Code	Mother Tongue	Code
Not foreign born.....	00	N. African Arabic dialects.....	46
English.....	01	Near Eastern Arabic dialects.....	47
Norwegian.....	02	Egyptian.....	48
Swedish.....	03	Scandinavian.....	50
Danish.....	04	Flemish.....	51
Dutch.....	05	Celtic.....	52
French.....	06	Balto-Slavic.....	53
Breton.....	07	Albanian.....	54
German.....	10	Armenian.....	55
Polish.....	11	Persian (Iranian).....	56
Czech.....	12	Other Persian dialects.....	57
Slovak.....	13	Hindi (Hindustani).....	58
Niger-Congo.....	17	Hebrew.....	60
Eastern Sudanic and Click.....	18	Southern Semitic.....	61
Russian.....	20	Hamitic.....	62
Ukrainian.....	21	Uralic.....	63
Lithuanian.....	22	Turkish.....	64
Finnish.....	23	Other Altaic.....	65
Magyar (Hungarian).....	24	Gypsy (Romani).....	66
Serbo-Croatian.....	25	Libyan.....	67
Slovenian.....	26	Other Indo-Aryan.....	68
Rumanian.....	27	Korean.....	70
Yiddish.....	28	Thai, Siamese, Lao.....	71
Greek.....	30	Burmese.....	72
Italian.....	31	Tibetan.....	73
Spanish.....	32	Dravidian.....	74
Portuguese.....	33	Indonesian (Malayan).....	75
Basque.....	34	Other Malayan.....	76
Dalmatian, etc.....	35	Tayalog.....	77
Georgian.....	36	Polynesian.....	78
Iraqi.....	37	Indian tribal (n.s.).....	80
Japanese.....	40	Algonquin.....	81
Chinese.....	41	Uto-Aztecan.....	94
Arabic.....	42	Athabaskan.....	95
Cantonese.....	43	Other (not classified).....	97
Mandarin.....	44	Not reported.....	99
Other Chinese dialects.....	45		

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
P75	Year Moved Into Unit WHENMOVE Dict.: 57	0	1959 - 1960
		1	1958
		2	1957
		3	1954 - 1956
		4	1950 - 1953
		5	1940 - 1949
		6	1939 or earlier
		7	Always lived here
P76	Place of Residence 5 Years Ago RES5YAGO Dict.: 55	0	Same house
		1	Different house, same county
		2	Different county, same State
		3	Different State
		4	Abroad
		7	NA (persons under 5 years or not reported)
		P77-78	Age At First Marriage MARYAGE Dict.: 75	00	NA (never married or under 14)
14 to 99	14-99 years of age at first marriage		
P79	Type of School in which Enrolled SCHLTYPE Dict.: 68,70	0	Not enrolled
		1	Public school
		2	Parochial or other private school
P80	Veteran Status VETSTATU Dict.: 86	0	Yes
		1	No
		2	NA (females, males under 14 years, males 14 years and over in the armed forces)
P81	Not Used		
P82	Korean War Veteran VETKOREA Dict.: 86	0	Yes
		1	No
		2	NA (females, males under 14 years, males 14 years and over in the armed forces)
P83	World War II Veteran VETWAR2 Dict.: 86	0	Yes
		1	No
		2	NA (females, males under 14 years, males 14 years and over in the armed forces)

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
P84	World War I Veteran VETWAR1	0	World War I, but not World War II or Korean
	Dict.: 86	1	Not World War I, unless also World War II or Korean
		2	NA (females, males under 14 years, males 14 years and over in the armed forces)
P85	Veteran of Service Any Other Time VETOTHR	0	Other, but not World War I, World War II, or Korean
	Dict.: 86	1	No, unless also World War I, World War II, or Korean
		2	NA (females, males under 14 years, males 14 years and over in the armed forces)
P86	Place of Work:	1	In central city of an SMSA
	SMSA Recode	2	In ring of an SMSA
	WRKSMSA	3	Outside an SMSA (includes abroad and not reported)
	Dict.: 102	5	NA (under 14 or not at work)
P87-88	Not Used		
P89	Place of Work:	0	Same State
	State Recode	1	Contiguous State
	WRKSTATE	2	Noncontiguous State
	Dict.: 102	3	Not reported (includes abroad)
		4	NA (under 14 or not at work)
P90	Means of Transportation to Work TRANSPOR	0	Private auto, driver or passenger
	Dict.: 103	2	Bus
		3	Subway
		4	Railroad
		5	Taxi
		6	Walked only
		7	Worked at home
		8	Other means
		9	NA (persons under 14, persons not "at work", and not reported)
P91	Puerto Rican Stock PUERTOST	0	Yes
	Dict.: 61.131	1	No

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
P92-93	Not Used		
P94	Times Married	0	Once
	MARYTIME	1	More than once
	Dict.: 74	2	NA (under 14 years or never married)
P95	Quarter of	0	First quarter
	First Marriage	1	Second quarter
	MARYQRTR	2	Third quarter
		3	Fourth quarter
	Dict.: 95	4	NA (never married or under 14)
P96	Metropolitan/	0	Metropolitan
	Nonmetropolitan	1	Nonmetropolitan
	Residence 5 Years	2	Not an intercounty migrant
	Ago	3	NA (age less than 5, res- idence in 1955 not reported, and abroad)
	RES5METR		
Dict.: 54,55			
P97-103	Not Used		
P104	Allocation Flag:	0	Not allocated
	Date of Birth	1	Allocated
	(Recode or Year) #BORNDAY		
P105	Allocation Flag:	0	Not allocated
	Children Ever	1	Allocated
	Born (Female)		
	OR Veteran Status (Male) #BABYVET		
P106	Allocation Flag:	0	Not allocated
	Employment	1	Allocated
	Status Recode #EMPLOY		
P107	Allocation Flag:	0	Not allocated
	Hours Worked	1	Allocated
	(If at Work)		
	OR Date Last Worked (If Not at Work) #HRSLAST		

<u>Character</u>	<u>Item and Data Descriptor Name</u>	<u>Code</u>	<u>Description of Codes</u>
P108	Allocation Flag:	0	Not allocated
	Worked Last Year #LASTWK	1	Allocated
P109	Allocation Flag:	0	Not allocated
	Persons Total Income #INCOME	1	Allocated
P110	Allocation Flag:	0	Not allocated
	Nativity #NATIVITY	1	Allocated
P111	Allocation Flag:	0	Not allocated
	Mother Tongue #TONGUE	1	Allocated
P112	Allocation Flag:	0	Not allocated
	Enrolled in School #SCHOOL	1	Allocated
P113	Allocation Flag:	0	Not allocated
	Public or Private School #SCHTYPE	1	Allocated
P114	Allocation Flag:	0	Not allocated
	Age at First Marriage #MARRYAGE	1	Allocated
P115	Allocation Flag:	0	Not allocated
	Family Income #FAMINCO	1	Allocated
P116-119	Not Used		
P120	Record Type Indicator PRECORD	8	1960 Public Use Sample: Person record

1960 Public Use Sample

Industrial Classification

(Numbers in parentheses are the SIC
code equivalents)

NOTE: The 1960 Census industries were classified according to a system which was less detailed for certain industry categories than the 1970 classification system. For this 1960 Public Use Sample the original 1960 codes have been changed to correspond directly to the 1970 industrial classification codes wherever possible. All codes with 6 as the terminal digit represent combinations of 1970 categories to correspond to the lesser detail coded in 1960.

Census
Code

AGRICULTURE, FORESTRY, AND FISHERIES

016 Agriculture (01, 02, 07 except 0713)
027 Forestry (08)
028 Fisheries (09)

MINING

047 Metal mining (10)
048 Coal mining (11, 12)
049 Crude petroleum and natural gas extractions (13)
057 Nonmetallic mining and quarrying, except fuel (14)

CONSTRUCTION

066 Construction (15 - 17)

MANUFACTURING

Durable goods

Lumber and wood products, except furniture
107 Logging (241)
108 Sawmills, planing mills, and mill work (242, 243)
109 Miscellaneous wood products (244, 249)
118 Furniture and fixtures (25)
Stone, clay, and glass products
119 Glass and glass products (321-323)
127 Cement, concrete, gypsum, and plaster products (324, 327)
128 Structural clay products (325)
137 Pottery and related products (326)
138 Miscellaneous nonmetallic mineral and stone products (328, 329)
Metal industries
139 Blast furnaces, steelworks, rolling and finishing mills (3312, 3313)
146 ^{15/} Primary nonferrous industries (333-336, 3392, part 3399)
147 Other primary iron and steel industries (3315-3317, 332, 3391,
part 3399)

15/Listed incorrectly in Census Bureau technical documentation as 149.

Census
Code

MANUFACTURING--Continued

Durable goods--Continued

157	Cutlery, hand tools, and other hardware (342)
158	Fabricated structural metal products (344)
166	Miscellaneous fabricated metal products (19, except 194,341,343,345-349)
169	Not specified metal industries
	Machinery, except electrical
176	Miscellaneous machinery (35 except 352 and 357)
178	Farm machinery and equipment (352)
186	Office, computing and accounting machines (357)
206	Electrical machinery, equipment; and supplies (36)
	Transportation equipment
219	Motor vehicles and motor vehicle equipment (371)
227	Aircraft and parts (372)
228	Ship and boat building and repairing (373)
236	Railroad and miscellaneous transportation equipment (374-379)
	Professional and photographic equipment, and watches
246	Professional equipment and supplies (381, 385, 194)
248	Photographic equipment and supplies (386)
249	Watches, clocks, and clockwork-operated devices (387)
259	Miscellaneous manufacturing industries (39)

Nondurable goods

	Food and kindred products
268	Meat products (201)
269	Dairy products (202)
278	Canning and preserving fruits, vegetables, and sea foods (203)
279	Grain-mill products (204, 0713)
287	Bakery products (205)
288	Confectionery and related products (207)
289	Beverage industries (208)
297	Miscellaneous food preparation and kindred products (206, 209)
298 ^{16/}	Not specified food industries
299	Tobacco manufacturers (21)
	Textile mill products
307	Knitting mills (225)
308	Dyeing and finishing textiles, except wool and knit goods (226)
309	Floor coverings, except hard surface (227)
317	Yarn, thread, and fabric mills (221-224, 228)
318	Miscellaneous textile mill products (229)
	Apparel and other fabricated textile products
319	Apparel and accessories (231-238)
327	Miscellaneous fabricated textile products (239)
	Paper and allied products
328	Pulp, paper, and paperboard mills (261-263, 266)
329	Miscellaneous paper and pulp products (264)
337	Paperboard containers and boxes (265)

^{16/} Incorrectly coded in the 1960 Public Use Sample records as 293. See marginals, Section V.

Census
Code

MANUFACTURING--Continued

Nondurable goods--Continued

	Printing, publishing, and allied industries
338	Newspaper publishing and printing (271)
339	Printing, publishing, and allied industries, except newspapers (272-279)
	Chemicals and allied products
346	Miscellaneous chemicals and allied products (281, 282 except 2823 and 2824, 284, 286-289)
349	Synthetic fibers (2823, 2824)
357	Drugs and medicines (283)
359	Paints, varnishes, and related products (285)
	Petroleum and coal products
377	Petroleum refining (291)
378	Miscellaneous petroleum and coal products (295, 299)
	Rubber and miscellaneous plastic products
379	Rubber products (301-303, 306)
387	Miscellaneous plastic products (307)
	Leather and leather products
388	Tanned, curried, and finished leather (311)
389	Footwear, except rubber (313, 314)
397	Leather products, except footwear (312, 315-317, 319)
398	<u>Not specified manufacturing industries</u>

TRANSPORTATION, COMMUNICATION, AND
OTHER PUBLIC UTILITIES

Transportation

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

Communication

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

Census
Code

TRANSPORTATION, COMMUNICATION, AND
OTHER PUBLIC UTILITIES--Continued

Utilities and sanitary services

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

WHOLESALE AND RETAIL TRADE

Wholesale trade

507 Motor vehicles and equipment (501)
508 Drugs, chemicals, and allied products (502)
509 Dry goods and apparel (503)
527 Food and related products (504)
528 Farm products--raw materials (505)
536 Electrical goods, hardware, and plumbing equipment (506, 507)
539 Machinery equipment and supplies (508)
558 Petroleum products (5092)
566 Miscellaneous wholesale trade (509, except 5092)
588 Not specified wholesale trade

Retail trade

607 Lumber and building material retailing (521-524)
608 Hardware and farm equipment stores (525)
617 Limited price variety stores (533)
626 General merchandise retailing (53 except 533)
629 Dairy products stores (545)
636 Food stores except dairy products (54 except 545)
646 Motor vehicle and accessory retailing (55 except 554)
648 Gasoline service station (554)
657 Apparel and accessories stores, except shoe stores (56 except 566)
658 Shoe stores (566)
667 Furniture and home furnishing stores (571)
668 Household appliances, TV, and radio stores (572, 573)
669 Eating and drinking places (58)
677 Drug stores (591)
678 Liquor stores (592)
687 Jewelry stores (597)
688 Fuel and ice dealers (598)
689 Retail florists (5992)
696 Miscellaneous retail stores (593-596, 599 except 5992)
698 Not specified retail trade

Census
Code

FINANCE, INSURANCE, AND REAL ESTATE

706 Banking and credit agencies (60, 61)
709 Security, commodity brokerage, and investment companies (62, 67)
717 Insurance (63, 64)
718 Real estate, including real estate-insurance-law offices (65,66)

BUSINESS AND REPAIR SERVICES

727 Advertising (731)
736 Miscellaneous business services (73 except 731)
756 Automobile repair services and garages (75)
766 Miscellaneous repair services (76)

PERSONAL SERVICES

769 Private households (88)
776 Hotels and lodging places (70)
779 Laundering, cleaning, and other garment services (721, 727)
786 Barber and beauty shops (723, 724)
789 Shoe repair shops (725)
797 Dressmaking shops (part 729)
798 Miscellaneous personal services (722, 726, part 729)

ENTERTAINMENT AND RECREATION SERVICES

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

PROFESSIONAL AND RELATED SERVICES

826 Medical and other health services, except hospital (80 except 806)
838 Hospitals (806)
849 Legal services (81)
856 Educational services (82, 84)
876 Welfare and religious services (866, 867)
887 Nonprofit membership organizations (861-865, 869)
888 Engineering and architectural services (891)
889 Accounting, auditing, and bookkeeping services (893)
897 Miscellaneous professional and related services (892, 899)

PUBLIC ADMINISTRATION

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

WORKERS NOT CLASSIFIABLE BY INDUSTRY

999 Industry not reported

Occupational Classification

(The three digit number in the left margin is the code symbol for the occupation category; and "n.e.c." means not elsewhere classified.)

PROFESSIONAL, TECHNICAL, AND
KINDRED WORKERS

000 Accountants and auditors
010 Actors and actresses
012 Airplane pilots and navigators
013 Architects
014 Artists and art teachers
015 Athletes
020 Authors
021 Chemists
022 Chiropractors
023 Clergymen

College presidents, professors, and instructors (n.e.c.)

030 College presidents and deans
031 Professors and instructors, agricultural sciences
032 Professors and instructors, biological sciences
034 Professors and instructors, chemistry
035 Professors and instructors, economics
040 Professors and instructors, engineering
041 Professors and instructors, geology and geophysics
042 Professors and instructors, mathematics
043 Professors and instructors, medical sciences
045 Professors and instructors, physics
050 Professors and instructors, psychology
051 Professors and instructors, statistics
052 Professors and instructors, natural sciences (n.e.c.)
053 Professors and instructors, social sciences (n.e.c.)
054 Professors and instructors, nonscientific subjects
060 Professors and instructors, subject not specified

070 Dancers and dancing teachers
071 Dentists
072 Designers
073 Dietitians and nutritionists
074 Draftsmen
075 Editors and reporters
080 Engineers, aeronautical
081 Engineers, chemical
082 Engineers, civil
083 Engineers, electrical
084 Engineers, industrial
085 Engineers, mechanical
090 Engineers, metallurgical, and metallurgists
091 Engineers, mining
092 Engineers, sales
093 Engineers (n.e.c.)
101 Entertainers (n.e.c.)

PROFESSIONAL, TECHNICAL AND
KINDRED WORKERS--Continued

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

FARMERS AND FARM MANAGERS

200	Farmers (owners and tenants)
222	Farm managers

MANAGERS, OFFICIALS, AND
PROPRIETORS, EXCEPT FARM

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

CLERICAL AND KINDRED WORKERS

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

SALES WORKERS

380 Advertising agents and salesmen
381 Auctioneers
382 Demonstrators
383 Hucksters and peddlers
385 Insurance agents, brokers, and underwriters

SALES WORKERS--Continued

390 Newsboys
393 Real estate agents and brokers
394 Salesmen and sales clerks (n.e.c.)
395 Stock and bond salesmen

CRAFTSMEN, FOREMEN, AND KINDRED WORKERS

401 Bakers
402 Blacksmiths
403 Boilermakers
404 Bookbinders
405 Brickmasons, stonemasons, and tile setters
410 Cabinetmakers
411 Carpenters
413 Cement and concrete finishers
414 Compositors and typesetters
415 Cranemen, derrickmen, and hoistmen
420 Decorators and window dressers
421 Electricians
423 Electrotypers and stereotypers
424 Engravers, except photoengravers
425 Excavating, grading, and machinery operators
430 Foremen (n.e.c.)
431 Forgemen and hammermen
432 Furriers
434 Glaziers
435 Heat treaters, annealers, and temperers
444 Inspectors, scalers, and graders, log and lumber
450 Inspectors (n.e.c.)
451 Jewelers, watchmakers, goldsmiths, and silversmiths
452 Job setters, metal
453 Linemen and servicemen, telegraph, telephone, and power
454 Locomotive engineers
460 Locomotive firemen
461 Loom fixers
465 Machinists
470 Mechanics and repairmen, air conditioning, heating, and refrigeration
471 Mechanics and repairmen, airplane
472 Mechanics and repairmen, automobile
473 Mechanics and repairmen, office machine
474 Mechanics and repairmen, radio and television
475 Mechanics and repairmen, railroad and car shop
480 Mechanics and repairmen (n.e.c.)
490 Millers, grain, flour, feed, etc.
491 Millwrights
492 Molders, metal
493 Motion picture projectionists
494 Opticians, and lens grinders and polishers
495 Painters, construction and maintenance
501 Paperhangers
502 Pattern and model makers, except paper

CRAFTSMEN, FOREMEN, AND KINDRED WORKERS--Continued

503	Photoengravers and lithographers
504	Piano and organ tuners and repairmen
505	Plasterers
510	Plumbers and pipe fitters
512	Pressmen and plate printers, printing
513	Rollers and roll hands, metal
514	Roofers and slaters
515	Shoemakers and repairers, except factory
520	Stationary engineers
521	Stone cutters and stone carvers
523	Structural metal workers
524	Tailors and tailoresses
525	Tinsmiths, coppermiths, and sheet metal workers
530	Toolmakers, and die makers and setters
535	Upholsterers
545	Craftsmen and kindred workers (n.e.c.)
555	Former members of the armed forces <u>17/</u>

OPERATIVES AND KINDRED WORKERS^{18/}

601	Apprentice auto mechanics
602	Apprentice bricklayers and masons
603	Apprentice carpenters
604	Apprentice electricians
605	Apprentice machinists and toolmakers
610	Apprentice mechanics, except auto
612	Apprentice plumbers and pipe fitters
613	Apprentices, building trades (n.e.c.)
614	Apprentices, metalworking trades (n.e.c.)
615	Apprentices, printing trades
620	Apprentices, other specified trades
621	Apprentices, trade not specified
630	Asbestos and insulation workers
631	Assemblers
632	Attendants, auto service and parking
634	Blasters and powdermen
635	Boatmen, canalmen, and lock keepers
640	Brakemen, railroad
641	Bus drivers
642	Chainmen, rodmen, and axmen, surveying
643	Checkers, examiners, and inspectors, manufacturing
645	Conductors, bus and street railway
650	Deliverymen and routemen
651	Dressmakers and seamstresses, except factory
652	Dyers
653	Filers, grinders, and polishers, metal
654	Fruit, nut, and vegetable graders and packers, except factory
670	Furnacemen, smeltermen, and pourers
671	Graders and sorters, manufacturing
672	Heaters, metal
673	Knitters, loopers, and toppers, textile
674	Laundry and dry cleaning operatives
675	Meat cutters, except slaughter and packing house

17/ Corrected from Census Bureau technical documentation to coincide with marginals.

18/ Mine laborers are included in the major group "Operatives and Kindred Workers "

OPERATIVES AND KINDRED WORKERS^{18/}-- Continued

680 Milliners
685 Mine operatives and laborers (n.e.c.)
690 Motormen, mine, factory, logging camp, etc.
691 Motormen, street, subway, and elevated railway
692 Oilers and greasers, except auto
693 Packers and wrappers (n.e.c.)
694 Painters, except construction and maintenance
695 Photographic process workers
701 Power station operators
703 Sailors and deck hands
704 Sawyers
705 Sewers and stitchers, manufacturing
710 Spinners, textile
712 Stationary firemen
713 Switchmen, railroad
714 Taxicab drivers and chauffeurs
715 Truck and tractor drivers
720 Weavers, textile
721 Welders and flame-cutters
775 Operatives and kindred workers (n.e.c.)

PRIVATE HOUSEHOLD WORKERS

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

SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD

810 Attendants, hospital and other institutions
812 Attendants, professional and personal service (n.e.c.)
813 Attendants, recreation and amusement
814 Barbers
815 Bartenders
820 Bootblacks
821 Boarding and lodging housekeepers
823 Chambermaids and maids, except private household
824 Charwomen and cleaners
825 Cooks, except private household
830 Counter and fountain workers
831 Elevator operators
832 Housekeepers and stewards, except private household
834 Janitors and sexton
835 Kitchen workers (n.e.c.), except private household
840 Midwives
841 Porters
842 Practical nurses
843 Hairdressers and cosmetologists

SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD--Continued

Protective service workers
850 Firemen, fire protection
851 Guards, watchmen, and doorkeepers
852 Marshalls and constables
853 Policemen and detectives
854 Sheriffs and bailiffs
860 Watchmen (crossing) and bridge tenders

874 Ushers, recreation and amusement
875 Waiters, and waitresses
890 Service workers, except private household (n.e.c.)

FARM LABORERS AND FOREMEN

901 Farm foremen
902 Farm laborers, wage workers
903 Farm laborers, unpaid family workers
905 Farm service laborers, self-employed

LABORERS, EXCEPT FARM AND MINE^{19/}

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

995 OCCUPATION NOT REPORTED

^{19/}Mine laborers are included in the major group "Operatives and kindred workers".

IV. Sample Design and Sampling Variability

A. Sample Design

General

The one-in-one-hundred sample is a subsample of the 5-percent sample used for some of the tabulations of the 1960 Census of Population. The 5-percent sample was selected from the original 25-percent sample households using a stratified, systematic sample design. The one-in-one-hundred, one-in-one-thousand, and one-in-ten-thousand samples are designed to take advantage of the selection and estimation processes used for the two larger samples. Selection and estimation at each of these levels is described in more detail below:

The 25-Percent Sample

--Selection of the 25-Percent Sample

For persons living in housing units at the time of the 1960 Census, the sampling unit was a housing unit along with all of its occupants; for persons in group quarters, it was the person. On the first visit to an address the enumerator assigned a sample key letter (A, B, C, or D) to each housing unit sequentially in the order that he first visited the unit--whether or not he completed the interview. Each interviewer was given a random key letter to start his assignment. The order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. Each housing unit to which the key letter "A" was assigned was designated as a sample unit and all persons enumerated in the unit were included in the sample. In group quarters, the sample consisted of every fourth person in the order listed. Although the sampling procedures did not automatically insure an exact 25-percent sample of persons, the sample design was unbiased if carried through according to instructions. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly.

