Occupational Changes in a Generation
(1962 and 1973)

(August 1973 - November 1973)
BIBLIOGRAPHIC IDENTIFICATION

UNIQUE FILE INVENTORY IDENTIFICATION NUMBER: 101178-0001
TYPE OF FILE: numeric

SUBJECT CONTENTS

ABSTRACT: This study focuses on the extent and sources of social mobility in the United States. To measure change in the process of social stratification, the Peter M. Blau and Otis Dudley Duncan study, Occupational Changes in a Generation, 1962, was replicated and extended in 1973. Both the 1962 and 1973 surveys were carried out as supplements to the March Current Population Surveys conducted by the U.S. Bureau of the Census, to elicit data about socioeconomic origins, residential background, and spouse characteristics. Selected data from the two surveys were merged to permit examination of changes in social mobility in the period between the early 1960s and early 1970s, and to help document trends and shifts over several decades of the twentieth century for cohorts born between 1897 and 1951.

UNIVERSE TO WHICH DATA PERTAIN: civilian noninstitutional males in 1962 and 1973

GEOGRAPHIC FOCUS: United States

DESCRIPTORS: social mobility, status attainment, social stratification, occupational mobility, inequality of opportunity, educational mobility

UNIQUE CLASSIFICATION CODES (ASSOCIATED WITH PARTICULAR DATA ITEMS): 1960 U.S. Bureau of the Census industry, occupation, and class of worker codes; foreign country codes; geographic codes; National Opinion Research Center (NORC) 1963-65 Occupational Prestige Scores; Duncan Socio-Economic Index (SEI)

DEMOGRAPHIC VARIABLES: Replicate items in 1962 and 1973 for male respondent and spouse include residence, sex, age, race; father’s occupation, industry, class of worker; living with parents at age 16; number of siblings; farm background; education; current occupation, industry, class of worker; employment status; weeks worked and unemployed; occupation, industry, class of worker of longest job; wages and income; unearned income; total income. Items unique to respondent include place of birth; nativity and parentage of parents; father’s education; place of residence at 16 years; number of older siblings; educational attainment; occupation, industry, class of worker; veteran status; marital status; age at first marriage

MEASUREMENT VARIABLES: NORC 1963-65 Occupational Prestige Scores; Duncan Socio-Economic Index (SEI)
FILE CREATION HISTORY

SPONSOR OR FUNDING AGENCY: National Science Foundation, Washington, D.C., under grant numbers GI-31684 (November 1, 1970-October 31, 1974) and GI-44336 (November 1, 1974-October 31, 1976).

PROJECT RESPONSIBILITY: David L. Featherman and Robert M. Hauser, Departments of Rural Sociology and Sociology, respectively, University of Wisconsin-Madison, Madison, Wisconsin 53706

DATA GATHERING RESPONSIBILITY: Demographic Surveys Division, U.S. Bureau of the Census, Washington, D.C.


TIME COVERAGE (DATE[S] OF DATA COVERAGE): cohorts born between 1897 and 1941, and 1907 and 1951

DATE(S) OF DATA COLLECTION: March-April 1962; March, August-November 1973

SOURCE(S) OF DATA (INPUT): March CPS and supplementary questionnaires

METHODOLOGY

DESCRIPTION OF SAMPLING DESIGN/SELECTION: target population in 1962 was males 20 to 64 years old in civilian noninstitutional population (including as eligible about 900,000 Armed Forces personnel living with families on military posts in the U.S. or off posts in civilian quarters). The Current Population Survey (CPS) design was a stratified, multi-stage cluster sample. Response rate was 83%. Target population in 1973 was males 20 to 65 years old in civilian noninstitutional population. The basic CPS design was expanded. Response rate was 88%. 1973 survey included black and Spanish-American supplements to sample. Population of Replicate Master File encompasses only civilian noninstitutional males and includes OCG non-interview cases in both years.

INSTRUMENTATION: CPS interview, with mailback OCG supplement in 1962; mailout-mailback questionnaire in August-November 1973; blacks interviewed by household visit

DATA QUALITY: Standard error and edit checks by U.S. Bureau of the Census; retrospective items of OCG supplementary data may create unique problems; replicate variables recoded into identical classifications; occupation, industry, and class of worker descriptions coded using materials from 1960 Census; data cannot be used without appropriate weights; some inconsistencies in the data

UNIT OF ANALYSIS/RECORD TYPE: civilian noninstitutional males in the OCG target population. In 1962, N is 24,687; in 1973, N is 37,964. Combined N in release file is 62,651.

NUMBER OF VARIABLES: 136


FILE PROCESSING HISTORY

EDITS, CORRECTIONS, AND CLEANING: All items included in release file subject to edit and consistency checks; selected items corrected in recoding process

DATA MANAGEMENT SOFTWARE: utility programs developed by project staff

TYPE AND MODEL OF COMPUTER: IBM 370/135, Center for Demography and Ecology, University of Wisconsin-Madison
FILE STRUCTURE: rectangular
RECORD STRUCTURE: Record length fixed, containing CPS male data, OCG male data, OCG spouse data, and CPS spouse data; records represent male records, including spouse data if appropriate
CONFIDENTIALITY-PRESERVING STRATEGIES: all identification numbers, state of current residence, SMSA of current residence deleted (9s inserted)

AVAILABILITY
LOCATION OF THE MRDF: Data and Program Library Service, 4452 Social Science Building, University of Wisconsin-Madison, Madison, Wisconsin 53706 USA; tel. no.: 608/262-7962
LOCATION OF THE DOCUMENTATION: same as above
ACCESS RESTRICTIONS: unrestricted to all users
TYPE OF ACCESS: batch mode
RETENTION STATUS: indefinitely
COSTS: direct plus DPLS overhead for exact copy of data and documentation
RECORDING INFORMATION: EBCDIC, no labels, nine channel, odd parity, 1600 BPI; logical record size: 300 characters; block size: 7200 characters. Data can be disseminated in ASCII, BCD, or UNIVAC SDF format to meet user requirements. Created on IBM 370/135 and UNIVAC 1110.
DATA MANAGEMENT SOFTWARE REQUIREMENTS: independent
COMPUTER OR HARDWARE REQUIREMENTS: independent
DATA DISCLAIMER: Principal investigator has no obligation to consult with other users of these data. Distributor distributes MRDF, but does not take responsibility for its condition once file has been received.
REFERENCE MATERIALS: User's Guide to the MachineReadable Data File; Tabulations for Selected Variables (Unweighted Counts)

12/78

A User's Guide to the Machine Readable Data File

Volume 1

Principal Investigators
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University of Wisconsin
Madison, Wisconsin
1975

DPLS ed. 1978

Documentation Prepared By
Data and Program Library Service
1978

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4452 Social Science Building
University of Wisconsin
Madison, Wisconsin 53706


496 p.

This is volume 1 of the descriptive documentation to be used in conjunction with the machine readable data file of the same primary title, Occupational changes in a generation-replicate master file, 1962 and 1973 [machine-readable data file], prepared by principal investigators, David L. Featherman and Robert M. Hauser.


I. Featherman, David L. II. Hauser, Robert M.

1 data file (62,651 logical records) + accompanying documentation (V. 1. A user's guide to the machine readable data file. -- V. 2. Tabulations for selected variables (unweighted counts)). -- (Occupational changes in a generation). --

The U.S. Bureau of the Census conducted both the 1962 and 1973 surveys. The 1962 data were put in unit record form by the Bureau as part of the Featherman and Hauser project.

SUMMARY: In 1973, the U.S. Bureau of the Census conducted a survey on behalf of David Featherman and Robert Hauser to explore the effects that peoples' backgrounds, schooling, training in the military, and their early work experiences have on their work careers. The study was a replicate and extension of the 1962 Occupational changes in a generation survey conducted by the U.S. Bureau of the Census on behalf of Peter M. Blau and Otis Dudley Duncan to examine the extent and sources of social mobility in the United States.

The independent, cross-sectional surveys were conducted as supplements to the 1962 and 1973 March Current population surveys (also known as the Annual Demographic File). Selected data items from the surveys were merged to permit examination of changes in social mobility in the period between the early 1960s and early 1970s, and to help document trends and shifts over several decades of the 20th century for cohorts born between 1897 and 1951.

The data include education, occupation, industry, and earnings for men aged 20 to 64 and their wives; number of siblings and paternal education, occupation, and industry for men and their wives; and additional social background and work-history variables for men.

ISBN 0-89605-015-7

1. Featherman, David L. 2. Hauser, Robert M.
DPLS ACKNOWLEDGEMENT

These data have been deposited at DPLS for public distribution by David L. Featherman and Robert M. Hauser of the Departments of Rural Sociology and Sociology, respectively, University of Wisconsin-Madison. The text documentation has been prepared by the Data and Program Library Service (DPLS).

ACKNOWLEDGEMENT OF ASSISTANCE

All manuscripts utilizing data made available through the Data and Program Library Service should acknowledge that fact as well as cite the title of the study as indicated on the title page and sample catalog statement and identify the original collector of the data. DPLS urges all users of these data to follow some adaptation of this statement with the parentheses indicating items to be completed or deleted appropriately by the individual analyst.

The data (and tabulations) utilized in this (publication) were made available (in part) by the Data and Program Library Service at the University of Wisconsin-Madison. The data for Occupational Changes in a Generation-Replicate Master File, 1962 and 1973 were originally collected by the U.S. Bureau of the Census under grants from the National Science Foundation to Peter M. Blau and Otis Dudley Duncan at the University of Chicago and to David L. Featherman and Robert M. Hauser at the University of Wisconsin-Madison. The 1962 data were reprocessed and released in unit record form by the Bureau of the Census under NSF grant numbers GI-31604 and GI-44336 to David L. Featherman and Robert M. Hauser. The Bureau of the Census, National Science Foundation, principal investigators, and DPLS do not 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 DPLS participants' research activities, each user of the DPLS facilities is expected to send two copies of each completed manuscript, thesis abstract, or reprint to DPLS.
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Appendix Q: "A Sampling Design Factor for the 1962 OCG" (Robert M. Hauser, 5 January 1972)

Appendix R: "Design for a Replicate Study of Social Mobility in the United States" (David L. Featherman and Robert M. Hauser)


Appendix T: "Appendix C: Quality of Retrospective Occupation Reports" (reproduced from Opportunity and Change by David L. Featherman and Robert M. Hauser)

Appendix U: "Appendix D: Eliciting Ethnic Ancestry" (reproduced from Opportunity and Change by David L. Featherman and Robert M. Hauser)

Appendix V: "Appendix F: Comparisons of Basic (CPS) and Supplementary Samples of Black Men in the 1973 OCG" (reproduced from Opportunity and Change by David L. Featherman and Robert M. Hauser)

Appendix W: OCG-11 Tabulation Specification No. 5

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Appendix Z: Data File Order Form

Volume II

Tabulations for Selected Variables (Unweighted Counts)
UNIQUE FILE INVENTORY IDENTIFICATION NUMBER: 101178-001


TYPE OF FILE: numeric

SUBJECT CONTENTS

ABSTRACT: This study focuses on the extent and sources of social mobility in the United States. To measure change in the process of social stratification, the Peter M. Blau and Otis Dudley Duncan study, Occupational Changes in a Generation, 1962, was replicated and extended in 1973. Both the 1962 and 1973 surveys were carried out as supplements to the March Current Population Surveys conducted by the U.S. Bureau of the Census, to elicit data about socioeconomic origins, residential background, and spouse characteristics. Selected data from the two surveys were merged to permit examination of changes in social mobility in the period between the early 1960s and early 1970s, and to help document trends and shifts over several decades of the twentieth century for cohorts born between 1897 and 1941 (OCG-I) and 1907 and 1951 (OCG-II).

UNIVERSE TO WHICH THE DATA PERTAIN: civilian noninstitutional males in 1962 and 1973; target population in 1962 is males 20 to 64 years, in 1973, 20 to 65 years.

GEOGRAPHIC FOCUS: United States

DESCRIPTORS: social mobility, status attainment, social stratification, occupational mobility, inequality of opportunity, educational mobility

UNIQUE CLASSIFICATION CODES (ASSOCIATED WITH PARTICULAR DATA ITEMS): 1960 U.S. Bureau of the Census industry, occupation, and class of worker codes; foreign country codes; geographic codes; National Opinion Research

*The following description does not represent the recommended form for creating text documentation to accompany a machine readable data file. Rather, it has been prepared to assist users in retrieving information about the data file in an efficient manner and to make these data as quickly available to the
Center (NORC) 1963-65 Occupational Prestige Scores; Duncan Socio-economic Index (SEI).

DEMOGRAPHIC VARIABLES: Replicate items in 1962 and 1973 for male respondent and spouse include residence, sex, age, race; father's occupation, industry, class of worker; living with parents at age 16; number of siblings; farm background; education; current occupation, industry, class of worker; employment status; weeks worked and unemployed; occupation, industry, class of worker of longest job; wages and income; unearned income; total income. Items unique to respondent include place of birth; nativity and parentage of parents; father's education; place of residence at 16 years; number of older siblings; educational attainment; occupation, industry, class of worker; veteran status; marital status; age at first marriage.

MEASUREMENT VARIABLES: NORC 1963-65 Occupational Prestige Scores; Duncan Socio-Economic Index (SEI).