--Estimation Procedure for the 1960 Census 25-Percent Sample

Statistics based on the 25-percent sample were estimated through the use of a ratio-estimation procedure. This procedure was carried out for each of the following 44 groups of persons in each of the smallest weighting areas (SWA's).

PERSON CATEGORIES FOR SMALLEST WEIGHTING AREAS

Group	Sex, Color and Age	Relationship and Tenure
	MALE WHITE:	
1	Under 5	
2	5-13	
3	14-24	Head of owner household
4	14-24	Head of renter household
5	14-24	Not head of household
6	25-44	Head of owner household
7	25-44	Head of renter household
8	25-44	Not head of household
9	45 and over	Head of owner household
10	45 and over	Head of renter household
11	45 and over	Not head of household
	MALE NONWHITE:	
12-22	Repeat Age Categories	Repeat Relationship Categories
	FEMALE WHITE:	
23-33	Repeat Age Categories	Repeat Relationship Categories
	FEMALE NONWHITE:	
34-44	Repeat Age Categories	Repeat Relationship Categories

The SWA's established for the 25-percent sample were the smallest separate geographic areas for which statistics had to be prepared in order to produce data for any of the geographic tabulations planned for the Census. Estimates for such areas were combined so as to produce all of the geographical detail required for the publication program of the Census, such as places of 2,500 inhabitants or more, Urbanized Areas, Standard Metropolitan Statistical Areas, or census tracts. Typical examples of SWA's are census tracts (in tracted cities), complete cities in smaller urban places, urban fringe areas defined outside of large cities, the rural balance in a minor civil division, etc. There were roughly 33,000 SWA's involved in the estimation procedure used for the 25-percent sample.

Estimates of characteristics from the sample for a given weighting area are produced using the formula:

$$x' = \sum_{i=1}^{44} \frac{x_i}{y_i} Y_i$$

where x' is the estimate of the characteristic for a weighting area obtained through the use of the ratio-estimation procedure;

x_i is the count of sample persons with the characteristic in one of the 44 groups (group i) within the SWA;

y_i is the count of all sample persons for the area in the same one of the 44 groups; and

Y_i is the complete Census count of persons in the same one of the 44 groups in the SWA.

For each of the 44 groups, the ratio of the complete Census count to the sample count of the population in the group was determined. Each specific sample person in the group was assigned an integral weight so that the sum of the weights would equal the complete count for the group. For example, if the ratio for a group was 4.1, one-tenth of the persons (selected at random) within the group were assigned a weight of 5, and the remaining nine-tenths a weight of 4. The use of such a combination of integral weights rather than a single fractional weight was adopted to avoid the complications involved in rounding in the final tables. Where there were fewer than 50 persons in the complete count in a group or where the resulting weight was over 16, groups were combined in a specific order to satisfy both of these two conditions and a common weight used for the combined groups.

These ratio estimates reduce the component of sampling error arising from the variation in the size of household and achieve many of the gains of stratification in the selection of the sample with the strata being the groups for which separate ratio estimates are computed. The net effect is a reduction in the sampling error and bias of most statistics below what would be obtained by weighting the results of the 25-percent sample by a uniform factor of four. A by-product of this type of estimation procedure is that estimates for the sample are generally consistent with the complete count with respect to the total population and for the subdivisions used as groups in the estimation procedure.

The 5-Percent Population Sample

--Selection of the 5-Percent Population Sample

For some tabulations, a subsample of one-fifth of the original 25-percent sample schedules was selected by the computer using a stratified, systematic, sample design. The strata were made up as follows: For persons in regular housing units, there were 36 strata--9 household-size groups (1, 2, 3, 4, 5, 6, 7, 8, and 9 or more persons per household) by two tenure groups, by two color groups (white or nonwhite); for persons in group quarters there were two strata (two color groups). Within each of these 38 strata the computer selected the sample by cumulating the weight assigned (by the ratio estimation process for the 25-percent sample) to the household head and selecting the household that caused the cumulative weight to pass a multiple of 20.

--Estimation Procedure for the 5-Percent Sample

Statistics based on the 5-percent sample were estimated through the use of a ratio-estimation procedure. The procedure used for this sample was similar to the estimation process described for the 25-percent sample, with two important differences. First, larger SWA's were used for the 5-percent sample than for the 25-percent sample. They were defined as the combined total of areas within a state comprising central cities of urbanized areas, the remaining portions of urbanized areas, urban places not in urbanized areas, and rural areas. However, each urbanized area of more than 1,000 inhabitants made up two SWA's: the central city and the balance. Second, groups were sometimes combined in a specific order during the ratio-estimation process as in the 25-percent sample. For the 5-percent sample, this was done when there were fewer than 275 persons in the complete count in a group, where the resulting weight was over 80.

Public Use Samples

--Selection of the One-in-One-Hundred Sample

The one-in-one-hundred sample was selected as a subsample of the 5-percent population sample, using a systematic selection of one-in-five within each of 38 strata. The strata are shown in the table on page 57; they differ slightly from the strata used in the selection of the 5-percent sample. The subsampling was done in such a way as to take into consideration the weights assigned in the ratio-estimation procedures used in the 5-percent population sample described above. Within each stratum, using random-start numbers in the range 0-99 (i.e., those in the table), the 5-percent weights for each household head (or group quarters person) were accumulated and the entire household (or group quarters person) was selected each time the sum passed a multiple of 100.

--Selection of the One-in-One-Thousand Sample

At the time a household or group quarters person was selected in the one-in-one-hundred sample, it was assigned a subsample number within each of the 38 strata. These subsample numbers range from 00 to 99. A sample of one-in-one-thousand was selected using the units digit of the subsample numbers. Thus, the one-in-one-thousand sample is a stratified systematic subsample of the one-in-one-hundred sample. Each record selected contains the subsample units digit 2 from Item H93-94.

--Selection of the One-in-Ten-Thousand Sample

The one-in-ten-thousand sample is a subsample of the one-in-one-hundred sample consisting of those households and group quarters persons assigned one of the subsample numbers 00 to 99. The one-in-ten-thousand sample is not a subsample of the one-in-one-thousand sample. Records selected contain the subsample number 79 from Item H93-94.

--Strata Used in Selecting the Sample

The records in the source file were grouped by households, each household record carrying a separate weight. These weights ranged around a value of 20. The weight of each household head or group quarters person was added to the start number or to the previous accumulation for the applicable stratum. Every time the total in the stratum accumulated to an additional hundred, the household head and all members of his household were selected for inclusion in the sample. Group quarters persons were selected without regard to other members of the group quarters whenever the accumulated total passed an additional hundred. Thirty-eight strata with their random start numbers are shown on the next page.

Stratification Cells and Random Start Numbers
1960 Census Public Use Sample

Size of Household	White		Nonwhite	
	Owner head	Renter head	Owner head	Renter head
1 person household	76	96	13	30
2 person household	04	36	84	40
3 person household	33	05	17	05
4 person household	89	43	47	44
5 person household	77	48	43	07
6 person household	51	16	09	01
7 person household	05	73	60	40
8 to 11 person household	66	64	95	01
12 or more person household	02	97	17	84
Group quarters person	53		60	

--Selection of Intermediate Samples

Samples in the range between one-in-one-hundred and one-in-ten-thousand may be selected by using an appropriate combination of the other samples; for instance, a stratified systematic three-in-one-thousand sample would consist of the households and group quarters comprising three systematically-selected one-in-one-thousand samples. Such intermediate samples are also stratified systematic subsamples of the next largest sample.

Housing Subsamples

Since some of the housing items were collected as systematic four-fifths or one-fifth subsamples of the initial 25-percent sample, the resulting sampling rates for these items are: For the one-in-one-thousand sample, subsamples of one-in-125 and one-in-500, respectively; for the one-in-one-thousand sample, subsamples of one-in-1,250 and one-in-5,000, respectively; and for the one-in-ten-thousand sample, subsamples of one-in-12,500 and 50,000, respectively.

B. Estimation

Estimates of true values may be made from sample data by using a simple inflation estimate, that is, by multiplying the sample figure by the reciprocal of the sampling rate. For example, to estimate the total number of persons with a certain population characteristic from a one-in-one-hundred sample, multiply the sample total by 100. Sampling rates for housing data are given in the preceding section. The sampling rate for an intermediate-sized sample is the number of smaller tabulated samples used multiplied by the sampling rate for the smaller sample. Table I at the end of this section, pp. 75-76, provides estimates of total population, black population and other groups from the one-in-one-hundred sample, compared with the full 1960 Census count.

C. Sampling Variability

General

Estimates derived from the sample tabulations are subject to sampling variability, which can be measured by the standard error. The chances are two out of three that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a complete count of the population is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than 2-1/2 times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds can be found in most statistical textbooks.

Approximate Standard Errors Using Tables A - G

--Grouping Items by Type of Standard Error

The standard error of an estimate depends on sample size, method of sampling, and the estimation process. In a cluster sample as was used for population items (clustering was by household, and persons in each household comprised the cluster), the standard errors may vary from one type of statistic to another, depending on the homogeneity of the item within a cluster. The effectiveness of stratification also tends to vary among items. As a result, a simple table containing the exact standard errors cannot be constructed for sophisticated designs of this type. Instead, approximations to the standard errors are produced for classes of items which behave in a fairly similar manner. Empirical studies show that for the samples considered here, three classes are sufficient for most analyses. The grouping of items into these three classes is shown in Table A, page 63.

Standard errors for the one-in-one-hundred, one-in-one-thousand, and one-in-ten-thousand samples have been produced for three classes of characteristics. The characteristics within the three classes differ mainly in the way they are affected by the homogeneity of persons within a household. The standard errors given in Tables B and E (and described as for Type I, pp. 63 and 65) are for characteristics having relatively low homogeneity among persons within households. These are for characteristics which are

little affected by the fact that the entire household was selected as the sampling unit; that is, for items such as housing data and population data which would tend to describe only one person in the household (for example, married women, age 25 - 34). Standard errors for characteristics of Type III are given in Tables D and G, pp. 64 and 66, and apply to characteristics which tend to cluster by household (i.e., the characteristics tend to describe all or nearly all persons in the household), such as mobility, color, and agricultural residence. Standard errors for characteristics of Type II are shown in Tables C and F, pp. 64-65, and apply to characteristics which are moderately affected by the sampling of households--that is, characteristics which tend to lie between the two extremes; items such as number of males, number of employed persons, etc.

Table A displays examples of how tabulations of various code categories for the items shown on pages 13-40 would relate to the three types of standard errors. The table shows, for example, that item P17-15 (highest grade attended) may be considered as a Type I or as a Type II characteristic. Highest grade attended of the household head and highest grade attended for all children aged 6 - 16 would be Type I characteristics, since the first would be limited to one person per household and the second would show a low degree of homogeneity within a household. However, highest grade attended for all persons over 25 would be a Type II characteristic since you would expect some homogeneity among the adults of a household.

Table A also shows that item P7 (Race) is classified as a characteristic of Type III. The nature of the code categories for item P7 (see page 27) would, however used, usually define households in which either all household members or none would satisfy the condition. Note, however, that a cross-tabulation of item P7 and single years of age from item P9-11 would require the resulting statistics to be treated as a characteristic of Type I.

Many items can be used either to obtain counts of households having a characteristic or to obtain total counts of persons that are members of households with that characteristic. For the former purpose, the characteristic would be treated as a Type I; for the latter purpose, a Type III. For example, the number of households with contract rent under \$150 would be a Type I characteristic, while the number of persons in households in this rent category would be a Type III.

--Standard Errors of Estimated Numbers and Percentages

Tables B through D, pp. 63-64, contain approximations to the standard errors for the data produced by multiplying the sample count by the reciprocal of the probability of selection--that is, a factor of 100 for the one-in-one-hundred sample, 1,000 for the one-in-one-thousand sample and 10,000 for the one-in-ten-thousand sample. Tables E through G, pp. 65-66, contain standard errors for percentages calculated from these data.

--Standard Errors of Differences

The tables of standard errors are to be applied differently in the three following situations:

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between one-in-one-hundred sample statistics and complete-count statistics for 1950 or 1970), the standard error is identical with the standard error of the sample estimate alone.
2. For a difference between two sample figures (e.g., one from the one-in-one-hundred sample and the other based on a different sample or for a different area based on the same sample), the standard error is approximately the square root of the sum of the squares of the standard error of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error.
3. When the sample estimate is a difference between two sample estimates, one of which is a subclass of the other with respect to the same universe, the previous method of finding the standard error of the difference should not be used. Instead, the tables should be used directly by locating the appropriate standard error for an estimate equal to the size of the difference.

For example, it might be desired to estimate the total number of persons who completed junior high school but did not complete high school. The sample estimate for total persons who completed high school is available as is the sample estimate for persons who completed junior high school. The standard error of this difference should be found by locating the size of the estimated difference in the appropriate table and sample size column.

--Sampling Variability of Medians

The sampling variability of a median depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated $N/2$). Look up or compute the standard error of $N/2$; subtract this standard error from $N/2$. Cumulate the frequencies (in the table on which the median is based) up to the interval containing the difference between $N/2$ and its standard error,

and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to $N/2$, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of $N/2$ and its standard error. The chances are two out of three that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100 can be computed in a similar manner by multiplying the standard error by the appropriate factors before subtracting and adding to $N/2$. Interpolation to obtain the values corresponding to these numbers gives the confidence limits for the medians.

--Sampling Variability of Estimated Means

The sampling variability of a mean, such as the number of children ever born per 1,000 women, depends on the variability of the distribution on which the mean is based, the size of the sample, the sample design, and the use of ratio estimates. An approximation to the variability of the mean may be obtained as follows: Compute the standard deviation of the distribution on which the mean is based; then multiply this figure by a factor of .8 for characteristics of Type I, 1.1 for Type II, and 1.7 for Type III. Divide this product by the square root of the sample size.

Nonsampling Errors

Sampling error is only one of the components of the total error of a survey. Further contributions may come, for example, from biases in sample selection, from errors introduced by imputations for non-reporting, and from errors introduced in the coding and other processing of the questionnaires. For estimates of totals representing relatively small proportions of the population, the major component of the total survey error tends to be the sampling error. As the estimated totals approach the level of the total population, the sampling errors decrease. This is not necessarily true of the nonsampling errors and they assume a relatively larger role in the total survey error. For this reason, standard errors of totals are not shown for all estimated levels even though the standard errors are actually present. For example, for regional estimates from these samples, the presence of nonsampling errors should be recognized in increasingly larger proportions for estimates close to the total population of the region.

Sampling Variability for the Housing Subsamples

Data obtained from the 20-percent and 5-percent housing subsamples are subject to greater sampling variability than data from the 25-percent sample. An approximation to the standard errors of data from these samples can be made by obtaining the standard errors from the appropriate tables and adjusting them for the smaller sample size. For this adjustment, multiply the standard error of the 25-percent sample by 1.1 if the data are from the 20-percent subsample, or by 2.2 if the data are from the 5-percent subsample. Data in the 5-percent sample

are items H59, H61-H63, and H65-H68. Items H26, H53, H56-H58, and H64 are 20-percent sample items. Note that data on item H60 (automobile) were collected as a 20-percent item in large urban areas and as a 5-percent item in other parts of the country. Tabulations of this item for areas encompassing both types of areas, therefore, will require a factor somewhere between 1.1 and 2.2.

Table A. Approximate Classification of Items by Type

Item Numbers by Degree of Homogeneity*		
Type I	Type II	Type III
Low Homogeneity	Moderate Homogeneity	High Homogeneity
1-2	1-3	7-8
4-6	9-19	62-63
9-11	22-23	75-76
17-31	31	91
35-42	35-36	96
52-54	55	
56-58	64-74	
65-67	77-79	
80	86	
82-85	89-90	
	94-95	
All items on household schedules (identified by "H")		

*All item numbers given are those preceded by P, indicating they are from a person record. As stated, all item numbers preceded by H are Type I.

Table B. Approximate Standard Errors of Estimated Totals for Housing and Household Characteristics and for Population Characteristics of Type I

Size of estimate (000)	Standard error (000) for data based on:		
	1 in 100 sample	1 in 1,000 sample	1 in 10,000 sample
25	2	4	15
50	2	6	20
100	3	9	30
250	4	14	40
500	6	19	60
1,000	8	27	80
2,500	13	42	130
5,000	18	57	180
10,000	24	76	240
25,000	--	--	290
50,000	--	--	410

Table C. Approximate Standard Errors of Estimated Totals for Population Characteristics of Type II

Size of estimate (000)	Standard error (000) for data based on:		
	1 in 100 sample	1 in 1,000 sample	1 in 10,000 sample
25	2	5	15
50	2	7	20
100	4	11	40
250	5	17	50
500	8	24	80
1,000	11	34	110
2,500	17	53	170
5,000	24	75	240
10,000	34	107	340
25,000	54	171	540
50,000	--	--	780
100,000	--	--	1,160

Table D. Approximate Standard Errors of Estimated Totals for Population Characteristics of Type III

Size of estimate (000)	Standard error (000) for data based on:		
	1 in 100 sample	1 in 1,000 sample	1 in 10,000 sample
25	3	6	25
50	4	12	40
100	5	17	50
250	8	27	80
500	12	38	120
1,000	17	54	170
2,500	27	85	270
5,000	38	119	380
10,000	53	167	530
25,000	82	259	820
50,000	111	352	1,110
100,000	--	--	1,440

Table E. Approximate Standard Error of Estimated Percentage for Housing and Household Characteristics and for Population Characteristics of Type I Based on Samples Selected at 1 in 100, 1 in 1,000, and 1 in 10,000

Size of Base of Percentage (000)

Estimated percentage	1/100	10	25	50	100	250	500	1,000	2,500	5,000
	1/1,000	100	250	500	1,000	2,500	5,000	10,000	25,000	50,000
	1/10,000	1,000	2,500	5,000	10,000	25,000	50,000	100,000	Not applicable	
1 or 99		0.9	0.5	0.4	0.3	0.2	0.1	0.1	0.1	*
2 or 98		1.2	0.8	0.5	0.4	0.2	0.2	0.1	0.1	0.1
5 or 95		1.9	1.2	0.8	0.6	0.4	0.3	0.2	0.1	0.1
10 or 90		2.6	1.6	1.2	0.8	0.5	0.4	0.3	0.2	0.1
15 or 85		3.1	1.9	1.4	1.0	0.6	0.4	0.3	0.2	0.1
20 or 80		3.4	2.2	1.5	1.1	0.7	0.5	0.3	0.2	0.2
25 or 75		3.7	2.4	1.7	1.2	0.7	0.5	0.4	0.2	0.2
35 or 65		4.1	2.6	1.8	1.3	0.8	0.6	0.4	0.3	0.2
50		4.3	2.7	1.9	1.4	0.9	0.6	0.4	0.3	0.2

Table F. Approximate Standard Error of Estimated Percentage for Population Characteristics of Type II Based on Samples Selected at 1 in 100, 1 in 1,000, and 1 in 10,000

Size of Base of Percentage (000)

Estimated percentage	1/100	10	25	50	100	250	500	1,000	2,500	5,000	10,000
	1/1,000	100	250	500	1,000	2,500	5,000	10,000	25,000	50,000	100,000
	1/10,000	1,000	2,500	5,000	10,000	25,000	50,000	100,000	Not applicable		
1 or 99		1.1	0.7	0.5	0.3	0.2	0.1	0.1	0.1	*	*
2 or 98		1.5	0.9	0.7	0.5	0.3	0.2	0.1	0.1	0.1	*
5 or 95			1.5	1.0	0.7	0.5	0.3	0.2	0.1	0.1	0.1
10 or 90			2.0	1.4	1.0	0.6	0.4	0.3	0.2	0.1	0.1
15 or 85		3.8	2.4	1.7	1.2	0.8	0.5	0.4	0.2	0.2	0.1
20 or 80		4.2	2.7	1.9	1.3	0.8	0.6	0.4	0.3	0.2	0.1
25 or 75			2.9	2.0	1.4	0.9	0.6	0.5	0.3	0.2	0.1
35 or 65		5.0	3.2	2.3	1.6	1.0	0.7	0.5	0.3	0.2	0.2
50		5.3	3.4	2.4	1.7	1.1	0.8	0.5	0.3	0.2	0.2

* Less than 0.1 percent

Table G. Approximate Standard Error of Estimated Percentage for Population Characteristics of Type III Based on Samples Selected at 1 in 100, 1 in 1,000 and 1 in 10,000

Size of Base of Percentage (000)

Estimated percentage	1/100	10	25	50	100	250	500	1,000	2,500	5,000	10,000
	1/1,000	100	250	500	1,000	2,500	5,000	10,000	25,000	50,000	100,000
	1/10,000	1,000	2,500	5,000	10,000	25,000	50,000	100,000	Not applicable		
1 or 99		1.7	1.1	0.8	0.5	0.3	0.2	0.2	0.1	0.1	0.1
2 or 98		2.4	1.5	1.1	0.8	0.5	0.3	0.2	0.2	0.1	0.1
5 or 95		3.7	2.3	1.7	1.2	0.7	0.5	0.4	0.2	0.2	0.1
10 or 90		5.1	3.2	2.3	1.6	1.0	0.7	0.5	0.3	0.2	0.2
15 or 85		6.1	3.8	2.7	1.9	1.2	0.9	0.6	0.4	0.3	0.2
20 or 80		6.8	4.3	3.0	2.2	1.4	1.0	0.7	0.4	0.3	0.2
25 or 75		7.4	4.7	3.3	2.3	1.5	1.0	0.7	0.5	0.3	0.2
35 or 65		8.1	5.1	3.6	2.6	1.6	1.1	0.8	0.5	0.4	0.3
50		8.5	5.4	3.8	2.7	1.7	1.2	0.8	0.5	0.4	0.3

Derivation of the Estimated Standard Errors in Tables B - G

Standard errors are usually not computed for every possible statistic of interest produced in a survey, partly because of the high cost of the necessary calculations and because the estimated standard error of a sample statistic also subject to sampling variability. The sampling variability of the estimated standard errors is often relatively large, but more stable estimates can frequently be obtained by combining the estimates of the sampling errors for several statistics known from previous experience to have sampling errors with similar behavior. One way of generalizing estimated sampling errors is to select representative characteristics, calculate the relvariances (the squares of the coefficients of variation) of these characteristics and use them to represent the relvariances of similar characteristics, using a relationship which typically holds concerning the relvariance and the size of the estimate.^{1/} Investigation of this relationship has led to the development of a set of regression functions which, experience has shown, represent the behavior of the relvariances fairly well. Curves taking the form of

$$V_{x'}^2 = a + \frac{b}{x'}$$

have been used to produce the tables of standard errors for this report. The value $V_{x'}^2$ is the relvariance of the estimate x' , and a and b are parameters of the regression curve. The values of a and b were determined by using a method of successive approximations. The standard errors appearing in Tables B through G were then obtained from the regression curve for the one-in-one-thousand sample. The standard errors for the others were obtained by adjusting the one-in-one-thousand figures to reflect the different sample sizes. To calculate the relvariances required for the above generalization technique, a point estimate of the variance was determined for each of the selected items using the random group method as follows. The sample was divided into ten randomly-determined mutually-exclusive and exhaustive subsamples (random groups). Each of the random groups is a subsample selected in the same manner as the full sample. In order to simplify the variance calculations, the number of strata was reduced from 38 to 17. The reduction in the number of strata probably results in a slight overstatement of the variance. The ten random groups were selected by using the terminal digit of the subsample number. Since these subsample numbers were assigned sequentially at the time of selection, the systematic selection process is incorporated in each random group.