FILE CREATION HISTORY

SPONSOR OR FUNDING AGENCY: National Science Foundation, Washington, D.C., under grant numbers GI-31604 (November 1, 1971-October 31, 1974) and GI-44336 (November 1, 1974-October 31, 1976).

PROJECT RESPONSIBILITY: David L. Featherman and Robert M. Hauser, Departments of Rural Sociology and Sociology, respectively, University of Wisconsin-Madison, Madison, WI 53706.

DATA GATHERING RESPONSIBILITY: Demographic Surveys Division, U.S. Bureau of the Census, Washington, D.C.

DATA PROCESSING RESPONSIBILITY: U.S. Bureau of the Census reprocessed and released in unit record form the 1962 data and was responsible for the initial processing of the 1973 data. Peter Dickinson, Center for Demography and Ecology, at the University of Wisconsin-Madison, created the merged 1962-1973 data file.


DATE(S) OF DATA COLLECTION: March-April 1962; March, August-November 1973.

SOURCE(S) OF DATA (INPUT): March CPS and supplementary questionnaires

social science user community as was possible within the constraints of staff and project resources. Most of the information contained in this description was excerpted from David L. Featherman and Robert M. Hauser, Opportunity and Change (New York: Academic Press, 1978).
METHODOLOGY

DESCRIPTION OF SAMPLING DESIGN/SELECTION: The target population in 1962 was males 20 to 64 years old in the civilian noninstitutional population in March 1962 (including as eligible about 900,000 Armed Forces personnel living with families on military posts in the United States or off posts in civilian quarters). The Current Population Survey design, a stratified, multi-stage cluster sample, included more than 35,000 occupied dwelling units or households which contained about 25,000 eligible males. The response rate was 83%.

The target population in 1973 was males 20 to 65 years old in the civilian noninstitutional population. The Current Population Survey (CPS) sample was expanded to include over 48,000 household interviews, yielding an average of 0.73 eligible OCG respondents per household. More than 33,600 completed supplements (88%) were returned. A supplement sample of black males was drawn, based on households headed by a black in October 1972. Of the nearly 4,300 households headed by a black in October 1972, nearly half were eliminated because of noninterviews on the CPS questionnaire or because of the absence of an eligible OCG male. In the remaining cases, a response rate of about 93% yielded approximately 2,200 supplemental black males. The 1973 March CPS was also supplemented by households identified as having a head of Spanish origin in October 1972. These cases were added to the March sampling frame and treated as if normally part of the March 1973 CPS and the early fall OCG mailout-mailback design. Supplementation led to a doubling of Spanish origin OCG respondents. A comparison of the basic (CPS) and supplementary samples of black men in the 1973 OCG is contained in the appendix to the User's Guide (Appendix F of Opportunity and Change, pp. 541-544, has been reproduced).


The population of the Replicate Master File encompasses the civilian noninstitutional males who constituted the OCG target population in each year. This includes OCG non-interview cases in both years. All military (non-civilian) personnel from the 1962 sample are excluded. Elimination of Armed Forces personnel for the 1962 data reduces the number of OCG respondents by 367 cases. In terms of their coverage of the total population of males 20 to 64 years, the analysis samples are equally representative. Details on population coverage, weighting, and sampling variability in the 1962 and 1973 OCG surveys are contained in the appendix to the User's Guide (Appendix B of Opportunity and Change, pp. 507-514, has been reproduced). Also, see Peter M. Blau and Otis Dudley Duncan, The American Occupational Structure (New York: John Wiley and Sons, Inc., 1967), Appendix G ("Estimated Standard Errors of Percentages in OCG Data"); and Robert M. Hauser and David L. Featherman, The Process of Stratification: Trends and Analyses (New York: Academic Press, 1977), Appendix F ("A Sampling Design Factor for the 1962 'Occupational Changes in a Generation' Survey").

INSTRUMENTATION: The CPS interviewers in March 1962 left behind a two-page OCG supplement questionnaire for each eligible male. (See Occupational Changes in a Generation, 1962 [machine readable data file] for information
on interviewer instructions.) The OCG 1973 supplement items were ascer-
tained by means of an eight-page mailout-mailback questionnaire in
August-November 1973. Nonrespondents were followed up by a combination
of mailings (1973 only), telephone calls, and personal interviews. (See
appendix to the User's Guide for office memoranda, interviewer, and field
instructions issued by the U.S. Bureau of the Census.) In the black supple-
ment, households were screened for eligible males, and they were inter-
viewed personally starting in April 1973 using the March 1973 CPS question-
aire and the OCG supplement. All supplemental black males were interviewed
by a household visit rather than by telephone. (See the appendix to the
User's Guide for office memoranda, interviewer and field instructions
issued by the U.S. Bureau of the Census.)

Items common to both the 1962 and 1973 OCG studies are identically worded.
However, even with the same wording, a deliberate change in question con-
text made the data on first full-time civilian jobs incomparable between
the 1962 and 1973 surveys.

DATA QUALITY: Both the 1962 and 1973 surveys were subject to standard
error and edit checks carried out by the U.S. Bureau of the Census. The
Bureau of the Census reports periodically about its procedures and quality.
The analyst is referred to detailed descriptions of the methodology of the
and Design and Methodology (1978); Evaluation and Research Program of the
U.S. Censuses of Population and Housing, 1960: Effects of Coders (Series
ER 60, No. 9, 1972); and Coding Performance in the 1970 Census (PHC(E)-8).
Two items in the 1962 and 1973 supplement (father's occupation and son's
first full-time occupation) were subjected to a field edit, and the entire
supplement was reviewed when the response to either of these items was
deficient.

There may be unique problems in the OCG supplementary data because many
of the items are retrospective. Limited efforts were made to measure the
reliability or validity of retrospective reports in the 1962 and 1973
surveys. For the 1962 data, see Peter M. Blau and Otis Dudley Duncan,
The American Occupational Structure (New York: John Wiley and Sons, Inc.,
1967), Appendix D (''Chicago Pretest Matching Study'') and Appendix E (''Cen-
sus Checks on Retrospective Data''); William T. Bielby and Robert M. Hauser,
"Response Error in Earnings Functions for Nonblack Males," Sociological
Methods and Research 6 (November): 241-280; William T. Bielby, Robert M.
Hauser, and David L. Featherman, "Response Errors of Nonblack Males in
Models of the Stratification Process," in A.S. Goldberger and D.J.
Aigner (Eds.), Latent Variables in Socioeconomic Models (Amsterdam: North
Holland, 1977); Bielby, Hauser, and Featherman, "Response Errors of Black
and Nonblack Males in Models of the Intergenerational Transmission of
Socioeconomic Status," American Journal of Sociology 82(May): 1242-1288;
Bielby, Hauser, and Featherman, "Response Errors of Nonblack Males in the
Association 72 (December): 723-735; and William T. Bielby, "The Specifi-
cation of Measurement Error in Models of the Socioeconomic Achievement
Process" (unpublished dissertation, University of Wisconsin-Madison; also
available in limited distribution, as Center for Demography and Ecology
Report of the 1962 occupation is the current or last occupation for the 1962 OCG sample and was asked of the 1973 OCG respondents for their 1962 occupation. The reader is referred to the appendix of the User's Guide (Appendix C, "Quality of Retrospective Occupation Reports," from Opportunity and Change is reproduced).

The replicate variables in the OCG-Replicate Master File were recoded into identical classifications. The reader is referred to the appendix of the User's Guide, "OCG Tabulation Specifications No. 5" [rev. 11/1/74] for full details.

Occupation, industry, and class of worker descriptions were coded using materials from the 1960 Census in the 1962 OCG survey, and using materials from the 1960 and 1970 Census in the 1973 OCG survey. Only the 1960-basis Census codes are included in the OCG-Replicate Master File.

Total income (variable YND7W) in 1962 was asked in the February 1962 CPS survey; the two new rotation groups in the month of March therefore do not have income data because it was asked in February, but not in March.

Data cannot be used without the appropriate weights. Use of the file without the weight variable will produce results which are not comparable with other published results. Three weights are assigned to each OCG respondent: the CPS weight (WGTCPS), OCG weight (WGTPRM), and an alternate OCG weight (WGTALT) for 1973 only. The primary weight is the weight used for OCG respondents in the OCG target population (including the Spanish supplement in the March 1973 CPS), plus the black supplement. The alternate weight pertains only to OCG respondents in the target population (i.e., not the black supplement). The Bureau of the Census modified the CPS weights to take account of nonresponse in the OCG surveys. Basically, the CPS weights for the OCG respondents were adjusted to sum to age specific population counts for the black, Spanish, and majority populations. (See Technical Papers No. 7 and 40, op. cit.; Robert M. Hauser's January 5, 1972 discussion paper, "A Sampling Design Factor for the 1962 OCG" (mimeo), and "Appendix B: Population Coverage, Weighting, and Sampling Variability in the 1962 and 1973 OCG Surveys" from Opportunity and Change [both are reproduced in the appendix of the User's Guide]). There is one case with a negative weight (1962 data). Please note that Volume II of the User's Guide (frequency counts for selected variables) provides distributions for the unweighted sample only.

There are some inconsistencies in the data. For example, inconsistencies are contained in the marital reports data in the CPS and OCG segments. In addition, there are suspicious illegal values (e.g., age at first job, age at first marriage). It is recommended that the analyst not use the income allocation data for 1962.

UNIT OF ANALYSIS/RECORD TYPE: civilian noninstitutional males in the OCG target population. In 1962, the N is 24,687 (22,208 Whites, 2,231 Blacks, 248 Others). In 1973, the N is 37,964 (32,329 Whites, 5,216 Blacks, 419 Others). In 1962, the OCG target population is N of 20,329; in 1973, N of 33,613. The total combined N in the release file is 62,651.

NUMBER OF VARIABLES: 136

FILE PROCESSING HISTORY

EDITS, CORRECTIONS, AND CLEANING: All items included in the Replicate Master File were subject to edit and consistency checks. Selected items were corrected in the recording process. The person-record identifier is constructed from the 1962 serial and line numbers and from the 1973 random cluster codes, segment, serial, and line number. Each variable has been assigned a unique character name: the last character(s) of the variable name is "X" for the OCG respondent; "W" for spouse; "F" for respondent's father; and "WF" for spouse's father. See the appendix to the *User's Guide, OCG Tabulation Specifications No. 5,"* for full details.

DATA MANAGEMENT SOFTWARE: The processing of these data was carried out using utility programs developed by the project staff.

TYPE AND MODEL OF COMPUTER: These data were processed on an IBM 370/135 at the Center for Demography and Ecology, University of Wisconsin-Madison.

FILE STRUCTURE: rectangular

RECORD STRUCTURE: The record length is fixed, containing (for the OCG target male) CPS male data, OCG male data (for OCG interview cases only, filler (9s) for non-interviews), OCG spouse data (if married OCG target male, otherwise filled with 9s), and CPS spouse data (if married OCG target male, otherwise filled with 9s). Records are organized to represent male records, including spouse data or blanks as appropriate. The logical order of information is as follows: (a) household geographic and person-record identifiers (character locations 1-45); (b) male's OCG and CPS information which overlaps with present spouse's (order of items identical in (b) and (d) (character locations 46-131); (c) male's unique data (i.e., not reported by or for female) from the OCG and CPS (character locations 132-213); and (d) female's OCG and CPS information overlapping with present-spouse's (order of items identical in (b) and (d) (character locations 214-300).

CONFIDENTIALITY-PRESERVING STRATEGIES: In order to assure anonymity of the data subjects, in conformity with U.S. Bureau of the Census regulations, all identification numbers, state of current residence, SMSA of current residence items have been coded with 9s.
AVAILABILITY

LOCATION OF THE MRDF: Data and Program Library Service, 4452 Social Science Building, University of Wisconsin-Madison, Madison, WI 53706; tel. no.: 608/262-7962.

LOCATION OF THE DOCUMENTATION: same as 6.1

ACCESS RESTRICTIONS: unrestricted to all users

TYPE OF ACCESS: batch mode

RETENTION STATUS: indefinitely

COSTS: direct plus DPLS overhead for exact copy of data and documentation

RECORDING INFORMATION: The archival file consists of one file stored on magnetic tape. All information is in character format. Mode: EBCDIC; no labels; odd parity, nine channel, 1600 BPI. Logical record size: 300 characters. Block size: 7,200 characters. Data can be disseminated in ASCII, BCD or UNIVAC SDF format to meet user requirements. Created on an IBM 370/135 and UNIVAC 1110.

DATA MANAGEMENT SOFTWARE REQUIREMENTS: software independent

COMPUTER OR HARDWARE REQUIREMENTS: hardware independent

DATA DISCLAIMER: Principal investigator has no obligation to consult with other users of these data; distributor distributes MRDF, but does not take responsibility for its condition once file has been received.