^{1/} Some of the standard errors used in the generalization described here are displayed in Table H, Col. (2), pp. 72-74.

The formula used to estimate the variance of a total for each Census region was (the variances for U.S. totals were obtained by adding the variances for the four regions):

$$\sigma_{x'_r}^2 = \frac{t}{t-1} \sum_{i=1}^{17} \sum_{j=1}^t (x_{rij} - \bar{x}_{ri})^2$$

where x_{rij} is the weighted total for the j^{th} random group in the i^{th} stratum in the r^{th} Census region for characteristic x , and

$$\bar{x}_{ri} = \frac{1}{t} \sum_{j=1}^t x_{rij}$$

the average x characteristic per random group in the i^{th} stratum.

t = number of random groups ($t = 10$ in this instance).

The 17 strata used in the estimation of the standard errors are:

White owner households by size groups:

- 1 and 2 persons
- 3 persons
- 4 "
- 5 "
- 6 "
- 7 "
- 8 or more persons,

White renter households by size groups:

- 1 person
- 2 persons
- 3 "
- 4 "
- 5 "
- 6 "
- 7 or more persons,

Nonwhite owner households,

Nonwhite renter households, and

All group-quarters persons.

Comparison of Generalized and Computed Standard Errors

Table H, pp. 72-74, shows the relationship between the standard error as computed from the one-in-one-thousand sample and the approximate standard error given by Tables B, C, or D. Column (1) of Table H shows the estimate of the characteristic, column (2) shows the standard error computed for the item by the method of random groups, column (3) shows standard error as read from the appropriate Table B, C, or D, and column (4) shows the characteristic type. The table also shows further examples of characteristics in Types I, II, and III. The effect of the composition of the typical household on the standard error is also illustrated. Note, for example, female non-heads ages under 24 are classed as Type II while for ages 25 and above (i.e., typically the housewife) the characteristic is treated as Type I.

Note: The figures in this table were calculated using data from an earlier one-in-one-thousand sample selected using the same sample design employed here. While the figures may not be in exact agreement with figures from the present sample, they accurately reflect the comparisons which the table was designed to illustrate.

Standard Errors for Intermediate-Sized Samples

The tables provided for the one-in-one-hundred, one-in-one-thousand, and one-in-ten-thousand samples may be used to measure sampling variability for intermediate-sized samples by adjusting for sample size. This is done by dividing the tabulated standard error for the next smallest tabulated sample size by the square root of the number of smaller samples used. For example, to find the standard error for an estimate based on a three-in-one-thousand sample, first find the tabulated standard error for the next smallest sample size; that is, locate the size of estimate in the appropriate table and read the standard error for the one-in-one-thousand sample. Divide this figure by $\sqrt{3}$ to get the standard error for data from a three-in-one-thousand sample.

Estimation of Standard Error for Types of Statistics not Shown in the Tables

The tabulated values for standard errors will be adequate for data giving a level or percentage. In some instances, however, it may be necessary to have a rough estimate of sampling variability for a statistic not covered by the tables (e.g., an index). The random group method may be used directly in such a situation by applying the following formula:

$$\sigma_{\theta}^2 = \frac{1}{t(t-1)} \sum_j^t (\theta_j - \theta)^2$$

where θ is the statistic of interest computed from the full sample;

θ_j is the statistic computed from the j^{th} random group; and

t is the number of random groups.

The statistic θ may be an index, a regression or correlation coefficient, or other measure for which the following approximate relationship holds:

$$E\theta_j = E\theta$$

where $E\theta_j$ and $E\theta$ indicate the expected values of the measure for the j^{th} random group and the full sample respectively. Thus, for example, the formula does not apply for θ defined as an estimated total number of persons or housing units in a category.

The procedure specified by the formula for σ_{θ}^2 requires the following steps:

1. Use $t = 50$ when dealing with the 1-in-100 sample or $t = 10$ with the 1-in-1,000 sample. (See note below for use of other values of t .)
2. Assign each of the records to one of the t random groups based on the subsample number (item H93-94).
 - a. To construct 50 random groups, assign all records in which the subsample number is 01 or 51 to the first random group; all records in which the subsample number is 02 or 52 to the second random group; etc. Finally, assign all records in which the subsample number is 50 or 00 to random group number 50.
 - b. To construct 10 random groups of the 1-in-1,000 sample, assign all records with a 1 in the tens digit to random group 1; those with a 2 in the tens digit to random group 2; etc.
3. Independently within each random group, calculate the desired measure (θ_j) as if the records for that random group were the entire sample.
4. Compute the desired measure (θ) on the entire sample.
5. Compute the t values $(\theta_j - \theta)^2$ and apply in the above formula.
6. The square root of the result is the desired standard error.

Note: The user is cautioned that the standard error given by this procedure is itself subject to sampling error. Some control can be put on the reliability of the estimated σ_{θ}^2 by the number of random groups used. The total sample can be separated into different numbers of random groups by different schemes involving the subsample numbers which for the 1-in-100 sample range from 00 to 99. Ideally, each random group should represent the total sample.

The number of random groups should be chosen to maximize the reliability of the estimate σ_{θ}^2 . The reliability of the estimated σ_{θ}^2 will depend on the number of degrees of freedom in the estimate (i.e., by the choice of t , the number of random groups), and the number of units in each of the resulting random groups. As a general rule, when estimating σ_{θ}^2 using the 1-in-100 sample, choosing $t = 50$ would produce reasonably reliable estimates of σ_{θ}^2 for most statistics. One might choose a smaller value for t to estimate the sampling errors for statistics for a given State. The considerations leading to the proper choice of t are described in several statistical texts (for example, Hansen, Hurwitz, Madow, Sample Survey Methods and Theory, Vol. I, Chapter 10, Section 16, page 440 ff).

For the 1-in-1,000 sample, the tens digits of the subsample number ranges from 0 to 9 and can be used to define 10 random groups (the units digit is fixed). When this sample is being used, the choice of t is limited to a maximum of $t = 10$.

Table H. Estimated Totals Based on One-in-One-Thousand Sample with Standard Errors
Approximated by Computation Using Random Groups and by Use of Tables B, C or D 2/

Item	Estimate (000)	Approximate Standard Errors		
		Computed by random groups (000)	From Tables B, C or D	
			Interpolated value (000)	Characteristic type
	(1)	(2)	(3)	(4)
White				
Males				
Rural Farm	6,164	118	128	III
Rural Non-farm	18,587	199	211	III
Non-Heads				
Age under 5 years	8,868	88	99	II
5 - 13 years	14,559	113	126	II
14 - 24 years	9,761	103	106	II
25 - 44 years	2,784	57	55	II
45 years and over	2,548	51	54	II
Females				
Rural Farm	5,749	103	128	III
Rural Non-farm	18,122	187	203	III
Non-Heads				
Age under 5 years	8,541	84	96	II
5 - 13 years	14,112	97	127	II
14 - 24 years	11,599	106	115	II
25 - 44 years	19,783	95	92	I
45 years and over	19,100	111	92	I
Non-White				
Males				
Rural Farm	830	54	45	III
Rural Non-farm	1,911	62	72	III
Non-Heads				
Age under 5 years	1,408	34	39	II
5 - 13 years	2,149	43	45	II
14 - 24 years	1,402	43	39	II
25 - 44 years	680	28	28	II
45 years and over	437	22	22	II
Females				
Rural Farm	815	59	47	III
Rural Non-farm	1,953	58	62	III
Non-Heads				
Age under 5 years	1,377	26	38	II
5 - 13 years	2,141	36	48	II
14 - 24 years	1,659	28	42	II
25 - 44 years	2,112	33	38	I
45 years and over	1,656	29	34	I

(Continued)

Table H. Estimated Totals Based on One-in-One-Thousand Sample with Standard Errors Approximated by Computation Using Random Groups and by Use of Tables B, C, or D (Cont'd) 2/

Item	Estimate (000)	Approximate Standard Errors		
		Computed by random groups (000)	From Tables B, C or D	
			Interpolated value (000)	Characteristic type
	(1)	(2)	(3)	(4)
Highest Grade of School Completed				
Age 25 and Over				
None, Elementary 1-4	8,102	99	92	II
Elementary 5 or 6	7,351	91	91	II
Elementary 7	6,313	85	83	II
College, 1-3 years	8,808	97	99	II
College, 4 yrs. or over	7,614	94	92	II
In Civilian Labor Force				
At work	62,777	181	<u>3/</u>	II
With a job, not at work	1,665	41	43	II
Unemployed	3,609	66	62	II
All Housing Units				
Without Telephones	11,258	85	70	I
Built before 1950	38,354	89	<u>3/</u>	I
Heating Equipment				
Electric built-in units	656	23	21	I
Not heated	505	17	19	I
Dilapidated	2,353	40	40	I
Number of Bedrooms				
1	8,840	179	156 <u>5/</u>	I
3	17,155	264	<u>3,5/</u>	I
4 or more	6,060	142	134 <u>2/</u>	I
Owner-Occupied Units				
Whites	30,769	3	<u>3,4/</u>	I
Non-whites	1,974	1	36 <u>4/</u>	I
With 7 or more rooms	7,382	75	66	I
With 1 person per room	29,970	37	<u>3/</u>	I
Value				
Less than \$5,000	3,085	56	46	I
\$5,000 - \$9,900	6,493	64	62	I
\$35,000 or more	756	21	23	I

(Continued)

Estimated Totals Based on One-in-One-Thousand Sample with Standard Errors Approximated by Computation Using Random Groups and by Use of Tables B, C, or D (Cont'd) 2/

Item	Estimate (000)	Approximate Standard Errors		
		Computed by random groups (000)	From Tables B, C or D	
			Interpolated value (000)	Characteristic type
	(1)	(2)	(3)	(4)
Water-Occupied Units				
Whites	17,084	3	3/	I
Non-whites	3,060	-	45 4/	I
With 7 or more rooms	1,219	32	30 3/	I
With 1 person per room	16,852	31		I
Gross Rent				
Under \$30	1,032	28	28	I
\$30 - \$59	5,194	58	58	I
\$150 or more	574	25	21	I
Contract Rent				
Under \$30	2,301	46	41	I
\$30 - \$59	7,028	69	66	I
\$150 or more	370	19	16	I

The figures in this table were calculated using data from an earlier one-in-one-thousand sample selected using the same sample design employed here. While the figures may not be in exact agreement with figures from the present sample, they accurately reflect the comparisons which the table was designed to illustrate.

Standard error not quoted in tables because non-sampling errors contribute substantially to total survey error for estimates of this magnitude.

Computed standard error less than given in Tables B, C, or D since item describes a stratum within which sample selection was controlled.

Based on a one-in-five-thousand sample.

TABLE I.

States	Total Population		Urban Population		Negro Population		Persons, 14 and Over	
	Full Census Count	1% P.U.S. (Inflated)	Full Census Count	1% P.U.S. (Inflated)	Full Census Count	1% P.U.S. (Inflated)	Full Census Count	1% P.U.S. (Inflated)
Alabama	3,266,740	3,290,200	1,795,169	1,810,400	980,271	990,900	2,217,503	2,206,000
Alaska	226,167	226,200	85,767	82,700	6,771	6,500	148,753	147,000
Arizona	1,302,161	1,305,400	970,616	984,800	43,403	40,500	871,195	877,000
Ark.	1,786,272	1,809,700	765,303	773,100	338,787	396,000	1,249,421	1,256,000
Calif.	15,720,860	15,753,500	13,576,812	13,608,100	883,861	867,000	11,185,115	11,173,500
Colo.	1,753,925	1,760,700	1,292,768	1,264,600	39,992	38,900	1,211,350	1,200,000
Conn.	2,535,234	2,544,800	1,925,567	2,003,100	107,449	108,300	1,824,326	1,835,000
Del.	446,292	447,400	292,788	299,800	60,688	59,800	309,124	308,000
D.C.	763,956	763,800	763,956	763,800	411,737	412,500	578,693	577,000
Fla.	4,952,788	4,971,000	3,662,611	3,685,500	880,186	891,500	3,558,427	3,547,000
Ga.	3,942,936	3,976,900	2,180,056	2,204,400	1,122,596	1,128,400	2,698,197	2,695,000
Hawaii	632,772	637,900	483,961	488,800	4,943	3,900	426,495	427,000
Idaho	657,191	674,400	317,097	325,300	1,502	1,100	447,392	447,000
Ill.	10,081,653	10,119,200	8,140,826	8,171,000	1,037,470	1,038,900	7,219,130	7,247,000
Ind.	4,662,451	4,676,800	2,910,291	2,909,200	269,275	268,900	3,250,845	3,258,000
Iowa	2,757,537	2,778,100	1,463,484	1,483,100	25,354	23,700	1,941,186	1,947,000
Kan.	2,178,618	2,191,700	1,328,747	1,326,300	91,445	91,000	1,536,315	1,547,000
Ky.	3,033,156	3,049,300	1,353,215	1,359,900	215,949	216,600	2,110,694	2,107,000
La.	3,257,022	3,283,600	2,060,606	2,059,800	1,039,207	1,046,000	2,164,411	2,166,000
Maine	969,265	973,500	497,114	507,700	3,318	2,600	683,324	687,000
Md.	3,100,687	3,104,400	2,253,830	2,248,500	518,410	522,700	2,155,258	2,153,500
Mass.	5,149,317	5,160,200	4,303,269	4,316,800	111,842	116,800	3,740,142	3,757,000
Mich.	7,824,965	7,823,600	5,740,903	5,745,900	717,591	720,600	5,349,562	5,357,000
Minn.	3,413,864	3,432,800	2,121,003	2,141,500	22,260	22,200	2,344,475	2,340,000
Miss.	2,178,141	2,208,000	820,805	840,000	915,743	935,800	1,479,473	1,440,000
Mo.	4,320,774	4,340,100	2,877,518	2,888,600	390,853	394,600	3,117,623	3,111,000
Mont.	674,767	682,500	383,457	340,400	1,467	2,000	458,398	360,000
Nebr.	1,411,330	1,424,600	766,053	757,800	29,262	28,000	996,250	997,000
Nev.	285,278	288,200	200,704	205,900	13,434	14,500	202,053	207,000
N. H.	606,921	603,700	353,766	357,100	1,903	1,000	433,134	436,000
N. J.	6,067,412	6,093,000	5,374,369	5,393,100	514,875	519,300	4,404,234	4,406,000
N. Mex.	951,023	957,200	625,174	627,300	17,063	17,600	606,859	610,000
N. Y.	16,783,604	16,853,700	14,333,225	14,420,200	1,417,511	1,420,200	12,388,705	12,380,000
N. C.	4,556,155	4,553,800	1,801,921	1,770,200	1,116,021	1,113,100	3,118,526	3,126,000
N. Dak.	632,446	639,400	222,708	223,700	777	1,100	425,942	432,000
Ohio	9,707,136	9,667,800	7,123,901	7,095,900	786,097	782,700	6,767,225	6,730,000
Okla.	2,328,284	2,347,800	1,464,972	1,477,600	153,084	169,800	1,668,310	1,670,000
Oreg.	1,768,657	1,784,200	1,100,110	1,105,200	18,133	17,800	1,251,249	1,247,000
Pa.	11,320,580	11,351,700	8,102,890	8,110,600	852,750	857,300	8,186,025	8,191,000
R. I.	859,488	863,400	742,897	754,400	18,332	1,300	627,705	626,000
S. C.	2,382,594	2,394,500	981,386	972,000	829,291	83,600	579,355	1,501,900
S. Dak.	680,514	693,300	267,180	260,700	1,114	1,500	463,075	470,000
Tenn.	3,567,098	3,572,200	1,864,828	1,872,700	586,876	590,200	2,499,344	2,500,000
Tex.	9,581,508	9,612,200	7,188,380	7,179,400	1,187,125	1,199,300	6,562,932	6,570,000
Utah	890,627	891,800	667,158	665,400	4,148	3,100	571,533	570,000
Vet.	389,881	390,600	148,921	150,700	519	500	273,514	271,000
Va.	3,954,429	3,979,200	2,204,913	2,229,200	816,258	822,600	2,753,069	2,750,000
Wash.	2,853,214	2,870,400	1,943,249	1,962,900	48,738	47,600	2,005,602	2,001,000
W. Va.	1,860,421	1,871,300	711,101	710,400	89,378	90,500	1,295,415	1,300,000
Wis.	3,952,485	3,965,300	2,522,887	2,528,200	74,546	71,900	2,743,629	2,750,000
Wyo.	330,066	333,800	187,551	186,300	2,183	1,200	223,866	227,000

TABLE I (Continued)

States	Primary Families		Persons in Group Quarters		Civilian Labor Force		Occupied Housing Units	
	Full Census Count	1% P.U.S. (Inflated)	Full Census Count	1% P.U.S. (Inflated)	Full Census Count	1% P.U.S. (Inflated)	Full Census Count	1% P.U.S. (Inflated)
Ala.	781,890	788,800	64,841	63,100	1,129,975	1,120,800	884,116	883,700
Alaska	46,261	47,000	26,185	26,200	66,770	64,500	57,250	57,500
Ariz.	309,743	311,800	37,524	36,900	453,988	458,800	366,630	367,000
Ark.	446,345	450,400	34,128	33,800	601,484	604,700	523,552	523,200
Calif.	3,954,576	3,989,400	509,772	512,800	6,135,341	6,128,800	4,982,108	4,979,500
Colo.	434,282	439,000	56,712	56,100	652,805	644,500	529,419	529,200
Conn.	648,428	653,400	74,613	74,400	1,058,750	1,068,500	752,736	752,500
Del.	110,395	110,300	13,259	13,600	170,752	173,200	128,582	122,200
D. C.	169,985	172,300	41,748	41,500	356,297	358,000	252,066	251,200
Fla.	1,280,928	1,291,800	134,440	134,900	1,810,903	1,807,300	1,550,414	1,549,900
Ga.	941,132	949,200	110,875	109,800	1,449,944	1,452,500	1,070,325	1,070,200
Hawaii	129,431	129,500	39,965	39,700	218,440	222,400	153,064	152,500
Idaho	163,880	165,400	13,017	12,900	246,839	250,700	193,839	194,000
Illinois	2,566,927	2,585,900	261,923	262,000	4,083,148	4,098,400	3,084,971	3,084,800
Indiana	1,185,780	1,197,200	109,481	109,000	1,793,225	1,796,600	1,387,878	1,388,100
Iowa	702,939	711,000	70,196	69,200	1,052,632	1,061,300	841,357	841,300
Kansas	562,940	567,500	64,187	63,900	813,591	816,800	672,899	673,500
Ky.	744,674	751,200	81,475	81,600	996,194	988,500	851,667	852,200
La.	762,873	767,100	68,759	67,400	1,073,286	1,066,200	892,344	892,000
Maine	237,181	241,500	33,752	34,000	353,398	358,900	280,355	280,200
Md.	756,000	761,100	95,354	96,200	1,190,791	1,188,000	863,001	863,400
Mass.	1,279,692	1,290,400	193,714	192,900	2,087,874	2,105,000	1,534,985	1,534,800
Mich.	1,929,379	1,938,400	163,662	165,700	2,930,348	2,934,300	2,239,079	2,235,400
Minn.	829,842	836,900	88,658	87,900	1,298,965	1,296,200	991,981	991,900
Miss.	495,366	500,100	52,657	51,000	721,623	725,500	568,070	568,700
Mo.	1,119,272	1,132,600	116,955	116,900	1,639,427	1,643,300	1,360,054	1,359,300
Mont.	162,399	165,600	17,409	17,400	248,073	252,200	202,240	202,200
Nebr.	360,537	365,200	39,502	39,300	542,658	545,300	433,448	433,100
Nev.	71,652	72,200	9,099	9,500	119,842	120,400	91,520	91,700
N. H.	151,547	153,000	24,276	24,400	244,857	247,400	180,020	179,600
N. J.	1,566,954	1,578,000	154,583	153,800	2,457,722	2,464,900	1,806,439	1,806,400
N. Mex.	219,151	220,900	24,523	24,500	306,100	312,600	251,209	251,200
N. Y.	4,287,558	4,334,200	465,527	461,800	6,958,335	6,967,200	5,248,710	5,247,900
N. C.	1,082,301	1,088,200	142,777	142,200	1,680,442	1,680,900	1,204,715	1,204,800
N. Dak.	147,659	149,500	17,608	17,800	226,319	228,200	173,362	173,400
Ohio	2,444,185	2,449,800	212,193	206,100	3,707,164	3,706,300	2,852,557	2,832,700
Okla.	606,988	614,000	66,576	66,300	821,936	823,800	734,593	735,400
Oreg.	453,975	458,700	45,732	45,700	679,553	681,100	559,214	558,400
Pa.	2,874,079	2,897,800	272,390	273,100	4,401,898	4,397,900	3,350,839	3,350,900
R. I.	217,893	219,400	40,268	40,300	335,069	337,500	257,335	257,500
S. C.	536,516	540,900	82,801	81,400	838,301	843,200	603,551	603,100
S. Dak.	164,295	166,200	20,330	20,300	248,380	251,900	194,821	195,000
Tenn.	886,295	890,600	79,090	78,000	1,289,401	1,290,300	1,003,301	1,003,200
Tex.	2,368,412	2,390,200	243,222	242,000	3,473,516	3,475,300	2,778,116	2,777,100
Utah	208,049	208,900	16,527	16,900	315,198	310,200	241,532	251,000
Vermont	93,048	93,500	14,950	15,200	148,234	145,587	894,168	110,700
Va.	946,056	953,700	174,367	168,100	1,399,517	1,396,500	1,072,840	1,073,400
Wash.	716,480	725,900	90,943	89,800	1,072,492	1,072,200	894,168	894,400
W. Va.	455,587	459,500	32,547	31,900	587,232	593,000	521,142	520,200
Wis.	977,434	984,500	97,691	96,800	1,527,722	1,526,800	1,146,342	1,146,500
Wyo.	81,500	82,000	10,000	10,000	100,000	100,000	80,000	80,000

V. 1/1,000 and 1/10,000 Marginals From 1960 Public Use Sample

The following section provides marginals from the 1960 Public Use Sample 1/1,000 and 1/10,000 files for all data items. All income, occupation and rent categories are displayed. Use of these data by the researcher should provide an indication of what is available in the 1960 Public Use Samples before actual manipulation of the samples is undertaken. In some cases, presentation of the marginals should relieve the researcher of having to use the samples to obtain simple data.

Grand Totals

The grand totals for the household and person records are provided as a check on the individual researcher's files.