REFERENCE MATERIALS: User's Guide to the Machine Readable Data File; Tabulations for Selected Variables (Unweighted Counts)

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| **Hale's OCG and CPS Information Which Overlaps With Present-Spouse's** | |
| Sex of Person                                  | SEXX      | 46       |
| Experienced Labor Force                        | UVELFX    | 47       |
| Civilian Labor Force                           | UVCLFX    | 48       |
| Age                                            | AGEX      | 49-50    |
| Age Code                                       | AGE5X     | 51       |
| Cohort                                         | CHT5X     | 52       |
| Race                                           | RACEX     | 53       |
| Father's Occupation                            | OCD6F     | 54-56    |
| Father's Industry                              | IND6F     | 57-59    |
| Father's Class of Worker                       | CWR6F     | 60       |
| Father's SEI Score                             | SE16F     | 61-62    |
| Siegel Prestige Score - Father's Occupation   | SGL6F     | 63-65    |
| Total Siblings                                 | SIBX      | 66-67    |
| Number of Sisters                              | S1SX      | 68-69    |
| Number of Brothers                             | B1OX      | 70-71    |

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1962-73 Replicate Master Tape

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*Rev. 16 July 79*
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<td>14-19, 65-99, else</td>
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<td>1907-1911</td>
</tr>
<tr>
<td></td>
<td>Not in intracohort</td>
<td>universe</td>
</tr>
</tbody>
</table>

| 53       | Race                        | White       |
|          | RACEX                       | Negro       |
|          |                             | Other       |

| 54-56    | Father's Occupation         | 1960 U.S. Census code |
|          | OCD6F                       | 000-994   |
|          |                             | NA; OCG non-interview |
|          |                             | See Appendix F |

| 57-59    | Father's Industry           | 1960 U.S. Census code |
|          | IND6F                       | 000-936   |
|          |                             | NA; OCG non-interview |
|          |                             | See Appendix G |

| 60       | Father's Class of Worker    | Private business |
|          | CWR6F                       | Government employee |
|          |                             | Self-employed |
|          |                             | Without pay |
|          |                             | NA; OCG non-interview |

| 61-62    | Father's SEI Score          | (1950-basis, Duncan) |
|          | SEI6F                       | 00-96    |
|          |                             | NA; OCG non-interview |
|          |                             | See Appendix H |

| 63-65    | Siegel Prestige Score--Father's | (With one implied decimal place) |
|          | Occupation                    | NA      |
|          | SGL6F                        | 000-820 |
|          |                             | 999     |
|          |                             | See Appendix l |

| 66-67    | Total Siblings               | None to 8 siblings |
|          | SIBX                         | 9 or more siblings |
|          |                             | NA, including OCG |
|          |                             | non-interview |

| 68-69    | Number of Sisters            | None to 8 sisters |
|          | SISX                         | 9 or more sisters |
|          |                             | NA, including OCG |
|          |                             | non-interview |

19
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>CHARACTERISTIC AND PNEUMONIC</th>
<th>DESCRIPTION</th>
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</thead>
</table>
| 70-71    | Number of Brothers          | None to 8 brothers 00-08  
|          | BROX:                       | 9 or more brothers 09  
|          |                             | NA, including OCG non-interview 99 |
| 72       | Living with Parents at age 16 | Both parents 0  
|          | LIVPAR                      | Father 1  
|          |                             | Mother 2  
|          |                             | Other male 3  
|          |                             | Other female 4  
|          |                             | NA; OCG non-interview 9 |
| 73       | Farm Background             | Non-fam 0  
|          | FRMORX                      | Farm 1  
|          |                             | NA; OCG non-interview 9 |
| 74       | Education Attainment Recode | None 0  
|          | EDR6X                       | Elementary, 1-4 1  
|          |                             | Elementary, 5-7 2  
|          |                             | Elementary, 8 3  
|          |                             | High School, 1-3 4  
|          |                             | High School, 4 5  
|          |                             | College, 1-3 6  
|          |                             | College, 4 7  
|          |                             | College, 5+ 8 |
| 75-76    | Education Attainment CPS   | None 00  
|          | Components                  | Elementary, 1 01  
|          | EDCPX                       | Elementary, 2 02  
|          |                             | Elementary, 3 03  
|          |                             | Elementary, 4 04  
|          |                             | Elementary, 5 05  
|          |                             | Elementary, 6 06  
|          |                             | Elementary, 7 07  
|          |                             | Elementary, 8 08  
|          |                             | High School, 1 09  
|          |                             | High School, 2 10  
|          |                             | High School, 3 11  
|          |                             | High School, 4 12  
|          |                             | College, 1 13  
|          |                             | College, 2 14  
|          |                             | College, 3 15  
|          |                             | College, 4 16  
<p>|          |                             | College, 5 or more 17 |</p>
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<td>77-78</td>
<td>Current Occupation</td>
<td>Professional, technical</td>
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<tr>
<td></td>
<td>OCI6:</td>
<td>Engineers 01</td>
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<tr>
<td></td>
<td></td>
<td>Medical-salaried 02</td>
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<tr>
<td></td>
<td></td>
<td>Medical--self employed &amp; WP 03</td>
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<tr>
<td></td>
<td></td>
<td>Teachers, except college 04</td>
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<tr>
<td></td>
<td></td>
<td>Other professional - salaried 05</td>
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<tr>
<td></td>
<td></td>
<td>Other professional - self-employed &amp; WP 06</td>
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<tr>
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<td>Managers, officials, proprietors</td>
<td>Salaried 07</td>
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<td></td>
<td></td>
<td>Self-employed - retail trade 08</td>
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<tr>
<td></td>
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<td>Self-employed - other 09</td>
</tr>
<tr>
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<td>Clerical</td>
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<td>Sales workers</td>
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<td>Craftsmen, foremen, and kindred</td>
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<td></td>
<td>Other, construction craftsmen 15</td>
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<tr>
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<td>Foremen 16</td>
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<td>Operatives and kindred</td>
<td>Drivers and delivery men 22</td>
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<td>Mine workers 23</td>
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<td>Other durable goods 25</td>
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<td>Nondurable goods 26</td>
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### Current Occupation (continued)  
OC16X

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<td>All other industries 30</td>
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<td>Other service workers</td>
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<td>Waiters, cooks and</td>
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<td>Farm laborers and</td>
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<td>foremen</td>
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<td>Other retail establishments 28</td>
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<td>NA, not in ECLF 9</td>
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<td>82</td>
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<td>Unemployed, new worker 2</td>
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<td>Unemployed, experienced worker 3</td>
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<td>83-85</td>
<td>Hours Worked Last Week WRHRSX</td>
<td>Number of single hours NA; not working 001-099 999</td>
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<td>Employment Status Last Week ESRX</td>
<td>Employed, working 1 Employed, not at work 2 Unemployed, looking 3 House 4 School 5 Unable 6 Other (includes retired) 7</td>
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<td>Weeks Worked Last Year WRWXS X</td>
<td>None 1 1-13 weeks 2 14-26 weeks 3 27-39 weeks 4 40-47 weeks 5 48-49 weeks 6 50-52 weeks 7 NA 9</td>
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<td>88</td>
<td>Full Time/Part Time FPTIMX</td>
<td>Full time 1 Part time 2 NA; not full-part year workers; not 1962 Feb/March match 9</td>
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<td>89-91</td>
<td>Weeks Unemployed WKNEMX</td>
<td>Number of weeks 000-099 NA; not unemployed 999</td>
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<td>92-93</td>
<td>Occupation of Longest Job OCL6XL</td>
<td>Professional, technical, and kindred workers: Self-employed: Medical &amp; other health workers 00 Other self-employed 01 Salaried: Engineers, technical 02 Medical and other health workers 03 Teachers, primary and secondary 04 Other salaried workers 05</td>
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<tr>
<td>92-93</td>
<td>Occupation of Longest Job (continued)</td>
<td>OCL6XL</td>
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</tbody>
</table>

**Farmers and farm managers**: 06
Managers, officials, and proprietors except farm:
- Self-employed: 07
- In retail trade 07
- Other self-employed 08
- Salaried 09

Clerical and kindred workers:
- Secretaries, stenographers and typists 10
- Other clerical and kindred workers 11

Sales workers:
- In retail trade 12
- Other sales workers 13

Craftsmen, foremen, and kindred workers:
- Foremen 14
  - Craftsmen: 15
    - In construction 15
    - Other craftsmen 16

Operatives and kindred workers:
- In durable goods mfg. 17
- In nondurable goods mfg. 18
- Other operatives and kindred workers 19

Private household workers 20

Service workers, except private household:
- Waiters, cooks and bartenders 21
- Other service workers 22

Farm laborers and foremen 23

Laborers except farm and mine 24

**NA; never worked; not Feb./March 1962 match; not full/part 99 year worker, 1973**
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>CHARACTERISTIC AND PNEUMONIC</th>
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<tr>
<td>94-95</td>
<td>Industry of Longest Job</td>
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<td>Forestry &amp; fisheries 02</td>
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| 146-147  | Nativity and Parentage of Respondent (continued) NATORX | USSR 07  
All other Europe 08  
Canada 09  
Mexico and all other America except Canada 10  
Asia and all other 11  
OCG non-interview 99 |
| 148      | Father's Education EDR6F | None 0  
Elementary, 1-4 1  
Elementary, 5-7 2  
Elementary, 8 3  
High School, 1-3 4  
High School, 4 5  
College, 1-3 6  
College, 4 7  
College, 5 or more 8  
NA; OCG non-interview 9 |
| 149      | Place of Residence at 16 RSD16 | Same as present 1  
Different:  
City 100,000+ 2  
Suburb near large city 3  
City less than 100,000 4  
Rural nonfarm 5  
Rural farm 6  
NA 9 |
| 150-151  | Number of Older Brothers BROOL | None to 8 brothers 00-08  
9 or more brothers 09  
NA 99 |
| 152-153  | Number of Older Sisters SISOL | None to 8 sisters 00-08  
9 or more sisters 09  
NA 99 |
<table>
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<tr>
<td>154</td>
<td>Educational Attainment of Oldest Brother</td>
<td>None 0, Elementary, 1-4 1, Elementary, 5-7 2, Elementary, 8 3, High School, 1-3 4, High School, 4 5, College, 1-3 6, College, 4 7, College, 5 or more 8, NA; OCG non-interview; No older brother lived to 25; no oldest brother 9</td>
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<td>155</td>
<td>Was Respondent Enrolled in Regular School, March 1962?</td>
<td>Yes 1, No 2, NA, 1962 report 9</td>
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<td>156-157</td>
<td>Educational Attainment (OCG Report) EDY7X</td>
<td>Never attended 00, Grade, 1-12 01-12, College, 1-5+ 13-17, NA; blank; 1962 report 99</td>
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<td>158-159</td>
<td>Age at First Job AGE7X1</td>
<td>0-65 years 00-65, NA, OCG non-interview 99</td>
</tr>
<tr>
<td>160-162</td>
<td>Occupation, First Job OCD6X1</td>
<td>1960 U.S. census code 000-994, NA; OCG non-interview 999, See Appendix F</td>
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<tr>
<td>163-165</td>
<td>Industry, First Job IND6X1</td>
<td>1960 U.S. census code 000-936, NA; OCG non-interview 999, See Appendix G</td>
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<tr>
<td>166</td>
<td>Class of Worker, First Job CWR6X1</td>
<td>Private, with pay, family business or farm 1, Government 2, Self-employed 3, Not paid, family business or farm 4, NA; OCG non-interview 9</td>
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<td>CHARACTERISTIC AND MEANING</td>
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<tr>
<td>167-168</td>
<td>SEI Score, First Job</td>
<td>(1950-basis, Duncan) 00-96 NA; CCG non-interview 99 See Appendix H</td>
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<tr>
<td>169-171</td>
<td>Siegel Prestige Score</td>
<td>NA 000-820 See Appendix I</td>
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<tr>
<td>172-174</td>
<td>Current Occupation</td>
<td>1960 U.S. census code 000-994 NA; CCG non-interview 999 not in CLF See Appendix F</td>
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<td>175-177</td>
<td>Current Industry</td>
<td>1960 U.S. census code 000-936 NA; CCG non-interview 999 not in CLF See Appendix G</td>
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<tr>
<td>178</td>
<td>Current Class of Worker</td>
<td>Private 1 Government 2 Self Employed 3 Not paid 4 NA; CCG non-interview 9 not in CLF See Appendix H</td>
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<td>179-180</td>
<td>SEI Score, Current Occupation</td>
<td>(1950-basis, Duncan) 00-96 NA; never worked; not in experienced civilian labor force 99 See Appendix H</td>
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<tr>
<td>181-183</td>
<td>Siegel Prestige Score, Current Job</td>
<td>000-820 See Appendix I</td>
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<tr>
<td>184-185</td>
<td>Group II Occupation, Current Occupation</td>
<td>Professional, etc., self-employed and NP 01 Professional, etc., salaried and NA 02 Managers, etc., salaried &amp; NA 03 Managers, etc., self-employed &amp; NP 04 Sales—not retail trade and NA 05 Sales—retail trade 06 Clerical 07 Crafts, etc.—manufacturing 08 Crafts, etc. — construction 09 Crafts, etc.—all other and NA 10 Operatives—manufacturing 11</td>
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<tr>
<td>184-185</td>
<td>Group II Occupation, Current Occupation (continued) OCS6X</td>
<td>Operatives - all other and NA 12</td>
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<tr>
<td></td>
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<td>Service and private household 13</td>
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<td>Labor - manufacturing 14</td>
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<td>Labor - all other and NA 15</td>
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<td>Farmers and farm managers 16</td>
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<td>Farm laborers and foremen 17</td>
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<td>NA; OCG non-interview 99</td>
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<tr>
<td>186-187</td>
<td>Group II Occupation, First Job OCS6X1</td>
<td>See OCS6X (184-185) 1-17</td>
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<td>NA; OCG non-interview 99</td>
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<td>188-189</td>
<td>Group II Occupation, Father OCS6F</td>
<td>See OCS6X (184-185) 1-17</td>
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<tr>
<td>190-191</td>
<td>Group II Occupation, Wife's Father OCS6WF</td>
<td>See OCS6X (184-185) 1-17</td>
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<td>192-193</td>
<td>Group II Occupation, 1962 Occupation OCS6X2</td>
<td>See OCS6X (184-185) 1-17</td>
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<td>Working in 1962 WRK62</td>
<td>Yes 1</td>
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<td>No 2</td>
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<td></td>
<td>NA 9</td>
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<td>1962 or 1973 Report Class of Worker, March 1962 CWR6X2</td>
<td>Private business 1</td>
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<td>Government employee 2</td>
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<td>Without pay 4</td>
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<td>NA; OCG non-interview 9</td>
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<td>202-203</td>
<td>SEI Score, 1962 or 1973 Report of 1962 Occupation SEI6X2</td>
<td>(1950-basis, Duncan) 00-96 NA; OCG non-interview 99 See Appendix H</td>
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<td>Siegel Prestige Score, 1962 or 1973 Report of 1962 Occupation SGL6X2</td>
<td>NA 000-820 999 See Appendix I</td>
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<td>Veteran Status VETWW2</td>
<td>WWII vet 1 Not WW II vet 2</td>
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<td>208</td>
<td>Marital Status MARSTA</td>
<td>Married, spouse present 1 Married, spouse absent - AF 2 MSA - other 3 Widowed 4 Divorced 5 MSA - separated 6 Never married (single) 7</td>
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<td>Now Married MARNOW</td>
<td>Yes 1 No 2 NA; OCG non-interview 9</td>
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<td>210</td>
<td>Married More Than Once MARGT1</td>
<td>No 1 Yes 2 NA; never married; OCG non-interview 9</td>
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<td>211-212</td>
<td>Age at First Marriage AGE1XM</td>
<td>Age &lt; 14 13 Age in single years 14-44 45+ years 45 NA; OCG non-interview 99</td>
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<td>Marital Status - CPS Report MARMAR</td>
<td>Married, spouse present 1 Married, spouse absent; include separated 2 Widowed or divorced 3 Single 4</td>
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<td>Female 2</td>
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<td>55-59 7</td>
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<td>60-64 8</td>
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<td>Other 3</td>
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<td>222-224</td>
<td>Father's Occupation</td>
<td>1960 U.S. census code 000-994</td>
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<td>OCD6WF</td>
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| 225-227  | Father's Industry IND6WF     | 1960 U.S. census code 000-936  
| 228      | Father's Class of Worker CWR6WF | Private 1  
|          |                               | Government 2  
|          |                               | Self-employed 3  
|          |                               | Not paid, family 4  
|          |                               | business or farm 4  
|          |                               | NA; OCG non-interview; blank: no spouse present 9  
| 229-230  | Father's SEI Score SEI6WF     | (1950-basis, Duncan) 00-96  
|          |                               | NA; OCG non-interview; no spouse present 99  
|          |                               | See Appendix H  
| 231-233  | Siegel Prestige Score - Wife's Father's Occupation SGL6WF | NA; no spouse present 999  
|          |                               | See Appendix I  
| 234-235  | Total Siblings SIBW           | None to 8 siblings 00-08  
|          |                               | 9 or more siblings 09  
|          |                               | NA; including OCG non-interview; no no spouse present 99  
| 236-237  | Number of Sisters SISW        | None to 8 sisters 00-08  
|          |                               | 9 or more sisters 09  
|          |                               | NA; OCG non-interview 99  
|          |                               | no spouse present  
| 238-239  | Number of Brothers BROW       | None to 8 brothers 00-08  
|          |                               | 9 or more brothers 09  
|          |                               | NA; OCG non-interview; no spouse present 99  
| 240      | Living With Father at Age 16 LIVFW | Yes 1  
|          |                               | No 2  
|          |                               | NA; OCG non-interview; no spouse present 9  
| 241      | Nonfarm Background FRMORW     | Nonfarm 0  
|          |                               | Farm 1  
|          |                               | NA; OCG non-interview; no spouse present 9  