	<u>1/1,000</u>	<u>1/10,000</u>
Household Record	57922	5792
Person Record	180047	17958

Headhold Record Marginals

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H7-8 State of	Alabama	1	947	95
Residence	Alaska	2	84	5
STATERES	Arizona	4	401	41
	Arkansas	5	557	53
	California	6	5495	550
	Colorado	8	536	60
	Connecticut	9	829	83
	Delaware	10	144	12
	District of Columbia	11	294	27
	Florida	12	1683	168
	Georgia	13	1180	121
	Hawaii	15	192	18
	Idaho	16	204	22
	Illinois	17	3349	333
	Indiana	18	1500	150
	Iowa	19	911	94
	Kansas	20	735	76
	Kentucky	21	935	93
	Louisiana	22	960	97
	Maine	23	315	31
	Maryland	24	956	97
	Massachusetts	25	1731	171
	Michigan	26	2407	243
	Minnesota	27	1081	107
	Mississippi	28	617	60
	Missouri	29	1473	146
	Montana	30	224	22
	Nebraska	31	470	47
	Nevada	32	101	9
	New Hampshire	33	205	23
	New Jersey	34	1961	198
	New Mexico	35	273	27
	New York	36	5711	569
	North Carolina	37	1345	137
	North Dakota	38	191	20
	Ohio	39	3037	306
	Oklahoma	40	202	21
	Oregon	41	607	60
	Pennsylvania	42	3623	350
	Rhode Island	44	296	30
	South Carolina	45	634	62
	South Dakota	46	219	19
	Tennessee	47	1034	109
	Texas	48	3018	303
	Utah	49	261	23
	Vermont	50	122	13
	Virginia	51	1243	124

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
	Washington	53	982	102
	West Virginia	54	552	55
	Wisconsin	55	1240	125
	Wyoming	56	105	12
H9 Urban/Rural Residence URBANRES	Urban	0	40550	4040
	Rural	1	15876	1610
	Not applicable	2	1496	142
H10 Metropolitan/ Nonmetropolitan Residence METRORES	Metropolitan	0	33940	3375
	Nonmetropolitan	1	15166	1550
	Not applicable	2	8816	867
H11 Central City/ Non-Central City Res CITYRES	In central city of SMSA	0	18204	1793
	Not in a central city	1	31121	3140
	Not applicable	2	8597	859
H12-13 Number of Persons in Housing Unit NPERSON	1 person (includes group quarters)	1	11980	1200
		2	14894	1489
		3	10012	1001
		4	9112	912
		5	5860	586
		6	3122	312
		7	1435	144
		8	712	78
		9	365	34
		10	209	24
		11	111	4
		12	48	4
		13	30	1
		14	23	2
		15	6	0
	16-17 persons	16-17	3	1
H14-15 Residence in Group Quarters GROUPRES	Not group quarters	00	53000	5299
	Group quarters	11	4922	493
H18 Telephone Available PHONE	Yes	0	41425	4112
	No	1	11575	1187
	Not applicable (G.Q.)	2	4922	493
H19 Access to Unit ENTRANCE	Direct	0	52960	5296
	Indirect	1	40	3
	Not applicable (G.Q.)	2	4922	493
H20 Kitchen or Cooking Facilities KITCHEN	Exclusive use	0	52373	5231
	Shared or none	1	627	68
	Not applicable (G.Q.)	3	4922	493

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H21 Number of Rooms NROOM	1 room	0	1225	120
	2 rooms	1	2152	206
	3 rooms	2	6036	604
	4 rooms	3	11091	1138
	5 rooms	4	13236	1347
	6 rooms	5	10707	1004
	7 rooms	6	4768	495
	8 rooms	7	2162	225
	9 rooms or more Not applicable (G.Q.)	8 9	1623 4922	160 493
H22 Presence of Hot and Cold Piped Water HOTWATER	Yes	0	47216	4708
	No, only cold piped water	1	2735	277
	No piped water	2	3049	314
	Not applicable (G.Q.)	3	4922	493
H23 Flush Toilet TOILET	Yes, for this household only	0	46956	4699
	Yes, but also used by another household	1	1440	127
	No flush toilet	2	4604	473
	Not applicable (G.Q.)	3	4922	493
H24 Bathtub or Shower SHOWER	Yes, for this household only	0	46225	4614
	Yes, but also used by another household	1	1414	125
	No bathtub or shower	2	5361	560
	Not applicable (G.Q.)	3	4922	493
H25 Plumbing Facilities Recode PLUMBING	With all plumbing facilities	0	45267	4519
	Lacking hot water only	1	798	82
	Lacking other plumbing facilities	2	6935	698
	Not applicable (G.Q.)	3	4922	493
H26 Basement BASEMENT	With a basement	0	23630	2364
	On a concrete slab	1	5318	535
	Built in another way	2	13396	1330
	Not applicable (5% form)	3	10656	1070
	Not applicable (G.Q.)	4	4922	493
H27 Tenure TENURE	Owned or being bought	0	32784	3278
	Rented for cash rent	2	18028	1819
	No cash rent	3	2188	202
	Not applicable (G.Q.)	4	4922	493
H28 Commercial Use OTHERUSE	1 unit, with business	0	411	38
	1 unit, no business	2	25515	2571
	Not applicable	3	31996	3183

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1.10,</u>
H29-30 Value of Property for Specified Owner Units HOUSVALU	Under \$5,000	00	3076	318
	\$5,000 - \$7,400	01	3169	318
	\$7,500 - \$9,900	02	3383	325
	\$10,000 - \$12,400	03	3973	410
	\$12,500 - \$14,900	04	3467	363
	\$15,000 - \$17,400	05	2884	284
	\$17,500 - \$19,900	06	1749	171
	\$20,000 - \$24,900	07	1863	196
	\$25,000 - \$34,900	08	1206	117
	\$35,000 or more	09	745	69
	Not applicable	11	32407	3221
H31-33 Contract Monthly Rent for Specified Renter Unit CONTRENT	\$1 - \$19	001	946	102
	\$20 - \$29	002	1422	143
	\$30 - \$39	003	1974	213
	\$40 - \$49	004	2433	254
	\$50 - \$59	005	2574	257
	\$60 - \$69	006	2590	249
	\$70 - \$79	007	1939	184
	\$80 - \$99	008	2091	207
	\$100 - \$119	009	956	100
	\$120 - \$149	010	549	56
	\$150 - \$199	011	216	27
	\$200 or more	012	155	15
	Not applicable	013	40072	35
H34-36 Gross Monthly Rent for Specified Units GROSRENT	\$1 - \$19	001	321	41
	\$20 - \$29	002	762	73
	\$30 - \$39	003	1218	115
	\$40 - \$49	004	1711	199
	\$50 - \$59	005	2205	202
	\$60 - \$69	006	2495	257
	\$70 - \$79	007	2417	247
	\$80 - \$99	008	3493	324
	\$100 - \$119	009	1713	150
	\$120 - \$149	010	922	104
	\$150 - \$199	011	397	37
	\$200 or more	012	184	15
	Not applicable	013	40072	3992
H37 Rent Includes Land Used for Farming LANDRENT	Yes	0	163	16
	No	1	7517	753
	Not applicable (PH4)	3	10170	1001
	Not applicable	4	40072	3992
H38 Report Form REPOTYPE	20% Sample, form PH3	0	26182	2613
	20% Sample, form PH4	1	16162	1616
	5% Sample, form PH3	2	6694	671
	5% Sample, form PH4	3	3962	399
	Not applicable (G.Q.)	4	4922	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H39 Condition of Housing HOUSCOND	Sound	0	43756	4380
	Deteriorating	1	7004	689
	Dilapidated	2	2240	230
	Not applicable (G.Q.)	3	4922	493
H51 Heating Equipment HEATING	Steam or hot water	0	12106	1171
	Central warm air furnace	1	17161	1730
	Built in electric unit	2	667	69
	Floor, wall or pipeless furnace	3	6122	647
	Other means, with flue	4	11252	1131
	Other means, no flue	5	5192	505
	Not heated	7	500	46
	Not applicable (G.Q.)	8	4922	493
H52 Year Structure Built BUILTYR	1959 or 1960	0	1684	170
	1955 - 1958	1	5717	555
	1950 - 1954	2	7091	702
	1940 - 1949	3	7909	793
	1930 - 1939	4	5882	558
	1929 or earlier	5	24717	2521
	Not applicable (G.Q.)	6	4922	493
H53 Units in Structure NUNITS	1 unit, detached	0	29014	2880
	1 unit, attached	1	2658	273
	2 units	2	3208	331
	3 - 4 units	3	2272	225
	5 - 9 units	4	1519	169
	10 - 19 units	5	992	91
	20 - 49 units	6	1087	103
	50 or more units	7	927	95
	Mobile home or trailer	8	667	62
	Not applicable (G.Q. or 5% form)	9	15578	1563
H54 Location of Structure FARMLOCA	On a city lot	0	18700	1977
	On a place less than 10 acres	1	8248	360
	On a place of 10 or more acres	2	5928	547
	Not applicable (PH4)	3	20124	2015
	Not applicable (G.Q.)	4	4922	493
H55 Sales of Farm Products FARMPROD	Less than 10 acres and sales \$250 or more	0	300	37
	Less than 10 acres and sales less than \$250	1	7948	823
	10 acres or more and sales \$50 or more	2	4016	376

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H55 Sales of Farm Products (Cont'd)	10 acres or more and sales less than \$50	3	1912	171
	Not applicable (on a city lot or PH4)	6	38824	3892
	Not applicable (G.Q.)	7	4922	493
H56 Source of Water WATERSOU	Public System	0	17383	1726
	Individual well	1	7591	762
	Some other source	2	1208	125
	Not applicable (5% or PH4, 20% form)	3	26818	2686
	Not applicable (G.Q.)	4	4922	493
H57 Sewage Disposal SEWAGE	Yes, connected to public sewer	0	12839	1271
	No, connected to septic tank	1	9654	972
	No, use other means	2	3689	370
	Not applicable (5% or PH4, 20% form)	3	26818	2686
	Not applicable (G.Q.)	4	4922	493
H58 Number of Bathrooms NBATH	No bathroom, or only a half	0	6169	617
	1 complete bathroom	1	29519	2951
	1 complete bathroom, plus half	2	3050	261
	2 or more complete bathrooms	3	3606	353
	Not applicable (5% form)	4	10656	1070
	Not applicable (G.Q.)	5	4922	493
H59 Air Condition- ing AIRCON	1 room unit	0	850	82
	2 or more room units	1	305	35
	Central system	2	195	15
	No air conditioning	3	9305	933
	Not applicable (20% form)	4	42344	4227
	Not applicable (G.Q.)	5	4922	493
H60 Automobiles NAUTO PH3 FORM (5%)	None	0	1021	532
	1 automobile	1	3956	849
	2 automobiles	2	1519	215
	3 or more automobiles	3	188	20
	Not applicable (20% PH3)	4	26162	
	Not applicable (G.Q.)	5	4922	493
H60 Automobiles NAUTO PH4 FORM (20%)	None	0	5028	106
	1 automobile	1	8455	420
	2 automobiles	2	2342	133
	3 or more automobiles	3	337	12
	Not applicable (5% PH4)	4	3962	
	Not applicable (G.Q.)	5	<u>1/</u>	

1/ Group quarters figure can only be counted once for the grand total of H60.
PH4 and PH3 forms

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H61 Bedrooms NBEDROOM	No bedroom	0	376	32
	1 bedroom	1	1697	175
	2 bedrooms	2	3832	398
	3 bedrooms	3	3500	339
	4 or more bedrooms	4	1251	126
	Not applicable (20% form)	6	42344	4229
	Not applicable (G.Q.)	7	4922	493
H62 Clothes Washing Machine WASHER	Automatic or semi-automatic or washer-dryer	0	4404	428
	Wringer or separate spinner	1	3470	336
	None	2	2782	306
	Not applicable (20% form)	3	42344	4229
	Not applicable (G.Q.)	4	4922	493
H63 Clothes Dryer DRYER	Electrically heated clothes dryer	0	1471	142
	Gas heated clothes dryer	1	574	50
	None	2	8611	878
	Not applicable (20% form)	3	42344	4229
	Not applicable (G.Q.)	4	4922	493
H64 Stories and Elevators ELEVATOR	3 stories or less	0	14283	1441
	4 or more stories with elevator	1	968	99
	4 or more stories, walkup	2	911	76
	Not applicable (5% or PH3, 20% form)	3	36838	3683
	Not applicable (G.Q.)	4	4922	493
H65 Home Food Freezer FREEZER	Yes	0	1960	193
	No	1	8696	877
	Not applicable (20% form)	2	42344	4229
	Not applicable (G.Q.)	3	4922	493
H66 Television Set TV	1 set	0	8209	836
	2 or more sets	1	1090	114
	None	2	1357	120
	Not applicable (20% form)	3	42344	4229
	Not applicable (G.Q.)	4	4922	493
H67 House Heating Fuel HEATFUEL	Utility gas	0	4620	483
	Bottled, tank or LP gas	1	516	44
	Electricity	2	174	22
	Fuel oil, kerosene, etc.	3	3484	344
	Coal or coke	4	1241	130
	Wood	5	475	34
	Other fuel	6	54	2
	No fuel used	7	92	11
	Not applicable (20% form)	8	42344	4229
	Not applicable (G.Q.)	9	4922	493

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H68 Radio RADIO	1 radio	0	5985	598
	2 or more radios	1	3812	379
	None	3	859	93
	Not applicable (20% form)	4	42344	4229
	Not applicable (G.Q.)	5	4922	493
H70 Household Type HOUSTYPE	Husband-wife family	1	39640	3925
	Other family with male head	2	1311	130
	Family with female head	3	4124	454
	Male primary individual	4	2898	305
	Female primary individual	5	5027	482
	Group quarters	6	4922	493
H71 Head's Race HEADRACE	White	0	47843	4784
	Negro	1	4761	482
	Indian	2	120	7
	Japanese	3	115	10
	Chinese	4	79	9
	Filipino	5	41	5
	Other (including Hawaiian, Korean, Aleut, and Eskimo)	8	41	2
	Not applicable (G.Q.)	9	4922	493
	H72-73 Head's Age HEADAGE	14 years old	14	6	0
15 years old		15	3	2
16 " "		16	6	0
17 " "		17	19	0
18 " "		18	77	6
19 " "		19	172	13
20 " "		20	275	26
21 " "		21	393	39
22 " "		22	546	59
23 " "		23	548	61
24 " "		24	663	71
25 " "		25	797	70
26 " "		26	810	89
27 " "		27	855	88
28 " "		28	886	91
29 " "		29	996	95
30 " "		30	1020	103
31 " "		31	1026	83
32 " "		32	1158	123
33 " "		33	1066	106
34 " "		34	1003	116
35 " "	35	1204	122	
36 " "	36	1175	100	
37 " "	37	1229	110	
38 " "	38	1184	134	
39 " "	39	1182	122	
40 " "	40	1174	114	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H72-73 Head's Age (Cont'd)	41 years old	41	1177	122
	42 " "	42	1174	126
	43 " "	43	1117	121
	44 " "	44	1148	125
	45 " "	45	1215	103
	46 " "	46	1116	128
	47 " "	47	1195	109
	48 " "	48	1045	95
	49 " "	49	1087	114
	50 " "	50	1087	107
	51 " "	51	1042	105
	52 " "	52	1056	108
	53 " "	53	996	97
	54 " "	54	968	102
	55 " "	55	1018	105
	56 " "	56	1001	93
	57 " "	57	920	88
	58 " "	58	855	78
	59 " "	59	1011	97
	60 " "	60	328	100
	61 " "	61	845	80
	62 " "	62	775	80
	63 " "	63	776	58
	64 " "	64	800	87
	65 " "	65	815	89
	66 " "	66	717	72
	67 " "	67	751	67
	68 " "	68	632	68
	69 " "	69	648	65
	70 " "	70	651	52
	71 " "	71	606	52
	72 " "	72	561	64
	73 " "	73	509	66
	74 " "	74	494	48
	75 " "	75	439	49
	76 " "	76	373	23
	77 " "	77	352	29
	78 " "	78	307	28
	79 " "	79	262	26
	80 " "	80	204	31
81 " "	81	166	19	
82 " "	82	160	12	
83 " "	83	117	14	
84 " "	84	94	7	
85 " "	85	87	9	
86 " "	86	64	9	
87 " "	87	57	7	
88 " "	88	31	1	
89 " "	89	29	1	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H72-73 Head's Age (Cont'd)	90 - 99 years old	90-99	66	6
	100 or more	00	6	0
	Not applicable (G.Q.)	01	4922	493
H74 Spanish Sur- name (Head) SPANISH	White, Spanish surr.	0	799	63
	Negro and other race (except white), Spa.	1	20	2
	surname			
	Not applicable (one of the 5 Southwestern states)	2 3	8084 44097	829 4405
	Not applicable (G.Q.)	4	4922	493
H75 Persons Under 18 in Household TOTKID18	No persons under 18 (includes G.Q.)	0	30744	3064
	1 person under 18	1	8827	894
	2 persons under 18	2	8536	839
	3 persons under 18	3	5085	529
	4 persons under 18	4	2540	258
	5 persons under 18	5	1087	111
	6 persons under 18	6	563	57
	7 persons under 18	7	274	16
	8 persons under 18	8	159	15
	9 or more persons under 18	9	107	9
H77 Number of Related Children Under 18 in Household OTHKID18	No related children under 18 (includes G.Q.)	0	30962	309.
	1 related child under 18	1	8799	879
	2 related children under 18	2	8472	832
	3 related children under 18	3	5051	526
	4 related children under 18	4	2515	256
	5 related children under 18	5	1073	110
	6 related children under 18	6	561	57
	7 related children under 18	7	272	16
	8 related children under 18	8	156	15
	9 or more related children under 18	9	61	6
H78 Number of Related Children Under 6 Years Old in Household OTHKID6	No related children under 6 years (includes G.Q.)	0	40327	4327
	1 related child under 6 years	1	8058	790
	2 related children under 6 years	2	4632	469
	3 related children under 6 years	3	1654	147
	4 related children under 6 years	4	477	48
	5 related children under 6 years	5	95	11
	6 related children under 6 years	6	19	0
	7 related children under 6 years	7	2	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H78 Related Children Under 6 (Cont'd)	8 related children under 6 years	8	0	0
	9 or more related children under 6 years	9	0	0
H79 Number of Persons 65 Years and Over in Household TOTOLD65	No persons 65 years and over (includes G.Q.)	0	46173	4616
	1 person 65 years and over	1	8374	825
	2 persons 65 years and over	2	3203	334
	3 persons 65 years and over	3	162	16
	4 persons 65 years and over	4	9	0
	5 persons 65 years and over	5	1	1
	6 persons 65 years and over	6	0	0
	7 persons 65 years and over	7	0	0
	8 persons 65 years and over	8	0	0
	9 or more persons 65 years and over	9	0	0
H80 Number of Persons 60 Years and Over in House- hold (excluding Head) OTHOLD60	No persons 60 years and over (includes G.Q.)	0	49578	4953
	1 person 60 years and over	1	7801	785
	2 persons 60 years and over	2	493	52
	3 persons 60 years and over	3	45	1
	4 persons 60 years and over	4	5	1
	5 persons 60 years and over	5	0	0
	6 persons 60 years and over	6	0	0
	7 persons 60 years and over	7	0	0
	8 persons 60 years and over	8	0	0
	9 or more persons 60 years and over	9	0	0
H81 Presence of Roomers, Boarders or Lodgers NLODGER	No REL present in household	0	51218	5142
	RBL present in household	1	1782	157
	Not applicable (G.Q.)	2	4922	493
H82 Presence of Nonrelative in Household NONRELAT	No nonrelative present	0	52740	5269
	Nonrelative present	1	260	30
	Not applicable (G.Q.)	2	4922	493
H83 Presence of Relative Other than Wife or Own Child RELATIVE	No other relative present	0	46502	4595
	Other relative present	1	6498	704
	Not applicable (G.Q.)	2	4922	493
H84 Persons per Room PERSONRM	.50 or less	0	22109	2209
	.51 - .75	1	12439	1245
	.76 - 1.00	2	12425	1241
	1.01 - 1.50	3	4122	423
	1.51 - 2.00	4	1326	124
	2.01 or more	5	579	57
	Not applicable (G.Q.)	6	4922	493

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H85-87 Total Family Income or Income of Primary Individual FAMINCOM	Loss of \$1 - \$99	-00) ^{2/}		
	Income of \$1 - \$99	000)	255	21
	\$100 - \$199	001	222	24
	\$200 - \$299	002	204	15
	\$300 - \$399	003	350	27
	\$400 - \$499	004	284	29
	\$500 - \$599	005	425	30
	\$600 - \$699	006	568	47
	\$700 - \$799	007	596	62
	\$800 - \$899	008	542	63
	\$900 - \$999	009	560	51
	\$1,000 - \$1,099	010	684	60
	\$1,100 - \$1,199	011	415	47
	\$1,200 - \$1,299	012	680	69
	\$1,300 - \$1,399	013	449	45
	\$1,400 - \$1,499	014	409	47
	\$1,500 - \$1,599	015	550	56
	\$1,600 - \$1,699	016	411	47
	\$1,700 - \$1,799	017	401	41
	\$1,800 - \$1,899	018	541	50
	\$1,900 - \$1,999	019	413	--
	\$2,000 - \$2,099	020	763	59
	\$2,100 - \$2,199	021	446	50
	\$2,200 - \$2,299	022	455	44
	\$2,300 - \$2,399	023	420	31
	\$2,400 - \$2,499	024	496	41
	\$2,500 - \$2,599	025	542	40
	\$2,600 - \$2,699	026	456	53
	\$2,700 - \$2,799	027	449	36
	\$2,800 - \$2,899	028	464	55
	\$2,900 - \$2,999	029	364	17
	\$3,000 - \$3,099	030	639	75
	\$3,100 - \$3,199	031	435	15
	\$3,200 - \$3,299	032	469	53
	\$3,300 - \$3,399	033	420	37
	\$3,400 - \$3,499	034	387	45
	\$3,500 - \$3,599	035	563	02
	\$3,600 - \$3,699	036	529	61
	\$3,700 - \$3,799	037	433	41
	\$3,800 - \$3,899	038	489	47
\$3,900 - \$3,999	039	420	13	
\$4,000 - \$4,099	040	970	105	
\$4,100 - \$4,199	041	433	29	
\$4,200 - \$4,299	042	598	13	

^{2/} Although these two data items are indicated separately, they are read as a single item by the computer.