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<table>
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<td>Educational Attainment Recode</td>
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<td>College, 5+ 8</td>
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<td>Hours Worked Last Week</td>
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<td>Occupation of Longest Job OCL6WL</td>
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<td>Industry of Longest Job INI6WL</td>
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Appendix A

U. S. STATE CODE

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Appendix B

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Appendix C

FOREIGN COUNTRY CODE

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192 Abyssinia (Ethiopia)
147 Aden (Colony, Protectorate and Settlement)
154 Afghanistan
192 Africa (not specified)
140 Albania
160 Alberta
190 Algeria (Including Southern Territory)
190 Alhucemas
121 Alsace
121 Alsace Lorraine
103 American Samoa
122 American Zone (Germany)
118 Amsterdam
141 Andorra
*190 Anglo-Egyptian Sudan (192)
192 Angola
171 Anguilla
154 Annam
192 Annobon
171 Antigua
174 Antilles
113 Antrim
147 Arab Palestine
147 Arabia
184 Argentina
113 Armagh
157 Armenia
174 Aruba
194 Ascension Island
154 Asia (not specified)
142 Asia Minor
195 Australia
125 Austria
101 Austria-Hungary
157 Azerbaijan
193 Azores Islands

122 Baden
*174 Bahamas (194)
148 Bahawalpur
147 Bahrein

*Denotes inconsistencies unresolved in detailed coding
C.3

194 Cape Verde Islands
171 Caribbean Federation
125 Carinthia
114 Carlow
127 Carniola
197 Caroline Islands
124 Carpathian Ruthenia
114 Cavan
171 Cayman Islands
154 Celebes Islands
192 Central Africa
192 Central African Republic
185 Central America
141 Central Europe
190 Ceuta
154 Ceylon
192 Chad
190 Chafarinas
110 Channel Islands
183 Chile
150 China
152 Chosen (Korea)
154 Christmas Island (Indian Ocean)
198 Christmas Island (Pacific Ocean)
114 Clare
154 Cochinchina
154 Cocos (Keeling) Islands
175 Colombia
192 Comoro Islands
192 Congo
198 Cook Islands
192 Corisco
114 Cork
121 Corsica
167 Costa Rica
199 Country Not Specified
134 Crete
156 Crimea
127 Croatia
169 Cuba
174 Curacao
147 Cyprus
124 Czechoslovakia

192 Dahomey
192 Dakar and Dependencies
127 Dalmatia
141 Danzig (Free City of)
117 Denmark
132 Dobrudja
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118 Dutch
118 Holland
118 Netherlands

119 Belgium (Belgian)

120 Switzerland (Swiss)

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121 Alsace Lorraine
121 Corsica
121 France (French)
121 Lorraine

122 American Zone (Germany)
122 Baden
122 Bavaria
122 Berlin (East or West Zone)
122 Brandenburg
122 Bremen
122 British Zone (Germany)
122 East Germany
*122 East Prussia
122 Federal Republic of Germany
122 French Zone (Germany)
122 German Democratic Republic
122 Germany (German)
122 Hamburg
122 Hanover
122 Hesse
122 Lower Saxony
122 Lubeck
122 Mecklenburg
122 North Rhine-Westphalia
122 Oldenburg
122 Pfalz
*122 Pommern (Pomerania)
122 Prussia

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132 Dobrudja
132 Northern Dobruja
132 Rumania(n)
132 Southern Bukovina
132 Transylvania(n)
132 Wallachia
133 Bulgaria(n)
133 Eastern Rumelia
133 Southern Dobrudja
134 Crete
134 Cyclades Islands
134 Dodecanese Islands
134 Greece (Greek)
135 Italy (Italian)
135 Sardinia
135 Sicily (Sicilian)
135 Trieste
136 Balearic Islands
136 Majorca
136 Spain (Spanish)
137 Portugal (Portuguese)
138 Iceland(ic)
Luxembourg
Albania(n)
Andorra
Balkans
Central Europe
Danzig (Free city of)
Eastern Europe
Europe (not specified)
Gibraltar
Liechtenstein
Malta and Gozo
Monaco
San Marino
Southern Europe
Vatican City
Western Europe
Asia Minor
Hatay
Turkey (in Europe and in Asia) (Turkish)
Jebel Druse
Latakia
Syria(n)
Lebanon (Lebanese)
Israel(i)
Jewish state
Palestine (Palestinian)
Egypt
United Arab Republic (UAR)
Aden (Colony, protectorate and settlement)
Arab Palestine
Arabia(n)
Bahrein
Cyprus
Eastern Aden Protectorate
Gaza Strip
Iran
Iraq
Jordan
Kuria Muria Islands
Kuwait
Mesopotamia
Muscat and Oman
Oman
Perim Islands
Persia (Iran)
Persian Gulf States
Qatar
Saudi Arabia(n)
Transjordan
Trucial Oman
Trucial States
Western Aden Protectorate
Yemen

Bahawalpur
Baluchistan
Bengal
East Bengal
East Pakistan
Khairpur
Northwest Frontier Province
Pakistan
Punjab
Sind
West Pakistan
West Punjab

East Punjab
French India
Goa
Hyderabad
India(n)
Junagadh
Kashmir (and Jammu)
Kurwai (India)
Portugeuse India
Sikkim
West Bengal
China (Chinese)
Formosa (Taiwan)
Inner Mongolia
Jehol
Manchuria
People's Republic of China
Red China
Sinkiang
Taiwan (Formosa)
Tibet

Japan (ese)
Northern Ryukyus
Ryukyu Islands
Southern Ryukyus

Chosen (Korea)
Korea (n)
North Korea
South Korea

Philippines (Filipino)

Afghanistan
Annam
Asia (not specified)
Bali
Bangka and Billiton
Bhutan
Borneo (Indonesia)
British Borneo
Brunei
Burma
Cambodia
Celebes Islands
Ceylon
Christmas Island (Indian Ocean)
Cochin-China
Cocos (Keeling) Islands
Dutch East Indies
Eastern Archipelago
Federation of Malaya
Goa
Hong Kong
Indo-China (Viet-Nam)
Indonesia
Jammu and Kashmir
Java
Kalimantan (Borneo)
Kashmir
Labuan (British Borneo)
Laos
Macau
Madura
Malaya (Federation of)
Maldives Islands
Molucca Islands
Mongolia
Mongolian People's Republic
Nepal
North Viet-Nam
Northern Borneo
Outer Mongolia
Portuguese India
Portuguese Timor
Riouw Islands
Sarawak
Siam (Thailand)
Singapore
South Viet-Nam
Sumatra
Thailand (Siam)
Tonkin
Viet-Nam
Byelorussian S. S. R.
White Russia

Crimea
Northern Bukovina
Ruthenia
Ukrainian S. S. R. (Ukraine)

Armenia(n)
Azerbaijan
Bessarabia
Georgia (USSR)
Karelia
Kurile Islands (excepting Habomai Islands and Shikotan)
Moldavia
Russia(n)
Sakhalin Islands
Siberia(n)
Soviet Central Asia
Soviet Union
Transcaucasia
Turkestan
Union of Soviet Socialist Republics
U.S.S.R.

Alberta
British Columbia
Canada (Canadian)
Franklin Territory
French Canadian
Keewatin Territory
Labrador
Mackenzie Territory
Manitoba
New Brunswick
Newfoundland
Nova Scotia
Ontario
Quebec
Saskatchewan
Yukon

Chicano
Mexico (Mexican)

Guatemala

British Honduras (Belize)

Honduras

Nicaragua (n)

El Salvador

Costa Rica

Panama

Cuba (n)
Jamaica(n)

Anguilla
Antigua
Barbados
British Caribbean Federation
British Virgin Islands
British West Indies
Caicos Islands
Caribbean Federation
Cayman Islands
Dominica
Grenada
Leeward Islands
Montserrat
St. Christopher (St. Kitts) and Nevis
St. Kitts (St. Christopher and Nevis)
St. Lucia
St. Vincent
The West Indies
Tobago
Trinidad and Tobago
Turks and Caicos Islands
Windward Islands
Virgin Islands (U.K.)

Dominican Republic

Haiti(an)

Antilles
Aruba
Bahamas
Barbados
Bonaire
British Virgin Islands
Curacao
Guadeloupe and Dependencies
Leeward Islands
Martinique
Netherlands Antilles
Netherlands West Indies
Saba
St. Eustatius
St. Martin
Virgin Islands (U.K.)
West Indies
Windward
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French Morocco
Ifni
Libya(n)
Melilla
Moroccan Protectorate
Morocco
Penon De Velez (De La Gomera)
Rio De Oro and Saguia El Hamra
Saguia El Hamra
Spanish Morocco
Spanish Sahara
Spanish West Africa
Sudan (Anglo-Egyptian or Eastern)
Tangier
Tunisia

Cape of Good Hope
Natal
Orange Free State
Republic of South Africa
Rhodesian Federation
South Africa
Transvaal
Union of South Africa

Abyssina (Ethiopia)
Anglo-Egyptian Sudan
Africa (not specified)
Angola
Annobon
Basutoland
Bechuanaland
Belgian Congo
Botswana
British Cameroons
British Somaliland
British Togoland (Ghana)
Burundi
Cabinda
Cameroons (British Administration)
Cameroons (French Administration)
Central Africa
Central African Republic
Chad
Comoro Islands
Congo (Brazzaville or Kinshasa)
Corisco
Dahomey
Dakar and Dependencies
Elobeys
Equitoreal Guinea
Eritrea
Ethiopia (Abyssinia)
Federation of the Rhodesias
Fernando Po
French Equitorial Africa
French Guinea
French Somaliland
French Sudan
French Territory of Afars and Issas
French Togoland
French West Africa
Gabon
Gambia
Ghana
Gold Coast (Ghana)
Guinea
High Commission Territories
Ivory Coast
Kenya
Lesotho
Liberia
Madagascar (and Comore Islands)
Malagache Republic (Madagascar)
Malawi
Mali
Manica and Sofala
Mauritania
Mauritius and Dependencies
Middle Congo
Mozambique
Niger
Nigeria
Northern Rhodesia
Nyasaland
Portuguese Africa
Portuguese Guinea
Reunion
Rhodesian Federation
Rio Muni
Ruanda-Urundi
Rwanda
Sao Tome and Principe
Senegal
Seychelles
Sierra Leone
Somalia (British, French, or Italian Administration)
Somaliland
Soudan (Western or French)
Somalia (British, French, or Italian Administration)
Southern Rhodesia
Southwest Africa
Spanish Guinea
Sudan (Anglo-Egyptian or Eastern)
Swaziland
Tanganyika
Tanzania
Togo
Togoland (British Administration)
Togoland (French Administration)
Ubangi Shari
Uganda
Upper Volta
Volta
Zambia
Zanzibar and Pemba

Azores Islands

Ascension Island
Bahamas
Bermuda
Canary Islands
Cape Verde Islands
Faeroes
Falkland Islands and Dependencies
Greenland
Madeira Islands
Miquelon (and St. Pierre) Islands
St. Helena
St. Pierre and Miquelon
The Faeroes Islands
Tristan De Cunha and Gough

Australia(n)
New South Wales
Northern Territory
Queensland
South Australia
Tasmania
Victoria (Australia)
Western Australia
New Zealand

Caroline Islands
Marianas Islands
Marshall Islands
Northern Marianas Islands
Okinawa
Pacific Islands
Saipan

British Solomon Islands
Campbell Islands
Christmas Island (Pacific Ocean)
Cook Islands
Fiji Islands
French Oceania (French Polynesia)
Gilbert and Ellice Islands
Kermadec Island
Nauru
Netherlands New Guinea
New Caledonia and Dependencies
New Guinea
New Hebrides (British and French)
Niue
Norfolk Islands
Pacific High Commission Territories
Papua (New Guinea)
Phoenix Islands
Samoa (excepting American Samoa)
Solomon Islands
Tokelau Islands
Tonga
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72
German Democratic Republic
Germany (German)
Hamburg
Hanover
Hessen
Lower Saxony
Lubeck
Mecklenburg
North Rhine-Westphalia
Oldenburg
Pfalz
Prussia (Prussian)
Rhineland Palatinate
Russian Zone (Germany)
Saar
Sachsen (Saxony)
Schleswig-Holstein
United States Zone (Germany)
USSR Zone (Germany)
West Germany
Westfalen
Westphalia
Wurttemberg
East Prussia
Galicia
Masuria
Poland (Polish)
Pommern (Pomerania)
Silesia
Bohemia
Carpathian Ruthenia
Czechoslovakia (Czechoslovakian)
Moravia (Moravian)
Slovakia
Sudentenland
Austria (Austrian)
Carinthia
Hungary (Hungarian)
Bosnia
Carniola
Croatia (Croatian)
Dalmatia
Herzegowina
Macedonia (Macedonian)
Montenegro
Serbia (Serbo-Croatian)
Slavonia
Slovenia
Venezia Giulia
Yugoslavia (Yugoslavian)
Zara
128 Latvia (Latvian)
129 Estonia (Estonian)
130 Latvia (Lithuanian)
131 Finland (Finnish)
131 Lapland
132 Bukovina
132 Dobruja
132 Northern Dobruja
132 Romania (Romanian)
132 Southern Bukovina
132 Transylvania (Transylvanian)
132 Wallachia
133 Bulgaria (Bulgarian)
133 Eastern Rumelia
133 Southern Dobruja
134 Crete
134 Cyclades Islands
134 Dodecanese Islands
134 Greece (Greek)
135 Italy (Italian)
135 Sardinia
135 Sicily (Sicilian)
135 Triests
136 Balearic Islands
136 Majorca
136 Spain (Spanish)
137 Portugal (Portuguese)
137 Iceland (Icelandic)
139 Luxembourg
140 Albania (Albanian)
141 Andorra
141 Balkans
141 Central Europe
141 Danzig (Free City of)
141 Eastern Europe
141 Europe (European) Not Specified
141 Gibraltar
141 Gozo
141 Liechtenstein
141 Monaco
141 San Marino
141 Southern Europe
141 Vatican City
141 Western Europe

74
Asia Minor
Hatay
Turkey (in Europe and Asia) - Turkish
Jebel Druse
Latakia
Syria (Syrian)
Lebanon (Lebanese)
Israel (Israeli)
Jewish State (If Just Jewish Consider Uncodable)
Palestine (Palestinian)
Egypt (Egyptian)
United Arab Republic (UAR)
Aden (Colony, Protectorate, Settlement)
Arabia (Arabian)
Bahrain
Eastern Aden Protectorate
Gaza Strip
Iraq
Kuria Muria Islands
Kuwait
Mesopotamia
Muscat and Oman
Oman
Perim Island
Persian (Gulf States)
Qatar
Saudi Arabia (n)
Southern Yemen
Trucian Oman
Trucial States
Western Aden Protectorate
Yemen
Bahawalpur
Baluchistan
Bengal
East Bengal
East Pakistan
Khairpur
Northwest Frontier Province
Pakistan
Punjab
Sind
West Pakistan
West Punjab
East Punjab
French India
Goa
Hyderabad
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Kashmir (and Jammu)
Laos (Laotian)
Labuan (British Borneo)
Macao
Madura
Malaysia (Fed. of)
Maldive Islands
Molucca Islands
Mongolia
Mongolian Peoples Republic
Nepal
North Borneo
Outer Mongolia
Portuguese Timor
Riau Islands
Sarawak
Siam (Thailand)
Singapore
Sumatra
Thailand (Siam)
Tonkin
Belorussia
Belorussian SSR
White Russia
Crimea
Northern Bukovina
Ruthenia
Ukrainian SSR (Ukraine)
Armenia (Armenian)
Azerbaijan
Bessarabia
Georgia (USSR)
Karelia
Kurile Islands (Except Habomai Islands and Shikotan)
Moldavia
Russia (Russian)
Sakhalin Islands
Siberia (Siberian)
Soviet Central Asia
Soviet Union
Transcaucasia
Turkestan
Union of Soviet Socialist Republics (USSR)
USSR
Arab Palestine
Jordan (Jordanian) Hashemite Kingdom
Transjordan
159 Iran (Iranian)
159 Persia (Persian)
160 Alberta
160 British Columbia
160 Canada (Canadian)
160 Franklin Territory
160 Keewatin Territory
160 Labrador
160 Mackenzie Territory
160 Manitoba
160 New Brunswick
160 New Foundland
160 Nova Scotia
160 Ontario
160 Quebec
160 Saskatchewan
160 Yukon Territory
161 Chicano
161 Mexico (Mexican)
162 Guatemala
163 British Honduras (Belize)
164 Honduras
165 Nicaragua (Nicaraguan)
166 El Salvador
167 Costa Rica
168 Panama
169 Cuba (Cuban)
170 Jamaica (Jamaican)
171 Anguilla
171 Antigua
171 British Virgin Islands
171 British West Indies
171 Caicos Islands
171 Cayman Islands
171 Dominica
171 Grenada
171 Montserrat
171 St. Christopher-Nevis (and Anguilla)
171 St. Kitts-Nevis (and Anguilla)
171 St. Lucia
171 St. Vincent
171 Turks and Caicos Islands
171 Virgin Islands (U.K.)

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Dominican Republic
Haiti (Haitian)
Antilles
Aruba
Barbados
Bonaire
Curacao
Guadeloupe and Dependencies
Leeward Islands
Martinique
Netherlands Antilles
Netherlands West Indies
Saba
St. Eustatius
St. Martin
The West Indies
West Indies
Windward Islands
Tobago
Trinidad and Tobago
Venezuela (Venezuelian)
Ecuador
Galapagos Islands
Peru
Bolivia (Bolivian)
Brazil (Brazilian)
Paraguay
Uruguay
Chile
Argentina
British Guiana
Central America
Dutch Guiana (Surinam)
French Guiana
Guiana (British, French or Netherlands)
Guyana
Inini
Latin America
Netherlands Guiana (Surinam)
South America (n) - Not Specified
Surinam (Netherlands Guiana)
Colombia (Columbian)
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Portuguese Guinea
Rico Muni
Soatome and Principe
Senegal
Sierra Leone
Somalia
Somaliland
Soudan (Western or French)
Spanish Guinea (Equatorial Guinea)
Sudan (Anglo-Egyptian or Eastern)
Togo
Togoland
Ubangi Shari
Upper Volta
Volta
Cape of Good Hope
Natal
Orange Free State
Republic of South Africa
South Africa
Transvaal
Union of South Africa
Angola
Basutoland (Lesotho)
Bechuanaland (Botswana)
Belgian Congo (Congo Kinshasa)
Botswana
Burundi
Cabinda
Congo (Brazzaville)
Congo (Kinshasa)
Federation of the Rhodesias
French Equatorial Africa
Gabon
Kenya (Kenyan)
Lesotho
Malawi
Manica and Sofala
Middle Congo
Northern Rhodesia
Nyasaland
Portuguese Africa
Rhodesian Federation
Rwanda
Southern Rhodesia
Southwest Africa
Swaziland
Tanganyika
Tanzania
Uganda
Zambia
Zanzibar and Pemba
Africa (African) (Not Specified)
Comoro Islands
High Commission Territories
Madagascar and Comoro Islands
Malagasy Republic (Madagascar)
Mauritius and Dependencies
Mozambique
Reunion
Seychelles
North Viet-Nam
South Viet-Nam
Viet-Nam
Azores Islands
Ascension Island
Bahamas
Bermuda
Canary Islands
Cape Verde Islands
Faeroe Islands
Falkland Islands and Dependencies
Greenland
Madeira Islands
Miquelon (and St. Pierre) Islands
St. Helena
St. Pierre and Miquelon
The Faeroe Islands
Tristan De Cunha and Gough
Australia (Australian)
New South Wales
Northern Territory
Queensland
South Australia
Tasmania
Victoria
Western Australia
New Zealand
Caroline Islands
Marianas Islands
Marshall Islands
Northern Marianas Islands
Pacific Islands (U.S.)
Saipan
British Solomon Islands
Campbell Islands
Christmas Island (Pacific Ocean)
Cook Islands
Fiji Islands
French Oceania (French Polynesia)
198 Gilbert and Ellice Islands
198 Kermadec Island
198 Mauu
198 Netherlands New Guinea
198 New Caledonia and Dependencies
198 New Guinea
198 New Hebrides (British and French)
198 Niue
198 Norfolk Islands
198 Pacific High Commission Territories (Pacific Islands)
198 Papua (New Guinea)
198 Phoenix Islands
198 Samoa (Except American Samoa)
198 Solomon Islands
198 Tokelau Islands (Tokelau Islands)
198 Tonga
198 Western Samoa
199 Country Not Specified
200 Canton and Enderbury Islands
201 Johnston Atoll
202 Line Islands (Southern)
203 Swan Islands
204 American
205 American Indian
206 French Canadian
207 Black
207 Negro
208 Pennsylvania Dutch
209 Scot-Irish
210 Cyprus (Cypriot)
211 Malta (Maltese)
212 Carribean

83
## 1960 CENSUS OF POPULATION--OCCUPATIONAL CLASSIFICATION

### List B

(“N.e.c.” means not elsewhere classified)