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H85-87 Total Family Income or Income of Primary Individual (Cont'd)	\$4,300 - \$4,399	043	479	36
	\$4,400 - \$4,499	044	447	46
	\$4,500 - \$4,599	045	639	69
	\$4,600 - \$4,699	046	445	48
	\$4,700 - \$4,799	047	463	56
	\$4,800 - \$4,899	048	640	77
	\$4,900 - \$4,999	049	489	42
	\$5,000 - \$5,099	050	1270	135
	\$5,100 - \$5,199	051	484	59
	\$5,200 - \$5,299	052	676	68
	\$5,300 - \$5,399	053	503	39
	\$5,400 - \$5,499	054	523	59
	\$5,500 - \$5,599	055	657	57
	\$5,600 - \$5,699	056	501	54
	\$5,700 - \$5,799	057	450	42
	\$5,800 - \$5,899	058	500	53
	\$5,900 - \$5,999	059	400	39
	\$6,000 - \$6,099	060	1088	107
	\$6,100 - \$6,199	061	414	44
	\$6,200 - \$6,299	062	559	46
	\$6,300 - \$6,399	063	411	43
	\$6,400 - \$6,499	064	448	39
	\$6,500 - \$6,599	065	605	67
	\$6,600 - \$6,699	066	391	30
	\$6,700 - \$6,799	067	432	48
	\$6,800 - \$6,899	068	442	39
	\$6,900 - \$6,999	069	348	35
	\$7,000 - \$7,099	070	810	82
	\$7,100 - \$7,199	071	329	40
	\$7,200 - \$7,299	072	448	54
	\$7,300 - \$7,399	073	368	32
	\$7,400 - \$7,499	074	315	34
	\$7,500 - \$7,599	075	521	40
	\$7,600 - \$7,699	076	315	29
	\$7,700 - \$7,799	077	309	35
	\$7,800 - \$7,899	078	330	34
	\$7,900 - \$7,999	079	266	23
	\$8,000 - \$8,099	080	646	70
	\$8,100 - \$8,199	081	265	31
	\$8,200 - \$8,299	082	295	33
	\$8,300 - \$8,399	083	275	28
\$8,400 - \$8,499	084	285	25	
\$8,500 - \$8,599	085	370	38	
\$8,600 - \$8,699	086	257	25	
\$8,700 - \$8,799	087	237	28	
\$8,800 - \$8,899	088	229	33	
\$8,900 - \$8,999	089	205	14	
\$9,000 - \$9,099	090	461	42	
\$9,100 - \$9,199	091	220	16	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10'</u>
H85-87 Total Family Income or Income of Primary Individual (Cont'd)	\$9,200 - \$9,299	092	255	31
	\$9,300 - \$9,399	093	230	13
	\$9,400 - \$9,499	094	220	19
	\$9,500 - \$9,599	095	250	33
	\$9,600 - \$9,699	096	217	31
	\$9,700 - \$9,799	097	169	20
	\$9,800 - \$9,899	098	163	23
	\$9,900 - \$9,999	099	160	16
	\$10,000 - \$10,999	105	1727	166
	\$11,000 - \$11,999	115	1181	113
	\$12,000 - \$12,999	125	853	72
	\$13,000 - \$13,999	135	593	63
	\$14,000 - \$14,999	145	410	40
	\$15,000 - \$15,999	155	339	30
	\$16,000 - \$16,999	165	235	23
	\$17,000 - \$17,999	175	184	24
	\$18,000 - \$18,999	185	173	15
	\$19,000 - \$19,999	195	117	9
	\$20,000 - \$20,999	205	147	14
	\$21,000 - \$21,999	215	101	8
	\$22,000 - \$22,999	225	72	8
	\$23,000 - \$23,999	235	63	5
	\$24,000 - \$24,999	245	57	7
	\$25,000 or more	250	643	
	\$100 - \$199 loss ^{3/}	-01	2	.
	\$200 - \$299 loss	-02	5	0
	\$300 - \$399 loss	-03	5	1
	\$400 - \$499 loss	-04	3	C
	\$500 - \$599 loss	-05	7	C
	\$700 - \$799 loss	-07	3	C
	\$800 - \$899 loss	-08	2	C
	\$900 - \$999 loss	-09	1	C
	\$1,000 - \$1,099 loss	-10	3	C
\$1,100 - \$1,199 loss	-11	1	C	
\$1,200 - \$1,299 loss	-12	2	1	
\$1,300 - \$1,399 loss	-13	1	C	
\$1,400 - \$1,499 loss	-14	2	C	
\$1,500 - \$1,599 loss	-15	1	C	
\$1,700 - \$1,799 loss	-17	1	C	
\$1,900 - \$1,999 loss	-19	1	C	
\$2,000 - \$2,099 loss	-20	1	0	
\$2,100 - \$2,199 loss	-21	1	C	
\$2,600 - \$2,699 loss	-26	1	0	
\$3,000 - \$3,099 loss	-30	1	C	
\$3,200 - \$3,299 loss	-32	1	C	
\$3,300 - \$3,399 loss	-33	1	0	
\$4,000 - \$4,099 loss	-40	1	C	
\$4,100 - \$4,199 loss	-41	1	1	

^{3/} For income loss, only those categories in which a case appears are indicated.

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
H85-87 Total Family Income (Cont'd)	\$4,500 - \$4,599 loss	-45	1	0
	Loss of \$9,900 or more	-99	4	1
	Not applicable (G.Q.)	998	4922	493
	No income	999	996	89
H88 Gross Rent as a Percent of Family Income RATIO RNT	Less than 10%	0	1922	184
	10% to 14%	1	3443	344
	15% to 19%	2	3485	374
	20% to 24%	3	2500	249
	25% to 34%	4	2492	247
	35% or more	5	3832	381
	Not computed (0 or negative income and in rent universe, or no cash rent)	6	2364	223
	Not applicable (not in rent universe, G.Q. or rural farm)	7	37884	3790
H89 Value/Family Income Ratio RATIO VAL	Less than 1.0	0	3380	346
	1.0 to 1.4	1	4788	464
	1.5 to 1.9	2	5007	473
	2.0 to 2.4	3	3740	389
	2.5 to 2.9	4	2403	249
	3.0 to 3.9	5	2244	235
	4.0 or more	6	3781	401
	Not computed (0 or negative income and in the value universe)	7	172	14
	Not applicable (not in value universe or G.Q.)	8	32407	3221
H90 Year Moved Into Unit (Head) YEAR MOVE	1959 - 1960	0	11788	1133
	1958	1	5171	564
	1957	2	3951	392
	1954 - 1956	3	8921	898
	1950 - 1953	4	7196	681
	1940 - 1949	5	8764	908
	1939 or earlier	6	6201	604
	Always lived here	7	1008	119
	Not applicable (G.Q.)	8	4922	493
H91 Puerto Rican Stock (Head) PUERTO	Yes	0	224	23
	No	1	52776	5276
	Not applicable (G.Q.)	3	4922	493

Person Record Marginals

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P1 Basic Relation- ship HEADRELA	Head of household	0	53000	5299
	Wife of head	1	39640	3928
	Son or daughter of head	2	69995	6904
	Other relative of head	3	9828	1089
	Roomer, boarder, lodger	4	2375	208
	Patient or inmate	5	1890	203
	Other not related to head	6	3319	327
P2 Detailed Re- lationship of Per- sons in Household HEADRELB	Head, wife or child not in subfamily, or G.Q.	-	166588	16514
	Son or daughter or son-in- law or daughter-in-law in subfamily	0	1532	174
	Grandson or granddaughter	1	2532	297
	Father or mother or stepparent	2	1306	140
	Father-in-law or mother-in- law	3	1301	133
	Brother or sister or step- sister or stepbrother	4	1411	153
	Brother-in-law or sister-in- law	5	744	66
	Other relative--aunt, cousin, etc.	6	1971	236
	Partner or friend	7	261	23
	Roomer, boarder, or lodger	8	2114	115
	Resident employee	9	257	37
P3 Subfamily Mem- bership Number SBFAMILY	Persons not in a subfamily other than head, wife or child of primary family	0	9567	995
	Members of subfamily 1	1	3763	434
	Members of subfamily 2	2	11	15
	Members of subfamily 3	3	11	0
	Members of subfamily 4	4	0	0
	Head, wife or child not in subfamily, or G.Q.	9	166588	16514
P4-5 Type of Group Quarters QRTTYPE	Correctional institutions	00	357	37
	Mental diseases hospitals and treatment centers	01	653	75
	TE and other chronic diseases hospitals	02	76	13
	Aged and dependent homes	03	544	58
	Mentally handicapped homes and schools	04	174	11

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>	
P4-5 Type of Group Quarters (Cont'd)	Physically handicapped homes, schools and hospitals	05	31	1	
	Homes for neglected and dependent children	06	87	10	
	Other institutions for children	07	62	4	
	Rooming houses, boarding houses, tourist homes, hotels, motels, resident clubs and Y's	08	641	60	
	Military installations	09	919	86	
	College dormitories	10	856	82	
	Other	11	492	47	
	Persons not in G.Q.	99	175125	17465	
	P6 Sex SEX	Male	0	88352	8838
		Female	1	91695	9120
P7 Color or Race RACE	White	0	159372	15903	
	Negro	1	18948	1910	
	Indian (Amer.)	2	586	44	
	Japanese	3	487	27	
	Chinese	4	277	35	
	Filipino	5	179	24	
	Other (including Aleut, Eskimo, Hawaiian and Korean)	8	198	15	
	P8 Spanish Surname SPANAME	White, Spanish surname	0	3538	313
Negro and other races (except white), Spanish surname		1	59	12	
Not Spanish surname		2	25821	2615	
Not applicable (Not one of 5 Southwestern States)		3	150629	15013	
P9-11 Age AGE	Under 1 year	000	4270	432	
	1 year old	001	4233	426	
	2 years old	002	4197	388	
	3 " "	003	4061	375	
	4 " "	004	4016	385	
	5 " "	005	4031	422	
	6 " "	006	3800	353	
	7 " "	007	3767	394	
	8 " "	008	3542	372	
	9 " "	009	3546	348	
	10 " "	010	3527	348	
	11 " "	011	3470	360	
	12 " "	012	3693	376	
	13 " "	013	3529	359	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P9-11 Age (Cont'd)	14 years old	014	2733	257
	15 " "	015	2676	284
	16 " "	016	2902	293
	17 " "	017	2789	279
	18 " "	018	2543	258
	19 " "	019	2332	224
	20 " "	020	2222	241
	21 " "	021	2295	221
	22 " "	022	2132	227
	23 " "	023	2106	209
	24 " "	024	2092	195
	25 " "	025	2264	205
	26 " "	026	2105	213
	27 " "	027	2165	215
	28 " "	028	2113	199
	29 " "	029	2321	233
	30 " "	030	2272	219
	31 " "	031	2280	229
	32 " "	032	2481	241
	33 " "	033	2371	237
	34 " "	034	2473	253
	35 " "	035	2610	278
	36 " "	036	2510	218
	37 " "	037	2541	248
	38 " "	038	2526	25
	39 " "	039	2429	24
	40 " "	040	2404	241
	41 " "	041	2371	253
	42 " "	042	2397	244
	43 " "	043	2262	240
	44 " "	044	2278	249
	45 " "	045	2378	226
	46 " "	046	2236	232
	47 " "	047	2238	214
	48 " "	048	2041	155
	49 " "	049	2067	200
	50 " "	050	2030	219
	51 " "	051	1984	205
	52 " "	052	1976	197
	53 " "	053	1874	184
	54 " "	054	1834	182
	55 " "	055	1818	202
	56 " "	056	1741	166
	57 " "	057	1704	172
	58 " "	058	1493	141
	59 " "	059	1824	174
	60 " "	060	1471	163
	61 " "	061	1471	150
	62 " "	062	1386	132

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P9-11 Age (Cont'd)	63 years old	063	1381	107
	64 " "	064	1366	145
	65 " "	065	1373	149
	66 " "	066	1269	115
	67 " "	067	1297	122
	68 " "	068	1054	114
	69 " "	069	1108	112
	70 " "	070	1076	96
	71 " "	071	998	100
	72 " "	072	915	103
	73 " "	073	851	93
	74 " "	074	828	91
	75 " "	075	758	89
	76 " "	076	654	55
	77 " "	077	608	46
	78 " "	078	537	52
	79 " "	079	466	46
	80 " "	080	389	50
	81 " "	081	304	35
	82 " "	082	293	25
83 " "	083	243	24	
84 " "	084	215	23	
85 " "	085	197	15	
86 " "	086	136	15	
87 " "	087	127	17	
88 " "	088	109	6	
89 " "	089	77	10	
90 " "	090	70	5	
91 " "	091	31	5	
92 " "	092	20	2	
93 " "	093	21	1	
94 " "	094	13	1	
95 " "	095	13	1	
96 " "	096	6	0	
97 " "	097	9	2	
98 " "	098	5	0	
99 " "	099	4	2	
	100 yearsold or more	100	17	2
F12 Quarter of Birth BIRTHQRT	First Quarter	0	45509	4534
	Second Quarter	1	43260	4192
	Third Quarter	2	46855	4672
	Fourth Quarter	3	44423	4560
F13 Marital Status MARRIAGE	Married, spouse present	0	80942	8040
	Married, spouse absent, not separated	1	2607	252
	Widowed	2	9834	1034
	Divorced	3	3156	320
	Separated	4	2150	230
	Never married	5	27676	2744
	Not applicable (persons under 14)	6	53682	5338

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P14-16 Place of Birth Recode (See definitions of categories in Section III) ^{4/} BIRTHPLA	Alabama	101	4196	423
	Alaska	102	111	9
	Arizona	104	71	88
	Arkansas	105	27	247
	California	106	71	691
	Colorado	108	1	145
	Connecticut	109		191
	Delaware	110	623	15
	District of Columbia	111	686	56
	Florida	112	2285	232
	Georgia	113	4579	460
	Hawaii	115	555	28
	Idaho	116	645	59
	Illinois	117	9025	912
	Indiana	118	4430	417
	Iowa	119	3532	356
	Kansas	120	2422	253
	Kentucky	121	3974	376
	Louisiana	122	3444	353
	Maine	123	1144	124
	Maryland	124	2334	222
	Massachusetts	125	4750	446
	Michigan	126	6444	627
	Minnesota	127	3604	377
	Mississippi	128	3246	307
	Missouri	129	4895	43
	Montana	130	709	64
	Nebraska	131	1799	202
	Nevada	132	153	16
	New Hampshire	133	580	57
	New Jersey	134	1110	120
	New Mexico	135	739	100
	New York	136	13854	1400
	North Carolina	137	5056	552
North Dakota	138	954	91	
Ohio	139	6234	646	
Oklahoma	140	2886	299	
Oregon	141	1230	122	
Pennsylvania	142	12137	1215	
Rhode Island	144	750	73	
South Carolina	145	2587	250	
South Dakota	146	642	59	
Tennessee	147	3993	434	
Texas	148	6552	671	

^{4/}In the 1/1000 subsample, there is a frequency of 1 in code 101. Code 100 is not a valid code. Country codes are not listed when the frequency is zero.

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P14-16 Place of Birth Recode (Cont'd)	Utah	149	966	89
	Vermont	150	475	62
	Virginia	151	3905	362
	Washington	153	1890	198
	West Virginia	154	2547	257
	Wisconsin	155	4050	427
	Wyoming	156	275	32
	At Sea	199	4390	475
	Abroad of American Parents	202	365	40
	American Samoa	303	0	2
	Canal Zone	304	9	1
	Puerto Rico	306	581	66
	Virgin Islands	307	18	1
	England	410	515	40
	Scotland	411	212	20
	Wales	412	13	2
	Northern Ireland	413	57	2
	Ireland (Eire)	414	347	29
	Norway	415	147	27
	Sweden	416	214	20
	Denmark	417	82	11
	Netherlands	418	116	18
	Belgium	419	60	2
	Switzerland	420	57	11
	France	421	108	11
	Germany	422	1010	125
	Poland	423	764	69
	Czechoslovakia	424	228	20
	Austria	425	305	47
	Hungary	426	242	23
	Yugoslavia	427	153	10
	Latvia	428	51	6
	Lithuania	430	112	8
	Finland	431	67	5
	Rumania	432	81	8
	Greece	434	174	16
	Italy	435	1195	114
	Spain	436	62	7
	Portugal	437	68	4
	Iceland	438	3	1
	Luxembourg	439	3	1
	Albania	440	10	4
	Other Europe	441	5	1
	Turkey	442	72	8
	Lebanon	444	26	2
China	450	113	11	
Japan	451	122	8	
Philippines	453	105	16	
Other Asia	454	22	2	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10</u>
P14-16 Place of Birth Recode (Cont'd)	Ukrainian SSR	456	55	1
	Other Russia	457	625	65
	Canada	460	1002	74
	Mexico	461	593	54
	Guatemala	462	6	1
	British Honduras	463	3	1
	Costa Rica	467	3	1
	Cuba	469	81	6
	Jamaica	470	23	9
	West Indies-Federated	471	33	3
	Venezuela	476	11	1
	Ecuador	477	6	3
	Brazil	480	20	3
	Argentina	484	10	2
	Central Africa	488	4	1
	Azores	493	24	3
	New Zealand	496	6	1
	Country not specified	499	58	5
	P17-18 Highest Grade Attended ^{5/} EDUCATION	Never attended school	0	4949	497
Kindergarten		2	2333	253
Elementary 1		3	4617	467
Elementary 2		4	4747	473
Elementary 3		5	5479	562
Elementary 4		6	6357	58
Elementary 5		7	6587	668
Elementary 6		8	7694	798
Elementary 7		9	8565	914
Elementary 8		10	22582	2235
High school 9		11	9355	909
High school 10		12	11555	1243
High school 11		13	9291	970
High school 12		14	33339	3277
College 1		15	5079	453
College 2		16	5285	523
College 3		17	2434	230
College 4		18	5577	554
College 5		19	1466	148
College 6 or more		20	1979	186
Not applicable (persons under 5 years)		21	20777	2006

^{5/} For tabulations of years of school completed, this code must be decreased by 1 for a response of 0 or 2 in P19.

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P19 Finished Grade SCHOOL	Now attending	0	43785	4425
	Finished grade	1	87302	8693
	Did not finish	2	23234	2337
	Not applicable (persons under 5 years or never attended)	3	25726	2503
P20-21 Children Ever Born BABYBORN	None	0	8868	897
	1	1	9901	989
	2	2	12666	1288
	3	3	8767	891
	4	4	5079	471
	5	5	2816	308
	6	6	1621	156
	7	7	1035	105
	8	8	757	63
	9	9	444	48
	10	10	314	38
	11	11	187	15
	12 or more	12	308	38
Not applicable (males, never married females, females under 14 years)	13	127284	12651	
P22 Hours Worked HOURWORK	1 - 14 hours	0	3953	424
	15 - 29 hours	1	4333	401
	30 - 34 hours	2	2673	252
	35 - 39 hours	3	4349	396
	40 hours	4	26343	2705
	41 - 48 hours	5	10948	1093
	49 - 59 hours	6	5111	490
	60 or more hours	7	5625	537
Not applicable (persons not at work, etc. - see employment status recode P31)	8	116712	11660	
P23 Year Last Worked WORKYEAR	1960	0	4928	469
	1959	1	9694	993
	1955 - 1958	3	7326	748
	1950 - 1954	4	4875	448
	1949 or earlier	5	13968	1419
	Never worked	6	18610	1842
	Not applicable (persons under 14, etc.)	7	120646	12039
P24-26 Current Industry (see listing of Indus- trial Classifications in Section III) NOWINDUS	Not Applicable	000	89889	9002
	Agriculture	016	6311	579
	Forestry	027	67	2
	Fisheries	028	76	3
	Metal Mining	047	119	13
	Coal Mining	048	277	31

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P24-26 Current Industry (Cont'd)	Petroleum, gas extract	049	323	28
	Nonmetallic mining	057	135	9
	Construction	066	5127	572
	Logging	107	257	23
	Sawmills	108	527	55
	Miscellaneous wood products	109	147	15
	Furniture and fixtures	118	488	49
	Glass products	119	199	19
	Cement, plaster products	127	203	22
	Clay products	128	85	8
	Pottery products	137	72	5
	Miscellaneous nonmetallic products	138	165	17
	Blast furnaces	139	733	61
	Primary nonferrous industries	146	377	41
	Other steel industry	147	388	31
	Cutlery, hand tools	157	189	24
	Fabricated structural metal products	158	406	37
	Fabricated metal products	166	1012	103
	Not specified metal	169	11	0
	Miscellaneous machinery	176	1630	170
	Farm machinery	178	157	16
	Office machines	186	201	21
	Electrical machinery	206	1975	183
	Motor vehicle equipment	219	1060	93
	Aircraft and parts	227	825	84
	Ship building	228	311	30
	Railroad equipment	236	110	10
	Professional equipment	246	317	36
	Photo equipment	248	85	10
	Watches	249	46	5
	Miscellaneous manufacturing industries	259	593	56
	Meat products	268	422	45
	Dairy products	269	423	44
	Canning food	278	504	42
	Grain-mill products	279	170	21
	Bakery products	287	526	46
	Confectionery products	288	116	14
	Beverage industries	289	280	22
		^{6/} 293	55	3
	Miscellaneous food preparations	297	207	27
	Tobacco manufacturing	299	146	16
	Knitting mills	307	308	29
Dyeing textiles	308	77	9	
Floor coverings	309	51	4	

^{6/} Code 293 is not listed in the Industrial Classification list for the 1960 Public Use Sample as issued by the Bureau of Census. However Code 298 "not specified food industries" does show up on the code list and not on the marginals. Therefore, 293 can be assumed to be 298.