<table>
<thead>
<tr>
<th>Occupation Code</th>
<th>PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS</th>
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<th>PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS—Continued</th>
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<td>Geologists and geophysicists</td>
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<tr>
<td>010</td>
<td>Actors and actresses</td>
<td>135</td>
<td>Mathematicians</td>
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<td>Airplane pilots and navigators</td>
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<td>Physicists</td>
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<td>Architects</td>
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<td>Athletes</td>
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<td></td>
<td>College presidents and deans</td>
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<td>163</td>
<td>Public relations men &amp; publicity writers</td>
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<td>Biological sciences</td>
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<td>Recreation and group workers</td>
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<td>188</td>
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<td>Therapists and healers, n.e.c.</td>
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<td>Veterinarians</td>
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<td>192</td>
<td>Professional, technical, and kindred workers, n.e.c.</td>
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<td>Aeronautical</td>
<td>193</td>
<td>FARMERS AND FARM MANAGERS</td>
</tr>
<tr>
<td>081</td>
<td>Chemical</td>
<td>194</td>
<td>Farmers (owners and tenants)</td>
</tr>
<tr>
<td>082</td>
<td>Civil</td>
<td>195</td>
<td>Farm managers</td>
</tr>
<tr>
<td>083</td>
<td>Electrical</td>
<td>200</td>
<td>MANAGERS, OFFICIALS, AND PROPRIETORS, EXCEPT FARM</td>
</tr>
<tr>
<td>084</td>
<td>Industrial</td>
<td>222</td>
<td>Buyers and department heads, store</td>
</tr>
<tr>
<td>085</td>
<td>Mechanical</td>
<td></td>
<td>Buyers and shippers, farm products</td>
</tr>
<tr>
<td>090</td>
<td>Metallurgical and metallurgists</td>
<td></td>
<td>Conductors, railroad</td>
</tr>
<tr>
<td>091</td>
<td>Mining</td>
<td></td>
<td>Credit men</td>
</tr>
<tr>
<td>092</td>
<td>Sales</td>
<td></td>
<td>Floor men and floor managers, store</td>
</tr>
<tr>
<td>093</td>
<td>Engineers, n.e.c.</td>
<td></td>
<td>Inspectors, public administration</td>
</tr>
<tr>
<td>101</td>
<td>Entertainers, n.e.c.</td>
<td>250</td>
<td>Managers and superintendents, building</td>
</tr>
<tr>
<td>102</td>
<td>Farm and home management advisers</td>
<td>251</td>
<td>Officers, pilots, pursers, and engineers, ship</td>
</tr>
<tr>
<td>103</td>
<td>Foresters and conservationists</td>
<td>252</td>
<td>Officials and administrators, n.e.c., public administration</td>
</tr>
<tr>
<td>104</td>
<td>Funeral directors and embalmers</td>
<td>253</td>
<td></td>
</tr>
<tr>
<td>105</td>
<td>Lawyers and judges</td>
<td>254</td>
<td></td>
</tr>
<tr>
<td>111</td>
<td>Librarians</td>
<td>255</td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>Musicians and music teachers</td>
<td>256</td>
<td></td>
</tr>
<tr>
<td>130</td>
<td>Natural scientists, n.e.c.</td>
<td>257</td>
<td></td>
</tr>
<tr>
<td>131</td>
<td>Biological scientists</td>
<td>258</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>275</td>
<td>Officials, lodge, society, union, etc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>280</td>
<td>Postmasters</td>
<td></td>
<td></td>
</tr>
<tr>
<td>285</td>
<td>Purchasing agents and buyers, n.e.c.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>290</td>
<td>Managers, officials, &amp; proprietors, n.e.c.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Clerical and Kindred Workers**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>301</td>
<td>Agents, n.e.c.</td>
</tr>
<tr>
<td>302</td>
<td>Attendants and assistants, library</td>
</tr>
<tr>
<td>303</td>
<td>Attendants, physician's and dentist's office</td>
</tr>
<tr>
<td>304</td>
<td>Baggageemen, transportation</td>
</tr>
<tr>
<td>305</td>
<td>Bank tellers</td>
</tr>
<tr>
<td>310</td>
<td>Bookkeepers</td>
</tr>
<tr>
<td>312</td>
<td>Cashiers</td>
</tr>
<tr>
<td>313</td>
<td>Collectors, bill and account</td>
</tr>
<tr>
<td>314</td>
<td>Dispatchers and starters, vehicle</td>
</tr>
<tr>
<td>315</td>
<td>Express messengers and railway mail clerks</td>
</tr>
<tr>
<td>320</td>
<td>File clerks</td>
</tr>
<tr>
<td>321</td>
<td>Insurance adjusters, examiners, and investigators</td>
</tr>
<tr>
<td>323</td>
<td>Mail carriers</td>
</tr>
<tr>
<td>324</td>
<td>Messengers and office boys</td>
</tr>
<tr>
<td>325</td>
<td>Office machine operators</td>
</tr>
<tr>
<td>326</td>
<td>Payroll and timekeeping clerks</td>
</tr>
<tr>
<td>330</td>
<td>Postal clerks</td>
</tr>
<tr>
<td>331</td>
<td>Receptionists</td>
</tr>
<tr>
<td>342</td>
<td>Secretaries</td>
</tr>
<tr>
<td>343</td>
<td>Shipping and receiving clerks</td>
</tr>
<tr>
<td>345</td>
<td>Stenographers</td>
</tr>
<tr>
<td>350</td>
<td>Stock clerks and storekeepers</td>
</tr>
<tr>
<td>351</td>
<td>Telegraph messengers</td>
</tr>
<tr>
<td>352</td>
<td>Telegraph operators</td>
</tr>
<tr>
<td>353</td>
<td>Telephone operators</td>
</tr>
<tr>
<td>354</td>
<td>Ticket, station, and express agents</td>
</tr>
<tr>
<td>360</td>
<td>Typists</td>
</tr>
<tr>
<td>370</td>
<td>Clerical and kindred workers, n.e.c.</td>
</tr>
</tbody>
</table>

**Sales Workers**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>380</td>
<td>Advertising agents and salesmen</td>
</tr>
<tr>
<td>381</td>
<td>Auctioneers</td>
</tr>
<tr>
<td>382</td>
<td>Demonstrators</td>
</tr>
<tr>
<td>383</td>
<td>Hucksters and peddlers</td>
</tr>
<tr>
<td>385</td>
<td>Insurance agents, brokers, and underwriters</td>
</tr>
<tr>
<td>390</td>
<td>Newsboys</td>
</tr>
<tr>
<td>393</td>
<td>Real estate agents and brokers</td>
</tr>
<tr>
<td>394</td>
<td>Salesmen and sales clerks, n.e.c.</td>
</tr>
<tr>
<td>395</td>
<td>Stock and bond salesmen</td>
</tr>
</tbody>
</table>

**Craftsmen, Foremen, and Kindred Workers**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>401</td>
<td>Bakers</td>
</tr>
<tr>
<td>402</td>
<td>Blacksmiths</td>
</tr>
<tr>
<td>403</td>
<td>Boilermakers</td>
</tr>
<tr>
<td>404</td>
<td>Bookbinders</td>
</tr>
<tr>
<td>405</td>
<td>Brickmasons, stonemasons, and tile setters</td>
</tr>
<tr>
<td>410</td>
<td>Cabinetmakers</td>
</tr>
<tr>
<td>411</td>
<td>Carpenters</td>
</tr>
<tr>
<td>413</td>
<td>Cement and concrete finishers</td>
</tr>
<tr>
<td>414</td>
<td>Compositors and typesetters</td>
</tr>
<tr>
<td>415</td>
<td>Crane men, derrick men, and hoistmen</td>
</tr>
<tr>
<td>420</td>
<td>Decorators and window dressers</td>
</tr>
<tr>
<td>421</td>
<td>Electricians</td>
</tr>
<tr>
<td>423</td>
<td>Electrotypers and stereotypers</td>
</tr>
<tr>
<td>424</td>
<td>Engravers, except photoengravers</td>
</tr>
<tr>
<td>425</td>
<td>Excavating, grading, and machinery operators</td>
</tr>
</tbody>
</table>

**Craftsmen, Foremen, and Kindred Workers—Continued**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>430</td>
<td>Foremen, n.e.c.</td>
</tr>
<tr>
<td>431</td>
<td>Forgemen and hammermen</td>
</tr>
<tr>
<td>432</td>
<td>Furriers</td>
</tr>
<tr>
<td>434</td>
<td>Glaziers</td>
</tr>
<tr>
<td>435</td>
<td>Heat treaters, annealers, and temperers</td>
</tr>
<tr>
<td>444</td>
<td>Inspectors, scales, and graders, log and lumber</td>
</tr>
<tr>
<td>450</td>
<td>Inspectors, n.e.c.</td>
</tr>
<tr>
<td>451</td>
<td>Jewelers, watchmakers, goldsmiths, and silversmiths</td>
</tr>
<tr>
<td>452</td>
<td>Job setters, metal</td>
</tr>
<tr>
<td>453</td>
<td>Linemen and servicemen, telegraph, telephone, and power</td>
</tr>
<tr>
<td>454</td>
<td>Locomotive engineers</td>
</tr>
<tr>
<td>460</td>
<td>Locomotive firemen</td>
</tr>
<tr>
<td>461</td>
<td>Loom fixers</td>
</tr>
<tr>
<td>465</td>
<td>Machinists</td>
</tr>
<tr>
<td>470</td>
<td>Mechanics and repairmen, air conditioning, heating, and refrigeration</td>
</tr>
<tr>
<td>471</td>
<td>Mechanics and repairmen, airplane</td>
</tr>
<tr>
<td>472</td>
<td>Mechanics and repairmen, automobile</td>
</tr>
<tr>
<td>473</td>
<td>Mechanics and repairmen, office machine</td>
</tr>
<tr>
<td>474</td>
<td>Mechanics and repairmen, radio and television</td>
</tr>
<tr>
<td>475</td>
<td>Mechanics and repairmen, railroad and car shop</td>
</tr>
<tr>
<td>476</td>
<td>Mechanics and repairmen, railroad and car shop</td>
</tr>
<tr>
<td>480</td>
<td>Mechanics and repairmen, railroad and car shop</td>
</tr>
<tr>
<td>490</td>
<td>Millers, grain, flour, feed, etc.</td>
</tr>
<tr>
<td>491</td>
<td>Millwrights</td>
</tr>
<tr>
<td>492</td>
<td>Molders, metal</td>
</tr>
<tr>
<td>493</td>
<td>Motion picture projectionists</td>
</tr>
<tr>
<td>494</td>
<td>Opticians, and lens grinders and polishers</td>
</tr>
<tr>
<td>495</td>
<td>Painters, construction and maintenance</td>
</tr>
<tr>
<td>501</td>
<td>Paperhangers</td>
</tr>
<tr>
<td>502</td>
<td>Pattern and model makers, except paper</td>
</tr>
<tr>
<td>503</td>
<td>Photoengravers and lithographers</td>
</tr>
<tr>
<td>504</td>
<td>Piano and organ tuners and repairmen</td>
</tr>
<tr>
<td>505</td>
<td>Plasterers</td>
</tr>
<tr>
<td>510</td>
<td>Plumbers and pipe fitters</td>
</tr>
<tr>
<td>512</td>
<td>Pressmen and plate printers, printing</td>
</tr>
<tr>
<td>513</td>
<td>Rollers and roll hands, metal</td>
</tr>
<tr>
<td>514</td>
<td>Roofers and slaters</td>
</tr>
<tr>
<td>515</td>
<td>Shoemakers and repairers, except factory</td>
</tr>
<tr>
<td>520</td>
<td>Stationary engineers</td>
</tr>
<tr>
<td>521</td>
<td>Stone cutters and stone carvers</td>
</tr>
<tr>
<td>523</td>
<td>Structural metal workers</td>
</tr>
<tr>
<td>524</td>
<td>Tailors and tailoresses</td>
</tr>
<tr>
<td>525</td>
<td>Tin smiths, coppersmiths, and sheet metal workers</td>
</tr>
<tr>
<td>530</td>
<td>Toolmakers, and die makers and setters</td>
</tr>
<tr>
<td>535</td>
<td>Upholsterers</td>
</tr>
<tr>
<td>545</td>
<td>Craftsmen and kindred workers, n.e.c.</td>
</tr>
<tr>
<td>555</td>
<td>Members of the Armed Forces, and former members of the Armed Forces</td>
</tr>
</tbody>
</table>

**Operatives and Kindred Workers**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>601</td>
<td>Apprentice auto mechanics</td>
</tr>
<tr>
<td>602</td>
<td>Apprentice bricklayers and masons</td>
</tr>
<tr>
<td>603</td>
<td>Apprentice carpenters</td>
</tr>
<tr>
<td>604</td>
<td>Apprentice electricians</td>
</tr>
<tr>
<td>605</td>
<td>Apprentice machinists and toolmakers</td>
</tr>
<tr>
<td>610</td>
<td>Apprentice mechanics, except auto</td>
</tr>
<tr>
<td>612</td>
<td>Apprentice plumbers and pipe fitters</td>
</tr>
</tbody>
</table>

1 Mine laborers are included in the major group “Operatives and kindred workers.”
| Occu- | OPERATIVES AND KINDRED WORKERS\(^1\) —Continued |
|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|
| 613 | Apprentices, building trades, n.e.c. | 810 | Attendants, hospital and other institutions |
| 614 | Apprentices, metalworking trades, n.e.c. | 812 | Attendants, professional and personal service, n.e.c. |
| 615 | Apprentices, printing trades | 813 | Attendants, recreation and amusement |
| 620 | Apprentices, other specified trades | 814 | Barbers |
| 621 | Apprentices, trade not specified | 815 | Bartenders |
| 630 | Asbestos and insulation workers | 820 | Bootblacks |
| 631 | Assemblers | 821 | Boarding and lodging housekeepers |
| 632 | Attendants, auto service and parking | 822 | Chambermaids and maids, except private household |
| 634 | Blasters and powdermen | 824 | Charwomen and cleaners |
| 635 | Boatmen, canalmen, and lock keepers | 825 | Cooks, except private household |
| 640 | Brakemen, railroad | 830 | Counter and fountain workers |
| 641 | Bus drivers | 831 | Elevator operators |
| 642 | Chainmen, rodmen, and axmen, surveying | 832 | Housekeepers and stewards, except private household |
| 643 | Checkers, examiners, and inspectors, manufacturing | 834 | Janitors and sextons |
| 645 | Conductors, bus and street railway | 835 | Kitchen workers, n.e.c., except private household |
| 650 | Deliverymen and routemen | 840 | Midwives |
| 651 | Dressmakers and seamstresses, except factory | 841 | Porters |
| 652 | Dyers | 842 | Practical nurses |
| 653 | Fillers, grinders, and polishers, metal | 843 | Hairdressers and cosmetologists |
| 654 | Fruit, nut, and vegetable graders and packers, except factory | 850 | Protective service workers |
| 671 | Furnacemen, smeltermen, and pourers | 851 | Firemen, fire protection |
| 672 | Graders and sorters, manufacturing | 852 | Guards, watchmen, and doorkeepers |
| 673 | Heaters, metal | 853 | Marshals and constables |
| 674 | Knitters, loopers, and tappers, textile | 854 | Policemen and detectives |
| 675 | Laundry and dry cleaning operatives | 855 | Sheriffs and bailiffs |
| 680 | Meat cutters, except slaughter and packing house | 860 | Watchmen (crossing) and bridge tenders |
| 685 | Milliners | 874 | Ushers, recreation and amusement |
| 690 | Mine operatives and laborers, n.e.c. | 875 | Waiters and waitresses |
| 691 | Motormen, mine, factory, logging camp, etc. | 890 | Service workers, except private household, n.e.c. |
| 692 | Motormen, street, subway, and elevated railway | 895 | Foreign workers |
| 693 | Packers and wrappers, n.e.c. | 901 | Farm foremen |
| 694 | Painters, except construction and maintenance | 902 | Farm laborers, wage workers |
| 695 | Photographic process workers | 903 | Farm laborers, unpaid family workers |
| 701 | Power station operators | 905 | Farm service laborers, self-employed |
| 703 | Sailors and deckhands | 910 | Laborers, except farm and mining |
| 704 | Sawyer | 911 | Carpenter's helpers, except logging and mining |
| 705 | Sewers and stitchers, manufacturing | 912 | Fishermen and oystermen |
| 710 | Spinners, textile | 913 | Gardeners, except farm and groundskeepers |
| 712 | Stationary firemen | 914 | Longshoremen and stevedores |
| 713 | Switchmen, railroad | 915 | Lumbermen, raftsmen, and woodchoppers |
| 714 | Taxicab drivers and chauffeurs | 916 | Teamsters |
| 715 | Truck and tractor drivers | 972 | Truck drivers' helpers |
| 716 | Weavers, textile | 973 | Warehousemen, n.e.c. |
| 721 | Welders and flame-cutters | 985 | Laborers, n.e.c. |
| 775 | Operatives and kindred workers, n.e.c. | 995 | Occupation not reported |

1. Mine laborers are included in the major group "Operatives and kindred workers."
## 1960 CENSUS OF POPULATION--INDUSTRIAL CLASSIFICATION

**List D**

<table>
<thead>
<tr>
<th>Industry Code</th>
<th>AGRICULTURE, FORESTRY, AND FISHERIES</th>
<th>Industry Code</th>
<th>MANUFACTURING--Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>016</td>
<td>Agriculture</td>
<td>306</td>
<td>Nondurable goods</td>
</tr>
<tr>
<td>017</td>
<td>Forestry</td>
<td>307</td>
<td>Food and kindred products</td>
</tr>
<tr>
<td>018</td>
<td>Fisheries</td>
<td>308</td>
<td>Meat products</td>
</tr>
<tr>
<td></td>
<td><strong>MINING</strong></td>
<td></td>
<td>Dairy products</td>
</tr>
<tr>
<td>126</td>
<td>Metal mining</td>
<td>309</td>
<td>Canning and preserving</td>
</tr>
<tr>
<td>136</td>
<td>Coal mining</td>
<td>310</td>
<td>fruits, vegetables, and</td>
</tr>
<tr>
<td>146</td>
<td>Crude petroleum and natural gas</td>
<td>311</td>
<td>seafoods</td>
</tr>
<tr>
<td>156</td>
<td>mining and quarrying, except fuel</td>
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<td>Grain-mill products</td>
</tr>
<tr>
<td>196</td>
<td><strong>CONSTRUCTION</strong></td>
<td></td>
<td>Bakery products</td>
</tr>
<tr>
<td></td>
<td><strong>MANUFACTURING</strong></td>
<td></td>
<td>Confectionery and related</td>
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<td></td>
<td></td>
<td>products</td>
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<tr>
<td></td>
<td><strong>Durable goods</strong></td>
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<td>Beverage industries</td>
</tr>
<tr>
<td>206</td>
<td>Lumber and wood products, except</td>
<td>306</td>
<td>Miscellaneous food</td>
</tr>
<tr>
<td></td>
<td>furniture</td>
<td></td>
<td>preparations and kindred</td>
</tr>
<tr>
<td>207</td>
<td>Logging</td>
<td>307</td>
<td>products</td>
</tr>
<tr>
<td>208</td>
<td>Sawmills, planing mills, and</td>
<td>308</td>
<td>Tobacco manufactures</td>
</tr>
<tr>
<td></td>
<td>millwork</td>
<td></td>
<td>Textile mill products</td>
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<td>Miscellaneous wood products</td>
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<td>Knitting mills</td>
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<td>Furniture and fixtures</td>
<td>309</td>
<td>Dyeing and finishing</td>
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<td></td>
<td></td>
<td></td>
<td>textiles, except wool</td>
</tr>
<tr>
<td></td>
<td>Stone, clay, and glass products</td>
<td>310</td>
<td>and knit goods</td>
</tr>
<tr>
<td>216</td>
<td>Glass and glass products</td>
<td>311</td>
<td>Floor covering, except</td>
</tr>
<tr>
<td>217</td>
<td>Cement, and concrete, gypsum, and</td>
<td>312</td>
<td>hard surface</td>
</tr>
<tr>
<td></td>
<td>plaster products</td>
<td>313</td>
<td>Yarn, thread, and fabric</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>mills</td>
</tr>
<tr>
<td>218</td>
<td>Structural clay products</td>
<td>314</td>
<td>Miscellaneous textile</td>
</tr>
<tr>
<td>219</td>
<td>Pottery and related products</td>
<td>315</td>
<td>mill products</td>
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<tr>
<td>236</td>
<td>Miscellaneous nonmetallic mineral</td>
<td>316</td>
<td>Apparel and other</td>
</tr>
<tr>
<td></td>
<td>and stone products</td>
<td></td>
<td>fabricated textile</td>
</tr>
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<td><strong>Metal industries</strong></td>
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<td>products</td>
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<tr>
<td>237</td>
<td>Blast furnaces, steel works, rolling</td>
<td>317</td>
<td>Apparel and accessories</td>
</tr>
<tr>
<td></td>
<td>and finishing mills</td>
<td></td>
<td>Miscellaneous fabricated</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>textile products</td>
</tr>
<tr>
<td>238</td>
<td>Other primary iron and steel</td>
<td>318</td>
<td>Paper and allied products</td>
</tr>
<tr>
<td></td>
<td>industries</td>
<td></td>
<td>Pulp, paper, and</td>
</tr>
<tr>
<td>239</td>
<td>Primary nonferrous industries</td>
<td>319</td>
<td>paperboard mills</td>
</tr>
<tr>
<td>246</td>
<td>Cutlery, handtools, and other</td>
<td>320</td>
<td>Miscellaneous paper and</td>
</tr>
<tr>
<td></td>
<td>hardware</td>
<td></td>
<td>pulp products</td>
</tr>
<tr>
<td>247</td>
<td>Fabricated structural metal products</td>
<td>321</td>
<td>Printing, publishing, &amp;</td>
</tr>
<tr>
<td>248</td>
<td>Miscellaneous fabricated metal</td>
<td>322</td>
<td>allied industries</td>
</tr>
<tr>
<td>249</td>
<td>products</td>
<td></td>
<td>exc. newspapers</td>
</tr>
<tr>
<td></td>
<td>Not specified metal industries</td>
<td></td>
<td>Chemicals and allied</td>
</tr>
<tr>
<td></td>
<td>Machinery, except electrical</td>
<td>323</td>
<td>products</td>
</tr>
<tr>
<td>256</td>
<td>Farm machinery and equipment</td>
<td>324</td>
<td>Synthetic fibers</td>
</tr>
<tr>
<td>257</td>
<td>Office, computing and accounting</td>
<td>325</td>
<td>Drugs and medicines</td>
</tr>
<tr>
<td></td>
<td>machines</td>
<td>326</td>
<td>Paints, varnishes, &amp;</td>
</tr>
<tr>
<td>258</td>
<td>Miscellaneous machinery</td>
<td>327</td>
<td>related products</td>
</tr>
<tr>
<td>259</td>
<td>**Electrical machinery, equip. &amp;</td>
<td></td>
<td>Miscellaneous chemicals</td>
</tr>
<tr>
<td></td>
<td>supplies</td>
<td></td>
<td>and allied products</td>
</tr>
<tr>
<td>267</td>
<td>Transportation equipment</td>
<td>328</td>
<td>Petroleum and coal</td>
</tr>
<tr>
<td>268</td>
<td>Motor vehicles and motor vehicle</td>
<td>329</td>
<td>products</td>
</tr>
<tr>
<td></td>
<td>equipment</td>
<td></td>
<td>Petroleum refining</td>
</tr>
<tr>
<td>269</td>
<td>Aircraft and parts</td>
<td>330</td>
<td>Miscellaneous petroleum</td>
</tr>
<tr>
<td>276</td>
<td>Ship and boat building &amp; repairing</td>
<td>331</td>
<td>and coal products</td>
</tr>
<tr>
<td></td>
<td>Railroad and miscellaneous</td>
<td>332</td>
<td>Rubber products</td>
</tr>
<tr>
<td></td>
<td>transportation equipment</td>
<td></td>
<td>Miscellaneous plastic</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>products</td>
</tr>
<tr>
<td>286</td>
<td>Professional and photographic</td>
<td>333</td>
<td>Leather and leather</td>
</tr>
<tr>
<td></td>
<td>equip., and watches</td>
<td></td>
<td>products</td>
</tr>
<tr>
<td>287</td>
<td>Professional equipment and supplies</td>
<td>334</td>
<td>Leather: Tanned, curried,</td>
</tr>
<tr>
<td>289</td>
<td>Photographic equipment and supplies</td>
<td>335</td>
<td>and finished</td>
</tr>
<tr>
<td>296</td>
<td>Watches, clocks, and clockwork</td>
<td>336</td>
<td>Footwear, except rubber</td>
</tr>
<tr>
<td></td>
<td>operated devices</td>
<td></td>
<td>Leather products, except</td>
</tr>
<tr>
<td></td>
<td>Miscellaneous manufacturing industries</td>
<td>337</td>
<td>footwear</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Not specified manufacturing industries</td>
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<table>
<thead>
<tr>
<th>Industry Code</th>
<th>TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>506</td>
<td>Railroads and railway express service</td>
</tr>
<tr>
<td>507</td>
<td>Street railways and bus lines</td>
</tr>
<tr>
<td>508</td>
<td>Taxicab service</td>
</tr>
<tr>
<td>509</td>
<td>Trucking service</td>
</tr>
<tr>
<td>516</td>
<td>Warehousing and storage</td>
</tr>
<tr>
<td>517</td>
<td>Water transportation</td>
</tr>
<tr>
<td>518</td>
<td>Air transportation</td>
</tr>
<tr>
<td>519</td>
<td>Petroleum and gasoline pipe lines</td>
</tr>
<tr>
<td>526</td>
<td>Services incidental to transportation</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Industry Code</th>
<th>Communications</th>
</tr>
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<tbody>
<tr>
<td>536</td>
<td>Radio broadcasting and television</td>
</tr>
<tr>
<td>538</td>
<td>Telephone (wire and radio)</td>
</tr>
<tr>
<td>539</td>
<td>Telegraph (wire and radio)</td>
</tr>
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<table>
<thead>
<tr>
<th>Industry Code</th>
<th>Utilities and sanitary services</th>
</tr>
</thead>
<tbody>
<tr>
<td>567</td>
<td>Electric light and power</td>
</tr>
<tr>
<td>568</td>
<td>Gas and steam supply systems</td>
</tr>
<tr>
<td>569</td>
<td>Electric-gas utilities</td>
</tr>
<tr>
<td>576</td>
<td>Water supply</td>
</tr>
<tr>
<td>578</td>
<td>Sanitary services</td>
</tr>
<tr>
<td>579</td>
<td>Other and not specified utilities</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry Code</th>
<th>WHOLESALE AND RETAIL TRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>606</td>
<td>Motor vehicles and equipment</td>
</tr>
<tr>
<td>607</td>
<td>Drugs, chemicals, and allied products</td>
</tr>
<tr>
<td>608</td>
<td>Dry goods and apparel</td>
</tr>
<tr>
<td>609</td>
<td>Food and related products</td>
</tr>
<tr>
<td>616</td>
<td>Farm products—raw materials</td>
</tr>
<tr>
<td>617</td>
<td>Electrical goods, hardware, and plumbing equipment</td>
</tr>
<tr>
<td>618</td>
<td>Machinery, equipment, and supplies</td>
</tr>
<tr>
<td>619</td>
<td>Petroleum products</td>
</tr>
<tr>
<td>626</td>
<td>Miscellaneous wholesale trade</td>
</tr>
<tr>
<td>629</td>
<td>Not specified wholesale trade</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry Code</th>
<th>Retail trade</th>
</tr>
</thead>
<tbody>
<tr>
<td>636</td>
<td>Food stores, except dairy products</td>
</tr>
<tr>
<td>637</td>
<td>Dairy products stores and milk retailing</td>
</tr>
<tr>
<td>638</td>
<td>General merchandise retailing</td>
</tr>
<tr>
<td>639</td>
<td>Limited price variety stores</td>
</tr>
<tr>
<td>646</td>
<td>Apparel and accessories stores, except shoe stores</td>
</tr>
<tr>
<td>647</td>
<td>Shoe stores</td>
</tr>
<tr>
<td>648</td>
<td>Furniture and housefurnishings stores</td>
</tr>
<tr>
<td>649</td>
<td>Household appliances, TV, and radio stores</td>
</tr>
<tr>
<td>656</td>
<td>Motor vehicles and accessories retailing</td>
</tr>
<tr>
<td>657</td>
<td>Gasoline service stations</td>
</tr>
<tr>
<td>658</td>
<td>Drug stores</td>
</tr>
<tr>
<td>659</td>
<td>Eating and drinking places</td>
</tr>
<tr>
<td>666</td>
<td>Hardware and farm equipment stores</td>
</tr>
<tr>
<td>676</td>
<td>Lumber and building material retailing</td>
</tr>
<tr>
<td>678</td>
<td>Liquor stores</td>
</tr>
<tr>
<td>679</td>
<td>Retail florists</td>
</tr>
<tr>
<td>686</td>
<td>Jewelry stores</td>
</tr>
<tr>
<td>687</td>
<td>Fuel and ice dealers</td>
</tr>
<tr>
<td>689</td>
<td>Miscellaneous retail stores</td>
</tr>
<tr>
<td>696</td>
<td>Not specified retail trade</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry Code</th>
<th>FINANCE, INSURANCE, AND REAL ESTATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>706</td>
<td>Banking and credit agencies</td>
</tr>
<tr>
<td>716</td>
<td>Security and commodity brokerage and investment companies</td>
</tr>
<tr>
<td>726</td>
<td>Insurance</td>
</tr>
<tr>
<td>736</td>
<td>Real estate (incl. real estate-insurance-law offices)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry Code</th>
<th>BUSINESS AND REPAIR SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>806</td>
<td>Advertising</td>
</tr>
<tr>
<td>807</td>
<td>Miscellaneous business services</td>
</tr>
<tr>
<td>808</td>
<td>Automobile repair services and garages</td>
</tr>
<tr>
<td>809</td>
<td>Miscellaneous repair services</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry Code</th>
<th>PERSONAL SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>816</td>
<td>Private households</td>
</tr>
<tr>
<td>826</td>
<td>Hotels and lodging places</td>
</tr>
<tr>
<td>828</td>
<td>Laundering, cleaning, and dyeing services</td>
</tr>
<tr>
<td>829</td>
<td>Dressmaking shops</td>
</tr>
<tr>
<td>836</td>
<td>Shoe repair shops</td>
</tr>
<tr>
<td>838</td>
<td>Barber and beauty shops</td>
</tr>
<tr>
<td>839</td>
<td>Miscellaneous personal services</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry Code</th>
<th>ENTERTAINMENT AND RECREATION SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>846</td>
<td>Theaters and motion pictures</td>
</tr>
<tr>
<td>848</td>
<td>Bowling alleys, and billiard and pool parlors</td>
</tr>
<tr>
<td>849</td>
<td>Miscellaneous entertainment and recreation services</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry Code</th>
<th>PROFESSIONAL AND RELATED SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>867</td>
<td>Medical and other health services, except hospitals</td>
</tr>
<tr>
<td>868</td>
<td>Hospitals</td>
</tr>
<tr>
<td>869</td>
<td>Legal services</td>
</tr>
<tr>
<td>876</td>
<td>Educational services</td>
</tr>
<tr>
<td>879</td>
<td>Welfare and religious services</td>
</tr>
<tr>
<td>888</td>
<td>Nonprofit membership organizations</td>
</tr>
<tr>
<td>896</td>
<td>Engineering and architectural services</td>
</tr>
<tr>
<td>897</td>
<td>Accounting, auditing, and bookkeeping services</td>
</tr>
<tr>
<td>898</td>
<td>Miscellaneous professional and related services</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry Code</th>
<th>PUBLIC ADMINISTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>906</td>
<td>Postal service</td>
</tr>
<tr>
<td>916</td>
<td>Federal public administration</td>
</tr>
<tr>
<td>926</td>
<td>State public administration</td>
</tr>
<tr>
<td>936</td>
<td>Local public administration</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry Code</th>
<th>INDUSTRY NOT REPORTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>999</td>
<td></td>
</tr>
</tbody>
</table>
SOCIO-ECONOMIC STATUS SCORES FOR DETAILED OCCUPATIONS