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P24-26 Current Industry (Cont'd)	Yarn, thread	317	845	80
	Miscellaneous textile products	318	64	11
	Apparel	319	1647	160
	Miscellaneous fabric products	327	201	13
	Pulp, paper	328	346	35
	Miscellaneous paper products	329	176	14
	Paperboard containers	337	236	21
	Newspaper publishing	338	622	56
	Printing, publishing	339	911	98
	Miscellaneous chemical products	346	767	82
	Synthetic fibers	349	67	15
	Drugs and medicines	357	136	18
	Paints, varnishes	359	83	12
	Petroleum refining	377	281	25
	Miscellaneous petroleum products	378	33	1
	Rubber products	379	334	37
	Miscellaneous plastic products	387	150	10
	Finished leather	388	39	4
	Footwear	389	420	43
	Other leather products	397	91	10
	Unspecified manufacturing industries	398	71	11
	Railroad service	407	1254	121
	Street rail, bus lines	408	332	26
	Taxicab service	409	147	16
	Trucking service	417	978	87
	Warehousing, storage	418	142	28
	Water transportation	419	282	24
	Air transportation	427	239	25
	Pipe lines	428	23	4
	Incidental transportation services	429	77	11
	Radio and TV	447	107	10
	Telephone	448	1063	107
	Telegraph and miscellaneous	449	51	5
	Electric light	467	417	45
	Electric gas utility	468	148	14
	Gas steam systems	469	177	16
	Water supply	477	109	16
	Sanitary services	478	175	13
	Unspecified utilities	479	17	2
	Wholesale-automobiles	507	151	12
	Wholesale-chemicals	508	147	15

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P24-26 Current Industry (Cont'd)	Wholesale-apparel	509	103	13
	Wholesale-food	527	635	59
	Wholesale-farm products	528	164	15
	Wholesale-hardware	536	271	34
	Wholesale-machinery	539	299	26
	Wholesale-petroleum	558	181	22
	Wholesale-miscellaneous	566	751	70
	Unspecified wholesale trade	588	134	12
	Retail-lumber	607	466	53
	Retail-hardware	608	325	29
	Retail-variety store	617	626	70
	Retail-general merchandise	626	2341	232
	Retail-dairy	629	63	10
	Retail-food stores	636	2409	217
	Retail-automobiles	646	996	50
	Retail-gas service	648	760	65
	Retail-apparel	657	909	96
	Retail-shoes	658	153	15
	Retail-furniture	667	398	51
	Retail-TV radio	668	232	25
	Retail-eat and drink	669	3127	326
	Retail-drug stores	677	602	72
	Retail-liquor stores	678	108	9
	Retail-jewelry	687	155	20
	Retail-fuel and ice	688	132	1
	Retail-florists	689	116	7
	Retail-miscellaneous	696	661	74
	Unspecified retail trade	698	190	16
	Banking agency	706	1313	124
	Security, brokerage	709	172	26
	Insurance	717	1517	151
	Real estate	718	516	65
	Advertising	727	180	22
	Miscellaneous business services	736	889	51
	Automobile repair services	756	601	64
	Miscellaneous repair services	766	382	41
	Private households	769	3011	317
	Hotel, lodging places	776	1052	101
	Laundering	779	970	106
	Barber, beauty shop	786	618	59
	Shoe repair shops	789	44	5
	Dressmaking shops	797	69	11
	Miscellaneous personal service	798	212	25
	Theaters	807	305	18
	Bowling, billiard, pool	808	119	14
Miscellaneous entertainment	809	449	35	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P24-26 Current Industry (Cont'd)	Medical service	826.	1351	147
	Hospitals	838	2540	252
	Legal services	849	357	39
	Education services	856	4537	406
	Welfare-religious services	876	785	83
	Nonprofit organizations	887	376	34
	Engineering services	888	237	16
	Accounting services	889	175	19
	Miscellaneous professional	897	121	17
	Postal service	907	690	73
	Federal public administration	917	1700	141
	State public administration	927	500	50
	Local public administration	937	1272	136
	Industry not reported	999	3663	399
P27-29 Current Occupation (see listing of Occupa- tion Categories in Section III as occupation categories are abbreviated) NOWOCCUP	Accountants	000	547	44
	Actors and actresses	010	19	0
	Pilots and navigators	012	30	3
	Architects	013	21	6
	Artists and art teachers	014	134	11
	Athletes	015	7	0
	Authors	020	36	3
	Chemists	021	100	11
	Chiropractors	022	21	1
	Clergymen	023	245	21
	College presidents and deans	030	5	0
	Professors-Agriculture	031	2	1
	Professors-Biological Science	032	6	0
	Professors-Chemistry	034	7	0
	Professors-Economics	035	2	0
	Professors-Engineering	040	8	1
	Professors-Geology	041	6	0
	Professors-Mathematics	042	16	1
	Professors-Medical Science	043	6	1
	Professors-Physics	045	10	0
	Professors-Psychology	050	2	1
	Professors-Natural Sciences	052	1	0
	Professors-Social Sciences	053	26	0
	Professors-nonscience subject	054	34	3
	Professors-unspecified subject	060	50	7
	Dancers, etc.	070	28	0
	Dentists	071	92	6
	Designers	072	105	7
	Dietitians and nutritionists	073	48	5
	Draftsmen	074	243	23
	Editors and reporters	075	125	10

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P27-29 Current Occupation (Cont'd)	Engineers-aeronautical	080	44	7
	Engineers-chemical	081	47	5
	Engineers-civil	082	184	25
	Engineers-electrical	083	182	23
	Engineers-industrial	084	90	9
	Engineers-mechanical	085	146	22
	Engineers-metallurgical, and metallurgists	090	24	3
	Engineers-mining	091	10	3
	Engineers-sales	092	63	6
	Engineers-others	093	84	6
	Entertainers-others	101	14	0
	Farm, home management advisors	102	14	2
	Foresters and conservationists	103	44	3
	Funeral Directors and embalmers	104	37	5
	Lawyers and judges	105	223	23
	Librarians	111	133	8
	Musicians and music teachers	120	264	27
	Agricultural scientists	130	8	0
	Biological scientists	131	21	1
	Geologists and geophysicists	134	26	2
	Mathematicians	135	10	1
	Physicists	140	10	2
	Miscellaneous natural scientists	145	6	1
	Nurses, professional	150	938	91
	Nurses, student professional	151	74	4
	Optometrists	152	16	1
	Osteopaths	153	3	0
	Personnel and labor relations workers	154	136	11
	Pharmacists	160	96	10
	Photographers	161	63	9
	Physicians and surgeons	162	250	27
	Public relations men and publicity writers	163	44	4
	Radio operators	164	31	1
	Recreation and group workers	165	103	8
	Religious workers	170	5	5
	Social and welfare workers, except group	171	12	12
	Economists	172	0	0
Psychologists	173	0	0	
Statisticians, etc.	174	0	0	
Miscellaneous social scientists	175	0	0	
Sports instructors, etc.	180	86	9	
Surveyors	181	62	6	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P27-29 Current Occupation (Cont'd)	Teachers-elementary schools	182	1412	117
	Teachers-secondary schools	183	645	56
	Teachers-others	184	207	19
	Technicians-medical, etc.	185	193	19
	Technicians-electrical, etc.	190	103	11
	Technicians-other engineering and physical sciences	191	213	20
	Technicians-others	192	78	5
	Therapists and healers	193	46	5
	Veterinarians	194	23	5
	Other professional, technical, and kindred workers	195	354	47
	Farmers (owners and tenants)	200	3082	289
	Farm managers	222	39	3
	Buyers and department heads, store	250	266	22
	Buyers-farm, etc.	251	17	3
	Conductors, railroad	252	55	5
	Credit men	253	54	6
	Floor men-store	254	13	6
	Inspectors-public administration	260	79	8
	Managers-building, etc.	262	71	5
	Officers, engineers-ship, etc.	265	51	5
	Officials-public administration, etc.	270	236	19
	Officials-lodge, union	275	35	1
	Postmasters	280	50	4
	Buyers-others	285	109	14
	Managers-others	290	5088	472
	Agents-others	301	216	19
	Attendants-library, etc.	302	49	5
	Attendants-physician's, etc.	303	116	8
	Baggagemen-transportation	304	4	0
	Bank tellers	305	220	18
	Bookkeepers	310	1458	141
	Cashiers	312	838	90
	Collectors-bill, etc.	313	34	3
	Dispatchers-vehicle, etc.	314	64	8
	Express messengers, etc.	315	8	1
	File clerks, etc.	320	286	31
	Insurance adjusters, etc.	321	67	3
	Mail carriers	323	231	19
	Messengers and office boys	324	105	9
	Office machine operators	325	512	39
	Payroll clerks, etc.	333	171	20
	Postal clerks	340	276	37
	Receptionists	341	273	26
	Secretaries	342	2484	228
	Shipping clerks, etc.	343	336	29

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P27-29 Current Occupation (Cont'd)	Stenographers	345	504	55
	Stock clerks, etc.	350	423	37
	Telegraph messengers	351	5	1
	Telegraph operators	352	26	3
	Telephone operators	353	683	78
	Ticket agents, etc.	354	97	10
	Typists	360	956	101
	Other clerical workers, etc.	370	4361	451
	Salesmen, etc.	380	46	2
	Auctioneers	381	2	1
	Demonstrators	382	59	4
	Hucksters and peddlers	383	71	6
	Insurance agents, etc.	385	407	40
	Newsboys	390	291	25
	Real estate agents	393	269	23
	Other salesmen, etc.	394	5914	578
	Stock and bond salesmen	395	33	5
	Bakers	401	159	16
	Blacksmiths	402	27	3
	Boilermakers	403	30	4
	Bookbinders	404	47	3
	Brickmasons, etc.	405	243	22
	Cabinetmakers	410	78	14
	Carpenters	411	1142	121
	Concrete finishers, etc.	413	60	6
	Compositors and typesetters	414	183	21
	Cranemen, etc.	415	148	16
	Window dressers, etc.	420	78	7
	Electricians	421	404	34
	Electrotypers	423	11	2
	Engravers	424	19	1
	Excavating machine operators, etc.	425	244	31
	Foremen-others	430	1328	136
	Forgemen and hammermen	431	10	4
	Furriers	432	4	0
	Glaziers	434	18	2
	Heat treaters, etc.	435	23	5
	Inspectors, scalers, and graders-lumber	444	23	0
	Inspectors-others	450	108	11
	Jewelers, watchmakers, etc.	451	7	9
	Job setters, metal	452	7	7
	Linemen-telephone, etc.	453	277	33
	Locomotive engineers	454	81	5
	Locomotive firemen	460	46	5
	Loom fixers	461	2	4
	Machinists	465	557	66
	Mechanics-air conditioning, etc.	470	64	12
Mechanics-airplane	471	130	11	
Mechanics-automobile	472	755	82	

<u>acter and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P27-29 Current Occupation (Cont'd)	Mechanics-office machines	473	38	4
	Mechanics-TV, radio	474	115	9
	Mechanics-railroad	475	38	8
	Mechanics-others	480	1388	136
	Millers-grain, flour, etc.	490	8	1
	Millwrights	491	86	10
	Molders-metal	492	69	5
	Motion picture projectionists	493	21	2
	Opticians, etc.	494	20	4
	Painters-construction, etc.	495	489	57
	Paperhangers	501	12	2
	Pattern makers, etc.	502	46	2
	Photoengravers, etc.	503	33	5
	Piano, organ tuners	504	1	1
	Plasterers	505	76	4
	Plumbers, etc.	510	360	46
	Pressmen, plate printers	512	83	7
	Rollers and roll hands-metal	513	30	5
	Roofers and slaters	514	77	5
	Shoemakers, etc.	515	39	5
	Stationary engineers	520	314	32
	Stone cutters, etc.	521	7	1
	Structural metal workers	523	60	7
	Tailors, etc.	524	52	5
	Sheet metal workers, etc.	525	146	16
	Toolmakers, die makers, etc.	530	211	15
	Upholsterers	535	70	5
	Other craftsmen	545	110	9
	Former members of armed forces	555	70	10
	Apprentice auto mechanics	601	3	0
	Apprentice bricklayers, etc.	602	5	1
	Apprentice carpenters	603	5	1
	Apprentice electricians	604	15	3
	Apprentice toolmakers, etc.	605	15	1
	Apprentice mechanics	610	4	0
	Apprentice plumbers and pipe fitters	612	8	0
	Apprentices-building trades	613	5	0
	Apprentices-metalworking trades	614	9	0
	Apprentices-printing trades	615	12	0
	Apprentices-other specified	620	14	2
	Apprentices-other unspecified	621	17	2
	Asbestos workers, etc.	630	22	7
	Assemblers	631	1016	100
Attendants-parking	632	450	39	
Blasters and powdermen	634	5	2	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P27-29 Current Occupation (Cont'd)	Boatmen, canalmen	635	4	2
	Brakemen-railroad	640	85	6
	Bus drivers	641	204	18
	Chainmen-surveying, etc.	642	12	1
	Examiners-manufacturing, etc.	643	689	52
	Conductors, etc.	645	6	0
	Deliverymen, etc.	650	508	48
	Seamstresses, etc.	651	198	24
	Dyers	652	13	0
	Filers and grinders, etc.	653	182	19
	Vegetable graders, packers, etc.	654	71	8
	Furnacemen, etc.	670	56	4
	Graders-manufacturing, etc.	671	72	7
	Heaters-metal	672	10	0
	Knitters, etc.	673	74	8
	Laundry	674	635	82
	Meat cutters, etc.	675	218	18
	Milliners	680	8	0
	Mine laborers, etc.	685	435	38
	Motormen-mine, factory, etc.	690	22	2
	Motormen-street, subway, etc.	691	9	3
	Oilers and greasers	692	59	7
	Packers and wrappers	693	847	76
	Painters-except construction	694	199	26
	Photo process workers	695	56	8
	Power station operators	701	37	3
	Sailor and deck hands	703	56	3
	Sawyers	704	118	11
	Sewers, etc.	705	102	92
	Spinners-textile	710	72	12
	Stationary firemen	712	99	7
	Switchmen-railroad	713	70	7
	Taxicab drivers, etc.	714	169	17
	Truck drivers	715	1841	160
	Weavers-textile	720	91	8
	Welders, etc.	721	418	43
	Other operatives	775	6453	649
	Babysitters	801	555	59
	Housekeepers	802	221	23
	Laundresses	803	67	6
	Other household workers	804	1846	195
	Attendants-hospital	810	634	65
	Attendants-professional	812	121	16
	Attendants-recreation	813	121	8
	Barbers	814	157	22
	Bartenders	815	137	23
	Bootblacks	820	8	2
	Lodging housekeepers, etc.	821	27	5
	Maids, etc.	823	302	35

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P27-29 Current Occupation (Cont'd)	Charwomen and cleaners	824	270	28
	Cooks	825	890	88
	Counter workers, etc.	830	250	26
	Elevator operators	831	108	6
	Housekeepers, stewards	832	235	22
	Janitors, sextons	934	836	77
	Kitchen workers-others	835	531	66
	Midwives	840	0	1
	Porters	841	199	19
	Practical nurses	842	349	27
	Hairdressers, etc.	843	438	37
	Firemen	850	159	12
	Guards, watchmen	851	352	30
	Marshals and constables	852	15	0
	Policemen	853	307	31
	Sheriffs, bailiffs	854	20	5
	Bridge tenders, etc.	860	20	5
	Ushers, etc.	874	29	5
	Waiters, waitresses	875	1773	196
	Service workers-other	890	284	30
	Farm foremen	901	34	5
	Farm-wage workers	902	2085	185
	Farm-family workers	903	625	45
	Farm-self-employed	905	7	2
	Carpenters' helpers, etc.	960	54	9
	Fishermen, oystermen	962	56	3
	Garage laborers, etc.	963	124	7
	Gardeners, etc.	964	324	40
	Longshoremen, etc.	965	78	6
	Lumbermen, etc.	970	193	23
	Teamsters	971	28	2
	Truck drivers helpers	972	45	6
	Other warehousemen	973	120	15
	Other laborers	985	3479	350
	Not applicable - under 14, etc.	990	88016	8765
	Occupation not reported	995	6147	718
P30 Class of Worker WORKCLAS	Employee of private company, etc.	0	70944	7183
	Government employee, federal, state or local (including armed forces)	1	12115	1152
	Self-employed, own business	4	9457	914
	Working without pay	6	1271	110
	Not applicable (persons under 14 years, persons who never worked, persons NILE and last worked 1949 or earlier)	7	86260	8599

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,00</u>
P31 Employment Status Recode WORKSTAT	Not in universe (under 14 years)	0	53682	5338
	At work	1	63335	6298
	With a job - not at work	2	1661	130
	Unemployed	3	3383	358
	Armed forces - at work	4	1678	153
	Armed forces - with a job	5	76	12
	Not in labor force	6	56232	5669
P35 Worked Last Year WORKLAST	Yes	0	77680	7718
	No	1	48685	4902
	Not applicable (persons under 14 years)	2	53682	5338
P36 Weeks Worked WEEKWORK	13 weeks or less	0	8493	867
	14 - 26 weeks	1	6513	610
	27 - 39 weeks	2	7175	736
	40 - 47 weeks	3	7014	701
	48 - 49 weeks	4	4240	456
	50 - 52 weeks	5	44245	4345
	Not applicable (persons under 14 years or who did not work last year)	6	102367	10240
P37-39 Earnings in 1959: Wages, Salary, Commissions, Bonuses or Tips from All Jobs EARNWAGE	\$1 - \$99	000	2222	236
	\$100 - \$199	001	1898	207
	\$200 - \$299	002	1769	130
	\$300 - \$399	003	1620	166
	\$400 - \$499	004	1350	142
	\$500 - \$599	005	1451	140
	\$600 - \$699	006	1328	130
	\$700 - \$799	007	950	97
	\$800 - \$899	008	967	95
	\$900 - \$999	009	930	87
	\$1,000 - \$1,099	010	1396	135
	\$1,100 - \$1,199	011	753	88
	\$1,200 - \$1,299	012	1295	117
	\$1,300 - \$1,399	013	657	76
	\$1,400 - \$1,499	014	576	65
	\$1,500 - \$1,599	015	1111	92
	\$1,600 - \$1,699	016	601	77
	\$1,700 - \$1,799	017	557	63
	\$1,800 - \$1,899	018	828	83
	\$1,900 - \$1,999	019	574	65
	\$2,000 - \$2,099	020	1856	178
	\$2,100 - \$2,199	021	627	69
	\$2,200 - \$2,299	022	746	64
	\$2,300 - \$2,399	023	652	74
	\$2,400 - \$2,499	024	864	83
	\$2,500 - \$2,599	025	1138	125

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P37-39 Earnings in 1959: Wages, etc. (Cont'd)	\$2,600 - \$2,699	026	777	84
	\$2,700 - \$2,799	027	648	53
	\$2,800 - \$2,899	028	770	79
	\$2,900 - \$2,999	029	547	57
	\$3,000 - \$3,099	030	2101	233
	\$3,100 - \$3,199	031	638	59
	\$3,200 - \$3,299	032	794	78
	\$3,300 - \$3,399	033	673	60
	\$3,400 - \$3,499	034	602	58
	\$3,500 - \$3,599	035	1153	124
	\$3,600 - \$3,699	036	960	90
	\$3,700 - \$3,799	037	611	58
	\$3,800 - \$3,899	038	729	76
	\$3,900 - \$3,999	039	684	61
	\$4,000 - \$4,099	040	2031	210
	\$4,100 - \$4,199	041	537	52
	\$4,200 - \$4,299	042	835	88
	\$4,300 - \$4,399	043	608	45
	\$4,400 - \$4,499	044	551	56
	\$4,500 - \$4,599	045	1110	86
	\$4,600 - \$4,699	046	562	63
	\$4,700 - \$4,799	047	598	44
	\$4,800 - \$4,899	048	944	97
	\$4,900 - \$4,999	049	555	41
	\$5,000 - \$5,099	050	2419	239
	\$5,100 - \$5,199	051	449	40
	\$5,200 - \$5,299	052	864	82
	\$5,300 - \$5,399	053	461	39
	\$5,400 - \$5,499	054	518	50
	\$5,500 - \$5,599	055	748	67
	\$5,600 - \$5,699	056	486	41
	\$5,700 - \$5,799	057	392	39
	\$5,800 - \$5,899	058	439	62
	\$5,900 - \$5,999	059	359	27
	\$6,000 - \$6,099	060	1596	168
	\$6,100 - \$6,199	061	285	28
	\$6,200 - \$6,299	062	431	50
	\$6,300 - \$6,399	063	311	21
	\$6,400 - \$6,499	064	277	25
	\$6,500 - \$6,599	065	587	51
	\$6,600 - \$6,699	066	243	27
	\$6,700 - \$6,799	067	276	23
\$6,800 - \$6,899	068	320	31	
\$6,900 - \$6,999	069	229	19	
\$7,000 - \$7,099	070	878	94	
\$7,100 - \$7,199	071	161	16	
\$7,200 - \$7,299	072	337	49	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P37-39 Earnings in 1959: Wages, etc. (Cont'd)	\$7,300 - \$7,399	073	183	20
	\$7,400 - \$7,499	074	150	6
	\$7,500 - \$7,599	075	434	36
	\$7,600 - \$7,699	076	128	13
	\$7,700 - \$7,799	077	114	7
	\$7,800 - \$7,899	078	202	24
	\$7,900 - \$7,999	079	105	14
	\$8,000 - \$8,099	080	584	58
	\$8,100 - \$8,199	081	91	11
	\$8,200 - \$8,299	082	125	12
	\$8,300 - \$8,399	083	102	7
	\$8,400 - \$8,499	084	121	15
	\$8,500 - \$8,599	085	236	18
	\$8,600 - \$8,699	086	76	9
	\$8,700 - \$8,799	087	79	14
	\$8,800 - \$8,899	088	72	9
	\$8,900 - \$8,999	089	70	7
	\$9,000 - \$9,099	090	343	32
	\$9,100 - \$9,199	091	50	5
	\$9,200 - \$9,299	092	70	7
	\$9,300 - \$9,399	093	63	4
	\$9,400 - \$9,499	094	46	2
	\$9,500 - \$9,599	095	106	14
	\$9,600 - \$9,699	096	77	9
	\$9,700 - \$9,799	097	36	4
\$9,800 - \$9,899	098	46	6	
\$9,900 - \$9,999	099	32	2	
\$10,000 - \$10,999	105	584	72	
\$11,000 - \$11,999	115	275	28	
\$12,000 - \$12,999	125	250	29	
\$13,000 - \$13,999	135	125	16	
\$14,000 - \$14,999	145	87	15	
\$15,000 - \$15,999	155	139	14	
\$16,000 - \$16,999	165	54	2	
\$17,000 - \$17,999	175	44	6	
\$18,000 - \$18,999	185	57	6	
\$19,000 - \$19,999	195	25	0	
\$20,000 - \$20,999	205	70	5	
\$21,000 - \$21,999	215	19	2	
\$22,000 - \$22,999	225	20	1	
\$23,000 - \$23,999	235	7	3	
\$24,000 - \$24,999	245	16	3	
\$25,000 or more	250	206	19	
Not applicable (under 14 years)	998	53682	5338	
No income	999	58724	5855	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P40-42 Earnings in 1959: Non-farm	Loss of \$1 - \$99	-00)	602	61
	Income of \$1 - \$99	00) 1/		
Business, Profes- sional Practice,	\$100 - \$199	001	389	41
	\$200 - \$299	002	381	47
Partnership or Own Farm	\$300 - \$399	003	365	37
	\$400 - \$499	004	349	26
EARNSELF	\$500 - \$599	005	429	37
	\$600 - \$699	006	265	34
	\$700 - \$799	007	195	12
	\$800 - \$899	008	229	25
	\$900 - \$999	009	180	21
	\$1,000 - \$1,099	010	441	39
	\$1,100 - \$1,199	011	140	15
	\$1,200 - \$1,299	012	277	38
	\$1,300 - \$1,399	013	118	13
	\$1,400 - \$1,499	014	101	7
	\$1,500 - \$1,599	015	257	22
	\$1,600 - \$1,699	016	102	9
	\$1,700 - \$1,799	017	95	8
	\$1,800 - \$1,899	018	177	18
	\$1,900 - \$1,999	019	71	10
	\$2,000 - \$2,099	020	482	43
	\$2,100 - \$2,199	021	70	6
	\$2,200 - \$2,299	022	107	2
	\$2,300 - \$2,399	023	70	9
	\$2,400 - \$2,499	024	100	14
	\$2,500 - \$2,599	025	229	13
	\$2,600 - \$2,699	026	80	8
	\$2,700 - \$2,799	027	56	10
	\$2,800 - \$2,899	028	79	9
	\$2,900 - \$2,999	029	38	5
	\$3,000 - \$3,099	030	507	51
	\$3,100 - \$3,199	031	56	4
	\$3,200 - \$3,299	032	63	10
	\$3,300 - \$3,399	033	58	4
	\$3,400 - \$3,499	034	56	1
	\$3,500 - \$3,599	035	163	19
	\$3,600 - \$3,699	036	86	12
	\$3,700 - \$3,799	037	43	5
	\$3,800 - \$3,899	038	71	6
	\$3,900 - \$3,999	039	53	4
	\$4,000 - \$4,099	040	379	30
	\$4,100 - \$4,199	041	33	3
	\$4,200 - \$4,299	042	84	11
	\$4,300 - \$4,399	043	38	2

The computer interprets -00 and 000 as a single code.

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P40-42 Earnings in 1959: Self- Employment (Cont'd)	\$4,400 - \$4,499	044	24	5
	\$4,500 - \$4,599	045	118	12
	\$4,600 - \$4,699	046	35	3
	\$4,700 - \$4,799	047	33	3
	\$4,800 - \$4,899	048	115	9
	\$4,900 - \$4,999	049	30	5
	\$5,000 - \$5,099	050	464	39
	\$5,100 - \$5,199	051	18	4
	\$5,200 - \$5,299	052	63	7
	\$5,300 - \$5,399	053	23	3
	\$5,400 - \$5,499	054	12	0
	\$5,500 - \$5,599	055	70	4
	\$5,600 - \$5,699	056	24	2
	\$5,700 - \$5,799	057	20	0
	\$5,800 - \$5,899	058	20	4
	\$5,900 - \$5,999	059	13	2
	\$6,000 - \$6,099	060	299	18
	\$6,100 - \$6,199	061	15	1
	\$6,200 - \$6,299	062	19	2
	\$6,300 - \$6,399	063	16	0
	\$6,400 - \$6,499	064	11	2
	\$6,500 - \$6,599	065	78	4
	\$6,600 - \$6,699	066	9	0
	\$6,700 - \$6,799	067	12	1
	\$6,800 - \$6,899	068	12	1
	\$6,900 - \$6,999	069	8	0
	\$7,000 - \$7,099	070	156	20
	\$7,100 - \$7,199	071	9	0
	\$7,200 - \$7,299	072	25	3
	\$7,300 - \$7,399	073	10	2
	\$7,400 - \$7,499	074	9	1
	\$7,500 - \$7,599	075	63	7
	\$7,600 - \$7,699	076	10	3
	\$7,700 - \$7,799	077	4	1
	\$7,800 - \$7,899	078	12	4
	\$7,900 - \$7,999	079	6	1
	\$8,000 - \$8,099	080	142	15
	\$8,100 - \$8,199	081	5	2
	\$8,200 - \$8,299	082	12	1
	\$8,300 - \$8,399	083	8	1
\$8,400 - \$8,499	084	8	0	
\$8,500 - \$8,599	085	36	4	
\$8,600 - \$8,699	086	7	1	
\$8,700 - \$8,799	087	7	0	
\$8,800 - \$8,899	088	5	0	
\$8,900 - \$8,999	089	7	1	
\$9,000 - \$9,099	090	90	12	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P40-42 Earnings in 1959: Self- Employment (Cont'd)	\$9,100 - \$9,199	091	4	0
	\$9,200 - \$9,299	092	5	0
	\$9,300 - \$9,399	093	6	0
	\$9,400 - \$9,499	094	4	0
	\$9,500 - \$9,599	095	17	2
	\$9,600 - \$9,699	096	6	0
	\$9,700 - \$9,799	097	5	0
	\$9,800 - \$9,899	098	4	0
	\$9,900 - \$9,999	099	2	1
	\$10,000 - \$10,999	105	232	18
	\$11,000 - \$11,999	115	74	4
	\$12,000 - \$12,999	125	127	8
	\$13,000 - \$13,999	135	44	6
	\$14,000 - \$14,999	145	42	4
	\$15,000 - \$15,999	155	91	12
	\$16,000 - \$16,999	165	33	2
	\$17,000 - \$17,999	175	30	3
	\$18,000 - \$18,999	185	45	3
	\$19,000 - \$19,999	195	20	1
	\$20,000 - \$20,999	205	61	6
	\$21,000 - \$21,999	215	14	2
	\$22,000 - \$22,999	225	13	3
	\$23,000 - \$23,999	235	13	1
	\$24,000 - \$24,999	245	11	2
	\$25,000 or more	250	204	17
	\$100 - \$199 loss	-01	7	1
	\$200 - \$299 loss	-02	19	0
	\$300 - \$399 loss	-03	11	0
	\$400 - \$499 loss	-04	10	1
	\$500 - \$599 loss	-05	12	0
	\$600 - \$699 loss	-06	4	2
	\$700 - \$799 loss	-07	3	1
	\$800 - \$899 loss	-08	8	1
	\$900 - \$999 loss	-09	3	0
	\$1,000 - \$1,099 loss	-10	10	0
	\$1,100 - \$1,199 loss	-11	1	0
	\$1,200 - \$1,299 loss	-12	2	1
	\$1,300 - \$1,399 loss	-13	2	0
	\$1,400 - \$1,499 loss	-14	2	0
	\$1,500 - \$1,599 loss	-15	4	1
	\$1,600 - \$1,699 loss	-16	2	0
	\$1,700 - \$1,799 loss	-17	1	0
	\$1,800 - \$1,899 loss	-18	5	0
	\$1,900 - \$1,999 loss	-19	4	0
	\$2,000 - \$2,099 loss	-20	6	0
\$2,100 - \$2,199 loss	-21	0	0	
\$2,200 - \$2,299 loss	-22	0	0	
\$2,300 - \$2,399 loss	-23	2	0	

Character and Title
 1959: Self-
 Employment (cont'd)

Character and Title	Description of Code	Code	1/1,000	1/10,00
\$2,400 -	\$2,499 Loss	-24	0	0
\$2,500 -	\$2,599 Loss	-25	1	0
\$2,600 -	\$2,699 Loss	-26	1	0
\$2,700 -	\$2,799 Loss	-27	0	0
\$2,800 -	\$2,899 Loss	-28	0	0
\$2,900 -	\$2,999 Loss	-29	0	0
\$3,000 -	\$3,099 Loss	-30	0	0
\$3,100 -	\$3,199 Loss	-31	0	0
\$3,200 -	\$3,299 Loss	-32	1	0
\$3,300 -	\$3,399 Loss	-33	0	0
\$3,400 -	\$3,499 Loss	-34	0	0
\$3,500 -	\$3,599 Loss	-35	1	0
\$3,600 -	\$3,699 Loss	-36	1	0
\$3,700 -	\$3,799 Loss	-37	0	0
\$3,800 -	\$3,899 Loss	-38	2	0
\$3,900 -	\$3,999 Loss	-39	1	0
\$4,000 -	\$4,099 Loss	-40	2	0
\$4,100 -	\$4,199 Loss	-41	1	0
\$4,200 -	\$4,299 Loss	-42	0	0
\$4,300 -	\$4,399 Loss	-43	0	0
\$4,400 -	\$4,499 Loss	-44	0	0
\$4,500 -	\$4,599 Loss	-45	1	0
\$4,600 -	\$4,699 Loss	-46	0	0
\$4,700 -	\$4,799 Loss	-47	0	0
\$4,800 -	\$4,899 Loss	-48	1	0
\$4,900 -	\$4,999 Loss	-49	0	0
\$5,000 -	\$5,099 Loss	-50	1	0
\$5,100 -	\$5,199 Loss	-51	0	0
\$5,200 -	\$5,299 Loss	-52	0	0
\$5,300 -	\$5,399 Loss	-53	0	0
\$5,400 -	\$5,499 Loss	-54	0	0
\$5,500 -	\$5,599 Loss	-55	0	0
\$5,600 -	\$5,699 Loss	-56	0	0
\$5,700 -	\$5,799 Loss	-57	0	0
\$5,800 -	\$5,899 Loss	-58	0	0
\$5,900 -	\$5,999 Loss	-59	0	0
\$6,000 -	\$6,099 Loss	-60	1	0
\$6,100 -	\$6,199 Loss	-61	0	0
\$6,200 -	\$6,299 Loss	-62	0	0
\$6,300 -	\$6,399 Loss	-63	0	0
\$6,400 -	\$6,499 Loss	-64	0	0
\$6,500 -	\$6,599 Loss	-65	0	0
\$6,600 -	\$6,699 Loss	-66	0	0
\$6,700 -	\$6,799 Loss	-67	0	0
\$6,800 -	\$6,899 Loss	-68	0	0
\$6,900 -	\$6,999 Loss	-69	0	0
\$7,000 -	\$7,099 Loss	-70	0	1
\$7,100 -	\$7,199 Loss	-71	0	0
\$7,200 -	\$7,299 Loss	-72	0	0

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P40-42 Earnings in 1959: Self- Employment (Cont'd)	\$7,300 - \$7,399 loss	-73	0	0
	\$7,400 - \$7,499 loss	-74	0	0
	\$7,500 - \$7,599 loss	-75	0	0
	\$7,600 - \$7,699 loss	-76	0	0
	\$7,700 - \$7,799 loss	-77	0	0
	\$7,800 - \$7,899 loss	-78	0	0
	\$7,900 - \$7,999 loss	-79	0	0
	\$8,000 - \$8,099 loss	-80	1	0
	\$8,100 - \$8,199 loss	-81	0	0
	\$8,200 - \$8,299 loss	-82	0	0
	\$8,300 - \$8,399 loss	-83	0	0
	\$8,400 - \$8,499 loss	-84	0	0
	\$8,500 - \$8,599 loss	-85	0	0
	\$8,600 - \$8,699 loss	-86	0	0
	\$8,700 - \$8,799 loss	-87	1	0
	\$8,800 - \$8,899 loss	-88	0	0
	\$8,900 - \$8,999 loss	-89	0	0
	\$9,000 - \$9,099 loss	-90	0	0
	\$9,100 - \$9,199 loss	-91	0	0
	\$9,200 - \$9,299 loss	-92	0	0
	\$9,300 - \$9,399 loss	-93	0	0
\$9,400 - \$9,499 loss	-94	0	0	
\$9,500 - \$9,599 loss	-95	0	0	
\$9,600 - \$9,699 loss	-96	0	0	
\$9,700 - \$9,799 loss	-97	0	0	
\$9,800 - \$9,899 loss	-98	0	0	
\$9,900 - \$9,999 loss	-99	4	0	
	Not applicable (under 14)	998	53682	5338
	No income	999	114756	11497
P52-54 Other Income in 1959: Including Social Security, Railroad Retirement and Public Assistance or Welfare OTHERINCM	Loss of \$1 - \$99	-00)8/	4425	442
	Income of \$1 - \$99	00)		
	\$100 - \$199	001	2810	274
	\$200 - \$299	002	2548	272
	\$300 - \$399	003	2553	267
	\$400 - \$499	004	2021	228
	\$500 - \$599	005	1942	193
	\$600 - \$699	006	2398	230
	\$700 - \$799	007	1874	216
	\$800 - \$899	008	1465	167
	\$900 - \$999	009	1493	135
	\$1,000 - \$1,099	010	1448	138
	\$1,100 - \$1,199	011	581	64
	\$1,200 - \$1,299	012	1169	115
	\$1,300 - \$1,399	013	600	50
	\$1,400 - \$1,499	014	431	45
\$1,500 - \$1,599	015	550	54	

8/Categories with a zero code are not included. Computer interprets -00 and 000 as a single code.

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P52-54 Other Income in 1959 (Cont'd)	\$1,600 - \$1,699	016	363	31
	\$1,700 - \$1,799	017	300	27
	\$1,800 - \$1,899	018	456	40
	\$1,900 - \$1,999	019	250	24
	\$2,000 - \$2,099	020	548	59
	\$2,100 - \$2,199	021	242	27
	\$2,200 - \$2,299	022	197	23
	\$2,300 - \$2,399	023	157	13
	\$2,400 - \$2,499	024	186	23
	\$2,500 - \$2,599	025	204	33
	\$2,600 - \$2,699	026	110	13
	\$2,700 - \$2,799	027	126	16
	\$2,800 - \$2,899	028	89	13
	\$2,900 - \$2,999	029	62	12
	\$3,000 - \$3,099	030	264	26
	\$3,100 - \$3,199	031	64	7
	\$3,200 - \$3,299	032	67	5
	\$3,300 - \$3,399	033	60	2
	\$3,400 - \$3,499	034	39	5
	\$3,500 - \$3,599	035	72	12
	\$3,600 - \$3,699	036	68	12
	\$3,700 - \$3,799	037	38	0
	\$3,800 - \$3,899	038	40	4
	\$3,900 - \$3,999	039	30	5
	\$4,000 - \$4,099	040	358	29
	\$4,100 - \$4,199	041	21	2
	\$4,200 - \$4,299	042	32	3
	\$4,300 - \$4,399	043	18	2
	\$4,400 - \$4,499	044	22	0
	\$4,500 - \$4,599	045	41	2
	\$4,600 - \$4,699	046	18	2
	\$4,700 - \$4,799	047	13	4
	\$4,800 - \$4,899	048	30	3
	\$4,900 - \$4,999	049	9	1
	\$5,000 - \$5,099	050	139	13
	\$5,100 - \$5,199	051	15	0
	\$5,200 - \$5,299	052	15	3
	\$5,300 - \$5,399	053	6	2
	\$5,400 - \$5,499	054	12	0
	\$5,500 - \$5,599	055	21	1
\$5,600 - \$5,699	056	14	1	
\$5,700 - \$5,799	057	8	1	
\$5,800 - \$5,899	058	8	1	
\$5,900 - \$5,999	059	5	2	
\$6,000 - \$6,099	060	67	10	
\$6,100 - \$6,199	061	2	1	
\$6,200 - \$6,299	062	12	1	
\$6,300 - \$6,399	063	8	1	
\$6,400 - \$6,499	064	4	2	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P52-54 Other Income in 1959 (Cont'd)	\$6,500 - \$6,599	065	14	5
	\$6,600 - \$6,699	066	6	0
	\$6,700 - \$6,799	067	8	0
	\$6,800 - \$6,899	068	11	2
	\$6,900 - \$6,999	069	7	0
	\$7,000 - \$7,099	070	38	6
	\$7,100 - \$7,199	071	4	0
	\$7,200 - \$7,299	072	11	0
	\$7,300 - \$7,399	073	13	0
	\$7,400 - \$7,499	074	5	0
	\$7,500 - \$7,599	075	14	0
	\$7,600 - \$7,699	076	5	1
	\$7,700 - \$7,799	077	1	0
	\$7,800 - \$7,899	078	6	0
	\$7,900 - \$7,999	079	6	0
	\$8,000 - \$8,099	080	31	3
	\$8,100 - \$8,199	081	2	0
	\$8,200 - \$8,299	082	2	1
	\$8,300 - \$8,399	083	5	0
	\$8,400 - \$8,499	084	4	0
	\$8,500 - \$8,599	085	4	0
	\$8,600 - \$8,699	086	4	0
	\$8,700 - \$8,799	087	3	0
	\$8,800 - \$8,899	088	0	1
	\$8,900 - \$8,999	089	4	0
	\$9,000 - \$9,099	090	26	1
	\$9,100 - \$9,199	091	0	0
	\$9,200 - \$9,299	092	1	0
	\$9,300 - \$9,399	093	1	0
	\$9,400 - \$9,499	094	1	0
	\$9,500 - \$9,599	095	3	0
	\$9,600 - \$9,699	096	0	0
	\$9,700 - \$9,799	097	3	1
	\$9,800 - \$9,899	098	2	0
	\$9,900 - \$9,999	099	2	1
	\$10,000 - \$10,999	105	63	3
	\$11,000 - \$11,999	115	15	2
	\$12,000 - \$12,999	125	30	0
	\$13,000 - \$13,999	135	15	3
	\$14,000 - \$14,999	145	13	2
\$15,000 - \$15,999	155	23	3	
\$16,000 - \$16,999	165	11	0	
\$17,000 - \$17,999	175	6	0	
\$18,000 - \$18,999	185	11	1	
\$19,000 - \$19,999	195	4	0	
\$20,000 - \$20,999	205	10	0	
\$21,000 - \$21,999	215	1	1	
\$22,000 - \$22,999	225	2	0	
\$23,000 - \$23,999	235	3	1	
\$24,000 - \$24,999	245	6	0	
\$25,000 or more	250	53	2	
\$200 - \$299 loss	-02	1	0	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P52-54 Other Income in 1959 (Cont'd)	\$300 - \$399 loss	-03	3	0
	\$500 - \$599 loss	-05	1	0
	\$600 - \$699 loss	-06	1	0
	\$1,000 to 1,099 loss	-10	0	1
	Not applicable (under 14)	998	53682	5338
	No income	999	92604	9160
P55 Is This Person Chief Income Recip- ient in Family? CHIFINCM	No, family member not having largest income or person under 14	0	119935	11967
	Yes, family member with largest income or person in G.Q. or unrelated person over 14	1	60112	5991
P56-58 Person's Total Income TOTLINCM	Loss of \$1 - \$99	-00) ^{2/}		
	Income of \$1 - \$99	00) ^{2/}	2931	297
	\$100 - \$199	001	2278	247
	\$200 - \$299	002	2097	219
	\$300 - \$399	003	2496	277
	\$400 - \$499	004	2166	236
	\$500 - \$599	005	2433	216
	\$600 - \$699	006	2717	254
	\$700 - \$799	007	2148	239
	\$800 - \$899	008	1829	194
	\$900 - \$999	009	1866	193
	\$1,000 - \$1,099	010	2245	211
	\$1,100 - \$1,199	011	1114	125
	\$1,200 - \$1,299	012	2012	190
	\$1,300 - \$1,399	013	1159	129
	\$1,400 - \$1,499	014	1009	110
	\$1,500 - \$1,599	015	1576	145
	\$1,600 - \$1,699	016	998	110
	\$1,700 - \$1,799	017	911	90
	\$1,800 - \$1,899	018	1289	115
	\$1,900 - \$1,999	019	877	95
	\$2,000 - \$2,099	020	2323	229
	\$2,100 - \$2,199	021	974	114
	\$2,200 - \$2,299	022	1037	53
	\$2,300 - \$2,399	023	891	102
	\$2,400 - \$2,499	024	1127	126
	\$2,500 - \$2,599	025	1393	143
	\$2,600 - \$2,699	026	940	100
	\$2,700 - \$2,799	027	835	83
	\$2,800 - \$2,899	028	939	98
	\$2,900 - \$2,999	029	666	78
	\$3,000 - \$3,099	030	2390	246
	\$3,100 - \$3,199	031	835	83
	\$3,200 - \$3,299	032	912	101
\$3,300 - \$3,399	033	807	77	
\$3,400 - \$3,499	034	712	75	

^{2/}The computer interprets -00 and 000 as a single code.

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P56-58 Person's Total Income (Cont'd)	\$3,500 - \$3,599	035	1222	146
	\$3,600 - \$3,699	036	1080	107
	\$3,700 - \$3,799	037	708	70
	\$3,800 - \$3,899	038	828	87
	\$3,900 - \$3,999	039	787	60
	\$4,000 - \$4,099	040	2224	224
	\$4,100 - \$4,199	041	671	60
	\$4,200 - \$4,299	042	995	96
	\$4,300 - \$4,399	043	709	53
	\$4,400 - \$4,499	044	668	60
	\$4,500 - \$4,599	045	1154	92
	\$4,600 - \$4,699	046	644	74
	\$4,700 - \$4,799	047	659	62
	\$4,800 - \$4,899	048	1038	98
	\$4,900 - \$4,999	049	618	47
	\$5,000 - \$5,099	050	2447	226
	\$5,100 - \$5,199	051	571	59
	\$5,200 - \$5,299	052	926	92
	\$5,300 - \$5,399	053	579	56
	\$5,400 - \$5,499	054	637	58
	\$5,500 - \$5,599	055	861	78
	\$5,600 - \$5,699	056	563	52
	\$5,700 - \$5,799	057	458	47
	\$5,800 - \$5,899	058	499	61
	\$5,900 - \$5,999	059	409	39
	\$6,000 - \$6,099	060	1660	172
	\$6,100 - \$6,199	061	411	30
	\$6,200 - \$6,299	062	515	51
	\$6,300 - \$6,399	063	372	31
	\$6,400 - \$6,499	064	356	39
	\$6,500 - \$6,599	065	633	58
	\$6,600 - \$6,699	066	353	25
	\$6,700 - \$6,799	067	363	39
	\$6,800 - \$6,899	068	383	33
	\$6,900 - \$6,999	069	279	28
	\$7,000 - \$7,099	070	899	108
	\$7,100 - \$7,199	071	230	23
	\$7,200 - \$7,299	072	415	56
	\$7,300 - \$7,399	073	251	25
	\$7,400 - \$7,499	074	211	19
\$7,500 - \$7,599	075	489	37	
\$7,600 - \$7,699	076	193	18	
\$7,700 - \$7,799	077	165	13	
\$7,800 - \$7,899	078	229	22	
\$7,900 - \$7,999	079	166	17	
\$8,000 - \$8,099	080	654	70	
\$8,100 - \$8,199	081	136	13	
\$8,200 - \$8,299	082	167	19	
\$8,300 - \$8,399	083	159	12	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P56-58 Person's Total Income (Cont'd)	\$8,400 - \$8,499	084	146	14
	\$8,500 - \$8,599	085	287	26
	\$8,600 - \$8,699	086	133	18
	\$8,700 - \$8,799	087	114	15
	\$8,800 - \$8,899	088	94	16
	\$8,900 - \$8,999	089	92	9
	\$9,000 - \$9,099	090	417	38
	\$9,100 - \$9,199	091	89	8
	\$9,200 - \$9,299	092	105	11
	\$9,300 - \$9,399	093	91	7
	\$9,400 - \$9,499	094	87	3
	\$9,500 - \$9,599	095	123	14
	\$9,600 - \$9,699	096	94	13
	\$9,700 - \$9,799	097	68	5
	\$9,800 - \$9,899	098	65	9
	\$9,900 - \$9,999	099	52	7
	\$10,000 - \$10,999	105	983	91
	\$11,000 - \$11,999	115	456	45
	\$12,000 - \$12,999	125	439	43
	\$13,000 - \$13,999	135	239	32
	\$14,000 - \$14,999	145	193	20
	\$15,000 - \$15,999	155	203	25
	\$16,000 - \$16,999	165	150	3
	\$17,000 - \$17,999	175	98	12
	\$18,000 - \$18,999	185	127	9
	\$19,000 - \$19,999	195	55	6
	\$20,000 - \$20,999	205	110	14
	\$21,000 - \$21,999	215	72	3
	\$22,000 - \$22,999	225	54	6
	\$23,000 - \$23,999	235	41	4
	\$24,000 - \$24,999	245	36	5
	\$25,000 or more	250	564	52
	\$100 - \$199 loss	-01	3	1
	\$200 - \$299 loss	-02	7	0
	\$300 - \$399 loss	-03	5	0
	\$400 - \$499 loss	-04	3	0
	\$500 - \$599 loss	-05	8	1
	\$600 - \$699 loss	-06	1	0
	\$700 - \$799 loss	-07	2	0
	\$800 - \$899 loss	-08	2	0
	\$900 - \$999 loss	-09	2	0
	\$1,000 - \$1,099 loss	-10	6	0
	\$1,100 - \$1,199 loss	-11	3	0
	\$1,200 - \$1,299 loss	-12	2	0
	\$1,300 - \$1,399 loss	-13	1	0
\$1,400 - \$1,499 loss	-14	2	0	
\$1,500 - \$1,599 loss	-15	1	0	
\$1,600 - \$1,699 loss	-16	0	0	
\$1,700 - \$1,799 loss	-17	0	0	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P56-58 Person's Total Income (Cont'd)	\$1,800 - \$1,899 loss	-18	0	0
	\$1,900 - \$1,999 loss	-19	0	0
	\$2,000 - \$2,099 loss	-20	3	0
	\$2,100 - \$2,199 loss	-21	1	0
	\$2,200 - \$2,299 loss	-22	0	0
	\$2,300 - \$2,399 loss	-23	2	0
	\$2,400 - \$2,499 loss	-24	0	0
	\$2,500 - \$2,599 loss	-25	0	0
	\$2,600 - \$2,699 loss	-26	2	0
	\$2,700 - \$2,799 loss	-27	0	0
	\$2,800 - \$2,899 loss	-28	0	0
	\$2,900 - \$2,999 loss	-29	0	0
	\$3,000 - \$3,099 loss	-30	2	0
	\$3,100 - \$3,199 loss	-31	0	0
	\$3,200 - \$3,299 loss	-32	1	0
	\$3,300 - \$3,399 loss	-33	0	0
	\$3,400 - \$3,499 loss	-34	0	0
	\$3,500 - \$3,599 loss	-35	0	0
	\$3,600 - \$3,699 loss	-36	0	0
	\$3,700 - \$3,799 loss	-37	0	0
	\$3,800 - \$3,899 loss	-38	0	0
	\$3,900 - \$3,999 loss	-39	0	0
	\$4,000 - \$4,099 loss	-40	2	0
	\$4,100 - \$4,199 loss	-41	1	0
	\$4,200 - \$4,299 loss	-42	0	0
	\$4,300 - \$4,399 loss	-43	0	0
	\$4,400 - \$4,499 loss	-44	0	0
	\$4,500 - \$4,599 loss	-45	1	0
	\$4,600 - \$4,699 loss	-46	0	0
	\$4,700 - \$4,799 loss	-47	0	0
	\$4,800 - \$4,899 loss	-48	0	0
	\$4,900 - \$4,999 loss	-49	0	0
	\$5,000 - \$5,099 loss	-50	1	0
	\$5,100 - \$5,199 loss	-51	0	0
	\$5,200 - \$5,299 loss	-52	0	0
	\$5,300 - \$5,399 loss	-53	0	0
	\$5,400 - \$5,499 loss	-54	0	0
	\$5,500 - \$5,599 loss	-55	0	0
	\$5,600 - \$5,699 loss	-56	0	0
	\$5,700 - \$5,799 loss	-57	0	0
	\$5,800 - \$5,899 loss	-58	0	0
	\$5,900 - \$5,999 loss	-59	0	0
	\$6,000 - \$6,099 loss	-60	0	3
	\$6,100 - \$6,199 loss	-61	0	0
	\$6,200 - \$6,299 loss	-62	0	0
	\$6,300 - \$6,399 loss	-63	0	0
	\$6,400 - \$6,499 loss	-64	0	0
	\$6,500 - \$6,599 loss	-65	0	1
\$6,600 - \$6,699 loss	-66	0	0	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P56-58 Person's	\$6,700 - \$6,799 loss	-67	0	0
Total Income	\$6,800 - \$6,899 loss	-68	0	0
(Cont'd)	\$6,900 - \$6,999 loss	-69	0	0
	\$7,000 - \$7,099 loss	-70	0	0
	\$7,100 - \$7,199 loss	-71	0	0
	\$7,200 - \$7,299 loss	-72	0	0
	\$7,300 - \$7,399 loss	-73	0	0
	\$7,400 - \$7,499 loss	-74	0	0
	\$7,500 - \$7,599 loss	-75	0	0
	\$7,600 - \$7,699 loss	-76	0	0
	\$7,700 - \$7,799 loss	-77	0	0
	\$7,800 - \$7,899 loss	-78	0	0
	\$7,900 - \$7,999 loss	-79	0	0
	\$8,000 - \$8,099 loss	-80	0	0
	\$8,100 - \$8,199 loss	-81	0	0
	\$8,200 - \$8,299 loss	-82	0	0
	\$8,300 - \$8,399 loss	-83	0	0
	\$8,400 - \$8,499 loss	-84	0	0
	\$8,500 - \$8,599 loss	-85	0	0
	\$8,600 - \$8,699 loss	-86	0	0
	\$8,700 - \$8,799 loss	-87	0	0
	\$8,800 - \$8,899 loss	-88	0	0
	\$8,900 - \$8,999 loss	-89	0	0
	\$9,000 - \$9,099 loss	-90	0	0
	\$9,100 - \$9,199 loss	-91	0	0
	\$9,200 - \$9,299 loss	-92	0	0
	\$9,300 - \$9,399 loss	-93	0	0
	\$9,400 - \$9,499 loss	-94	0	0
	\$9,500 - \$9,599 loss	-95	0	0
	\$9,600 - \$9,699 loss	-96	0	0
	\$9,700 - \$9,799 loss	-97	0	0
	\$9,800 - \$9,899 loss	-98	0	0
	\$9,900 - \$9,999 loss	-99	4	0
	Not applicable (under 14)	998	53682	5335
	No income	999	35500	353
P62-63 Size of Primary Family or Subfamily FAMSIZE	Not applicable (G.O. or other person not head of family or subfamily)	00	133595	13259 ^{10/}
	2 persons in family or subfamily	02	15431	1556
	3 persons in family or subfamily	03	10109	1010
	4 persons in family or subfamily	04	9153	917

^{10/}There is one person record in P62-63 which has code 1 for this field which is not a valid code listed in the documentation.

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P62-63 Size of Family (Cont'd)	5 persons in family or subfamily	05	5841	595
	6 persons in family or subfamily	06	3074	305
	7 persons in family or subfamily	07	1384	142
	8 persons in family or subfamily	08	687	78
	9 or more persons in family or subfamily	09	773	65
P64 Subfamily Relationship SBFAMREL	Head in a subfamily	0	1377	157
	Wife in a subfamily	1	799	90
	Child in a subfamily	2	1716	202
	In family but not in subfamily	3	160646	15984
	Primary individual	6	7925	787
	Secondary individual in household	7	2662	245
	Noninmate in group quarters	8	3032	290
	Inmate in group quarters	9	1890	203
	P65 Type of Subfamily SBFAMTYP	Husband/wife subfamily, no own children	1	844	86
Husband/wife subfamily with own children		2	1444	179
Female head subfamily with own children		3	1397	150
Other male head subfamily with own children		4	207	34
In family - not in subfamily		5	160646	15984
Primary individual		6	7925	787
Secondary individual		7	2662	245
Noninmate in group quarters		8	3032	290
Inmate in group quarters		9	1890	203
P66 Family Unit Membership and Group Quarters Status FAMEMBER		Family member, no subfamily in household	0	156700	15516
	Family member, subfamily in household, not in subfamily	1	3946	468
	Subfamily member	2	3892	449
	Primary individual	3	7925	787
	Secondary individual in household	4	2662	245
	Noninmate in G.Q. without inmates	7	2908	275
	Noninmate in G.Q. with inmates	8	124	15
	Inmate in group quarters	9	1890	203

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P67 Family Type and Presence of own Children FAMTYPE	Husband/wife and own children under 18	1	10900	10719
	Husband/wife with no children under 18	2	3868	3893
	Female head, with own children under 18	3	700	713
	Female head, with no own children under 18	4	605	720
	Other male head, with own children under 18	5	212	138
	Other male head, with no own children under 18	6	2706	250
	Primary individual	7	7925	787
	Secondary individual	8	2662	245
	Group quarters	9	4922	493
P68-69 Family Relationship Summary FAMRELA	Family head	00	45075	4512
	Wife	01	39540	3928
	Child under 18, single	02	60442	5953
	Child under 18 ever married	03	100	8
	Child 18 and over	04	9453	943
	Other relative under 18, single	05	3225	386
	Other relative under 18, ever married	06	60	6
	Other relative 18 and over	07	5542	697
	Primary individual	08	7925	787
	Secondary individual	09	2562	245
Group quarters member	10	4922	493	
P70 Nativity and Parentage NATIVITY	Both parents born in the U.S.	0	144938	14591
	One parent born in the U.S. and the other in a U.S. possession	1	582	110
	Mother foreign born, father born in U.S.	2	3857	324
	Father foreign born, mother born in U.S.	6	6540	654
	Both parents foreign born	8	14024	1336
	Not applicable (foreign born)	9	9806	943
P71-72 Origin of Foreign Stock BORNINATN	Not applicable (native born person with native parents)	00	144938	14591
	At Sea	01	1	0
	Abroad	02	1	0
	American Samoa	03	0	2

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
F71-72 Origin of Foreign Stock (Cont'd)	Canal Zone	04	2	3
	Guam	05	10	0
	Puerto Rico	06	832	100
	Virgin Islands	07	22	1
	England	10	1831	168
	Scotland	11	685	58
	Wales	12	119	12
	Northern Ireland	13	255	25
	Ireland (Eire)	14	1810	157
	Norway	15	783	93
	Sweden	16	1140	95
	Denmark	17	381	49
	Netherlands	18	411	42
	Belgium	19	162	14
	Switzerland	20	257	38
	France	21	302	29
	Germany	22	4358	409
	Poland	23	2820	281
	Czechoslovakia	24	888	91
	Austria	25	1067	124
	Hungary	26	741	80
	Yugoslavia	27	447	25
	Latvia	28	82	7
	Estonia	29	11	0
	Lithuania	30	404	36
	Finland	31	238	21
	Rumania	32	203	24
	Bulgaria	33	17	0
	Greece	34	436	30
	Italy	35	4526	435
	Spain	36	164	18
	Portugal	37	228	17
	Iceland	38	8	2
	Luxembourg	39	30	3
	Albania	40	25	8
	Other Europe	41	36	2
	Turkey	42	123	13
	Syria	43	91	7
	Lebanon	44	79	7
	Israel	45	9	2
	U.A.R.	46	19	2
	Other Southwest Asia	47	44	2
	India	49	27	0
	China	50	231	25
	Japan	51	351	17
	Korea	52	20	1
	Philippines	53	235	24

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P71-72 Origin of Foreign Stock (Cont'd)	Other Asia	54	15	1
	Byelorussian SSR	55	9	0
	Ukrainian USSR	56	119	2
	Other Russia	57	2240	233
	Canada	60	2955	280
	Mexico	61	1809	162
	Guatemala	62	21	1
	British Honduras	63	5	1
	Honduras	64	35	0
	Nicaragua	65	24	0
	El Salvador	66	1	0
	Costa Rica	67	10	1
	Panama	68	20	0
	Cuba	69	114	12
	Jamaica	70	36	10
	West Indies-Federated	71	83	8
	Dominican Republic	72	23	0
	Haiti	73	6	0
	Other West Indies	74	44	1
	Venezuela	76	15	0
	Ecuador	77	8	3
	Peru	78	7	0
	Uruguay	82	2	0
	Chile	83	10	0
	Argentina	84	6	0
	Other South America	85	23	0
	Columbia	86	10	0
	Northern Africa	87	6	0
	Central Africa	88	9	1
	Union of South Africa	89	5	0
	Azores	93	70	3
	Other Atlantic Islands	94	19	0
	Australia	95	38	7
New Zealand	96	18	3	
Trust Territory	97	3	0	
Other Pacific Islands	98	9	0	
Country not specified	99	291	33	
P73-74 Language Spoken in the Home (Mother Tongue) LANGUAGE	Not applicable (native born)	0	170241	17015
	English	1	1926	159
	Norwegian	2	152	27
	Swedish	3	221	20
	Danish	4	79	11
	Dutch	5	115	18
	French	6	319	26
	Breton	7	1	0
	German	10	1336	184
	Polish	11	602	48

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P73-74 Mother Tongue (Cont'd)	Czech	12	81	9
	Slovak	13	129	13
	Russian	20	247	27
	Ukrainian	21	105	4
	Lithuanian	22	97	4
	Finnish	23	53	5
	Magyar-Hungarian	24	200	25
	Serbo-Croatian	25	86	4
	Slovenian	26	36	4
	Rumanian	27	29	4
	Yiddish	28	535	50
	Greek	30	198	22
	Italian	31	1218	114
	Spanish	32	878	73
	Portuguese	33	101	9
	Basque	34	1	1
	Dalmatian, etc.	35	0	1
	Iraqi	37	2	0
	Japanese	40	107	6
	Chinese	41	103	13
	Arabic	42	35	3
	Near Eastern Arabic Dialects	47	23	0
	Scandinavian	50	3	1
	Flemish	51	39	2
	Celtic	52	39	3
	Balto-Slavic	53	49	3
	Albanian	54	8	1
	Armenian	55	50	5
	Persian (Iranian)	56	2	0
	Other Persian Dialects	57	2	0
	Hindi (Hindustani)	58	3	0
	Hebrew	60	34	4
	Uralic	63	5	0
	Other Altaic	65	4	0
	Libyan	67	1	0
	Other Indo-Aryan	68	2	0
	Korean	70	10	0
Indonesian (Malayan)	75	11	0	
Other Malayan	76	1	0	
Tayalog	77	67	16	
Polynesian	78	1	0	
Other (not classified)	97	2	0	
Not reported	99	411	23	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10:</u>
P75 Year Moved into Unit WHENMOVE	1959 - 1960	0	43226	4123
	1958	1	18376	2030
	1957	2	13780	1387
	1954 - 1956	3	30379	3024
	1950 - 1953	4	22654	2208
	1940 - 1949	5	23463	2450
	1939 or earlier	6	11611	1132
	Always lived here	7	11636	1111
	Not applicable (G.Q.)	8	4922	493
P76 Place of Residence 5 Years Ago RES5YAGO	Same house	0	79729	8020
	Different house, same county	1	47912	4702
	Different county, same State	2	13288	1364
	Different State	3	14032	1419
	Abroad	4	1878	196
	Not applicable (persons under 5 years or not reported)	7	23208	2257
	P77-78 Age at First Marriage MARRYAGE	Not applicable (never married or under 14)	0	81358	8082
14 years old		14	969	90
15 years old		15	1947	198
16 " "		16	3309	347
17 " "		17	5232	541
18 " "		18	7633	819
19 " "		19	8644	812
20 " "		20	9195	932
21 " "		21	9406	917
22 " "		22	8569	841
23 " "		23	7461	751
24 " "		24	6389	644
25 " "		25	5272	528
26 " "		26	4452	427
27 " "		27	3473	364
28 " "		28	2782	273
29 " "		29	2338	237
30 " "		30	1916	184
31 " "		31	1497	162
32 " "		32	1249	141
33 " "		33	1049	97
34 " "		34	923	74
35 " "		35	746	55
36 " "		36	630	72
37 " "		37	488	46
38 " "		38	437	57
39 " "		39	389	31
40 " "		40	330	30
41 " "		41	220	27
42 " "	42	231	24	
43 " "	43	182	19	
44 " "	44	194	14	
45 " "	45	152	17	
46 " "	46	134	13	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P71-72 Origin of Foreign Stock (Cont'd)	Canal Zone	04	2	3
	Guam	05	10	0
	Puerto Rico	06	832	100
	Virgin Islands	07	22	1
	England	10	1831	168
	Scotland	11	685	58
	Wales	12	119	12
	Northern Ireland	13	255	25
	Ireland (Eire)	14	1810	157
	Norway	15	783	93
	Sweden	16	1140	95
	Denmark	17	381	49
	Netherlands	18	411	42
	Belgium	19	162	14
	Switzerland	20	257	38
	France	21	302	29
	Germany	22	4358	409
	Poland	23	2820	281
	Czechoslovakia	24	888	91
	Austria	25	1067	124
	Hungary	26	741	80
	Yugoslavia	27	447	25
	Latvia	28	82	7
	Estonia	29	11	0
	Lithuania	30	404	36
	Finland	31	238	21
	Rumania	32	203	24
	Bulgaria	33	17	0
	Greece	34	436	30
	Italy	35	4526	435
	Spain	36	164	18
	Portugal	37	228	17
	Iceland	38	8	2
Luxembourg	39	30	3	
Albania	40	25	8	
Other Europe	41	36	2	
Turkey	42	123	13	
Syria	43	91	7	
Lebanon	44	79	7	
Israel	45	9	2	
U.A.R.	46	19	2	
Other Southwest Asia	47	44	2	
India	49	27	0	
China	50	231	25	
Japan	51	351	17	
Korea	52	20	1	
Philippines	53	235	24	

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P71-72 Origin of Foreign Stock (Cont'd)	Other Asia	54	15	1
	Byelorussian SSR	55	9	0
	Ukrainian USSR	56	119	2
	Other Russia	57	2240	233
	Canada	60	2955	280
	Mexico	61	1809	162
	Guatemala	62	21	1
	British Honduras	63	5	1
	Honduras	64	35	0
	Nicaragua	65	24	0
	El Salvador	66	1	0
	Costa Rica	67	10	1
	Panama	68	20	0
	Cuba	69	114	12
	Jamaica	70	36	10
	West Indies-Federated	71	83	8
	Dominican Republic	72	23	0
	Haiti	73	6	0
	Other West Indies	74	44	1
	Venezuela	76	15	0
	Ecuador	77	8	3
	Peru	78	7	0
	Uruguay	82	2	0
	Chile	83	10	0
	Argentina	84	6	0
	Other South America	85	23	0
	Columbia	86	10	0
	Northern Africa	87	6	0
	Central Africa	88	9	1
	Union of South Africa	89	5	0
	Azores	93	70	3
	Other Atlantic Islands	94	19	0
	Australia	95	38	7
New Zealand	96	18	3	
Trust Territory	97	3	0	
Other Pacific Islands	98	9	0	
Country not specified	99	291	33	
P73-74 Language Spoken in the Home (Mother Tongue) LANGUAGE	Not applicable (native born)	0	170241	17015
	English	1	1926	159
	Norwegian	2	152	27
	Swedish	3	221	20
	Danish	4	79	11
	Dutch	5	115	18
	French	6	319	26
	Breton	7	1	0
	German	10	1336	184
	Polish	11	602	48

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P77-78 Age at First Marriage (Cont'd)	47 years old	47	109	19
	48 " "	48	103	14
	49 " "	49	75	9
	50 " "	50	63	6
	51 " "	51	70	7
	52 " "	52	57	2
	53 " "	53	47	0
	54 " "	54	47	3
	55 " "	55	46	1
	56 " "	56	31	3
	57 " "	57	31	2
	58 " "	58	17	6
	59 " "	59	17	3
	60 " "	60	21	3
	61 " "	61	15	3
	62 " "	62	12	0
	63 " "	63	16	1
	64 " "	64	13	2
	65 " "	65	11	1
	66 " "	66	4	3
	67 " "	67	5	0
	68 " "	68	10	0
	69 " "	69	3	1
	70 " "	70	2	1
	71 " "	71	2	1
	72 " "	72	2	0
	73 " "	73	1	0
	74 " "	74	1	1
	75 " "	75	2	0
	76 " "	76	1	0
	79 " "	79	3	0
	80 " "	80	1	0
	82 " "	82	1	0
	84 " "	84	1	0
	85 " "	85	1	0
P79 Type of School in Which Enrolled SCHLTYPE	Not enrolled	0	115485	11527
	Public school	1	36984	3819
	Parochial or other private school	2	6801	606
	Not applicable (persons under 5)	4	20777	2006
P80 Veteran Status VETSTATU	Yes	0	23075	2280
	No	1	36390	3648
	Not applicable (females, males under 14 years, males 14+ in the armed forces)	2	120582	12030
P82 Korean War Veteran VETKOREA	Yes	0	4884	483
	No	1	54581	5445
	Not applicable (females, males under 14 years, males 14+ in the armed forces)	2	120582	12030

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P83 World War II Veteran VETWAR2	Yes	0	13852	1382
	No	1	45513	4546
	Not applicable (females, males under 14 years, males 14+ in the armed forces)	2	120582	12030
P84 World War I Veteran VETWAR1	World War I, but not World War II or Korean	0	2541	235
	Not World War I, unless also World War II or Korean	1	56924	5693
	Not applicable (females, males under 14 years, males 14+ in the armed forces)	2	120582	12030
P85 Veteran of Service Any Other Time VETOTHR	Other, but not World War I, World War II or Korean	0	2629	278
	No, unless also World War I, World War II or Korean	1	56836	5650
	Not applicable (females, males under 14 years, males 14+ in the armed forces)	2	120582	12030
P86 Place of Work: SMSA Recode WRKSMSA	In central city of an SMSA	1	25200	2489
	In ring of an SMSA	2	13693	1364
	Outside an SMSA (includes abroad and not reported)	3	2611-	2595
	Not applicable (under 14 or not at work)	5	115034	11507
P89 Place of Work: State Recode WRKSTATE	Same State	0	60608	6002
	Contiguous State	1	1420	137
	Noncontiguous State	2	161	5
	Not reported (includes abroad)	3	2824	307
	Not applicable (under 14 or not at work)	4	115034	11507
P90 Means of Transportation to Work TRANSPOR	Private auto, driver or passenger	0	41433	4074
	Bus	2	5255	546
	Subway	3	1952	168
	Railroad	4	575	51
	Taxi	5	279	26
	Walked only	6	6525	574
	Worked at home	7	4905	449
	Other means	8	1330	148
	Not applicable (persons under 14, persons not "at work," and not reported)	9	117782	11822

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P91 Puerto Rican Stock PUERTOST	Yes	0	861	101
	No	1	179186	17857
P94 Times Married MARYTIME	Once	0	85019	8527
	More than once	1	13670	1349
	Not applicable (under 14 years or never married)	2	81358	8082
P95 Quarter of First Marriage MARYQRTR	First quarter	0	19975	2055
	Second quarter	1	28469	2843
	Third quarter	2	25323	2573
	Fourth quarter	3	24922	2405
	Not applicable (never married or under 14)	4	81358	8082
P96 Metropolitan/ Nonmetropolitan Residence 5 Years Age RES5METR	Metropolitan	0	15533	1607
	Nonmetropolitan	1	11787	1176
	Not an intercounty migrant	2	127641	12722
	Not applicable (age less than 5, residence in 1955 not reported, and abroad)	3	25086	2453

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P104 Allocation	Not allocated	0	171152	17029
Flag: Date of Birth (Recode or Year)	Allocated	1	8895	929
#BORNDAY				
P105 Allocation	Not allocated	0	176273	17501
Flag: Children Ever Born (Female) or Veterans Status (Male)	Allocated	1	3774	457
#BABY/VET				
P106 Allocation	Not allocated	0	175909	17530
Flag: Employment Status Recode	Allocated	1	4138	428
#EMPLOY				
P107 Allocation	Not allocated	0	174150	17282
Flag: Hours Worked (If at Work) or Date Last Worked (If Not at Work)	Allocated	1	5897	676
#HOUR				
P108 Allocation	Not allocated	0	172383	17157
Flag: Worked Last Year	Allocated	1	7664	801
#LAST				
P109 Allocation	Not allocated	0	175787	17503
Flag: Persons Total Income	Allocated	1	4260	455
#INCOME				
P110 Allocation	Not allocated	0	179720	17919
Flag: Nativity	Allocated	1	327	39
#NATIVITY				
P111 Allocation	Not allocated	0	173266	17271
Flag: Mother Tongue	Allocated	1	6781	687
#TONGUE				
P112 Allocation	Not allocated	0	177668	17706
Flag: Enrolled in School	Allocated	1	2379	252
#SCHOOL				

<u>Character and Title</u>	<u>Description of Code</u>	<u>Code</u>	<u>1/1,000</u>	<u>1/10,000</u>
P113 Allocation	Not allocated	0	173880	17320
Flag: Public or Private School #SCHTYPE	Allocated	1	6167	638
P114 Allocation	Not allocated	0	162250	16265
Flag: Age at First Marriage #MARRYAGE	Allocated	1	17797	1693
P115 Allocation	Not allocated	0	175873	17528
Flag: Family Income #FAMINCO	Allocated	1	4174	430