Explanation.--The accompanying table gives socio-economic status scores for the detailed occupations in the 1960 Census of Population. The rationale and method of computing these scores are described in Occupations and Social Status, by Albert J. Reiss, Jr., and others (New York: The Free Press of Glencoe, to be published in 1961). Briefly, the score is a composite of information on levels of educational attainment and income of the labor force engaged in the several occupations, as reported in the 1950 Census of Population. The score was so derived that it has a high correlation with the "prestige" rating of certain occupations that were rated in a 1947 survey conducted by the National Opinion Research Center.

The SES score is a two-digit number with a range from 00 to 96, and is intended to be treated as a continuous variable in statistical analyses wherein a single figure representing occupational socio-economic status is desired.

To assign an SES score to an occupation, it is necessary to have the occupation coded according to the classification in 1960 Census of Population: Classified Index of Occupations and Industries (Washington: Bureau of the Census, 1960); in some instances, codes for Industry and Class of Worker, given in the same volume also are required.

(Note: Question 10 in the "Questionnaire for Occupational Changes in a Generation" includes a fifth response category in addition to the four standard Class-of-Worker categories, i.e., "working FOR PAY in a family business or farm." For purposes of coding occupational SES, this category is to be regarded as identical with class-of-worker code Pr--for private employer for wages, salary, commission, tips, etc.)

The first three columns of the accompanying table constitute the information necessary to assign an SES score. The first column is a 3-digit number or single letter representing the occupation. If the second and third columns are blank, the SES score may be assigned on the basis of occupation alone. If there is an entry in the second and/or third column, it is necessary to consider industry and/or class-of-worker in assigning the SES score.

To take the most complicated example, consider a corporation officer of a concern manufacturing airplane engines. The occupation code is "R" (managers, officials, and proprietors n.e.c.), but since there are entries in the second and third columns of the accompanying table it is necessary to consider industry and class of worker as well. The industry code is "268" (aircraft and parts), and the class-of-worker code is Pr (for private employer). Hence, the appropriate recode for the SES score is 79, which is read from the fourth column corresponding to the preceding three entries.

In the preparation of the accompanying table, the 1950 occupation and industry classifications have been reconciled to the 1960 classification. In some instances this requires a grouping of titles, and in a few instances the SES score had to be assumed on the basis of a closely analogous occupation or industry title. Fortunately, the 1950 and 1960 classifications are very similar and the main adjustment consisted in assignment of new 3 digit occupation and industry code.
Addendum to

SOCIO-ECONOMIC STATUS SCORES FOR DETAILED OCCUPATIONS

When class of worker is unknown, code class of worker as Pr (Private wage and salary)

SES scores for certain occupations, when industry is unknown or differs from any of the industry codes shown in the table:

<table>
<thead>
<tr>
<th>Occ. Code</th>
<th>Industry</th>
<th>SES recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>260</td>
<td>All other industries (except J, 906, 926, 936) and industry not specified</td>
<td>63</td>
</tr>
<tr>
<td>270</td>
<td>All other industries (except J, 906, 926, 936) and industry not specified</td>
<td>66</td>
</tr>
<tr>
<td>685</td>
<td>All other industries (except 126, 136, 146, 156) and industry not specified</td>
<td>10</td>
</tr>
</tbody>
</table>

NOTE: Scores for group titles (such as "Engineers, Technical") may be found in Occupations and Social Status, Appendix B. Scores for major occupation groups are given in ibid., Table VIII-4

Numeric equivalents of letter codes used in 1960 Census of Population, "Classified Index of Occupations and Industries"

A 016       G 638       N 200       U 902
B 359       H 868       P 804       V 903
C 196       J 916       O 411       W 775
D 659       K 816       R 290       X 985
E 876       L 506       S 394       Y 370
F 636       M 258       T 715       Z 342
<table>
<thead>
<tr>
<th>Code</th>
<th>Ind Code</th>
<th>Class Code</th>
<th>Sex Code</th>
<th>Occupation Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>0</td>
<td>000</td>
<td>8</td>
<td>Accountants and auditors</td>
</tr>
<tr>
<td>010</td>
<td>0</td>
<td>010</td>
<td>60</td>
<td>Actors and actresses</td>
</tr>
<tr>
<td>012</td>
<td>0</td>
<td>012</td>
<td>79</td>
<td>Airplane pilots and navigators</td>
</tr>
<tr>
<td>013</td>
<td>0</td>
<td>013</td>
<td>90</td>
<td>Architects</td>
</tr>
<tr>
<td>014</td>
<td>0</td>
<td>014</td>
<td>67</td>
<td>Artists and art teachers</td>
</tr>
<tr>
<td>015</td>
<td>0</td>
<td>015</td>
<td>52</td>
<td>Athletes</td>
</tr>
<tr>
<td>020</td>
<td>0</td>
<td>020</td>
<td>78</td>
<td>Authors</td>
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<td>021</td>
<td>0</td>
<td>021</td>
<td>79</td>
<td>Chemists</td>
</tr>
<tr>
<td>022</td>
<td>0</td>
<td>022</td>
<td>75</td>
<td>Chiropractors</td>
</tr>
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<td>023</td>
<td>0</td>
<td>023</td>
<td>52</td>
<td>Clergymen</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>030</td>
<td></td>
<td>College presidents, professors, and instructors, n.e.</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>070</td>
<td>45</td>
<td>Dancers and dancing teachers</td>
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<tr>
<td></td>
<td>0</td>
<td>071</td>
<td>96</td>
<td>Dentists</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>072</td>
<td>73</td>
<td>Designers</td>
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<td>0</td>
<td>073</td>
<td>39</td>
<td>Dietitians and nutritionists</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>074</td>
<td>67</td>
<td>Draftsmen</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>075</td>
<td>82</td>
<td>Editors and reporters</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>080</td>
<td>87</td>
<td>Engineers, aeronautical</td>
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<td></td>
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<td>Engineers, chemical</td>
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<td>Engineers, civil</td>
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<td>0</td>
<td>083</td>
<td>84</td>
<td>Engineers, electrical</td>
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<td>0</td>
<td>090</td>
<td>86</td>
<td>Engineers, industrial</td>
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<td>0</td>
<td>091</td>
<td>82</td>
<td>Engineers, mechanical</td>
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<tr>
<td></td>
<td>0</td>
<td>092</td>
<td>82</td>
<td>Engineers, metallurgical, and metallurgists</td>
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<tr>
<td></td>
<td>0</td>
<td>093</td>
<td>87</td>
<td>Engineers, mining</td>
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<tr>
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<td>Engineers, sales</td>
</tr>
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<td></td>
<td>Engineers (n.e.c.)</td>
</tr>
<tr>
<td>Occ. code</td>
<td>Soc. Ind. code</td>
<td>Soc. Mr. code</td>
<td>Sex</td>
<td>Occupation title</td>
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<tr>
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<td>---------------</td>
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<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>101</td>
<td></td>
<td></td>
<td>31</td>
<td>Entertainers (n.e.c.)</td>
</tr>
<tr>
<td>102</td>
<td></td>
<td></td>
<td>83</td>
<td>Farm and home management advisers</td>
</tr>
<tr>
<td>103</td>
<td></td>
<td></td>
<td>48</td>
<td>Foresters and conservationists</td>
</tr>
<tr>
<td>104</td>
<td></td>
<td></td>
<td>59</td>
<td>Funeral directors and embalmers</td>
</tr>
<tr>
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FARMERS AND FARM MANAGERS

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CRAFTSMEN, FOREMEN, AND KINDRED WORKERS

- Bakers
- Blacksmiths
- Boilermakers
- Bookbinders
- Bricklayers, stonemasons, and tile setters
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**PRIVATE HOUSEHOLD WORKERS**

- Baby sitters
- Housekeepers, private household
- Laundresses, private household
- Private household workers (n.e.c.)

**SERVING WORKERS, EXCEPT PRIVATE HOUSEHOLD**

- Attendants, hospital and other institutions
- Attendants, professional and personal service (n.e.c)
- Attendants, recreation and amusement
- Barbers

107
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</sup> | NONC Title(s) Used to Estimate Prestige Score<sup>
</sup> | Inclusiveness of Title<sup>
</sup> | Quality of Match<sup>
</sup> | Prestige Score | Decile of Total ECLFS<sup>
</sup> | Notes<sup>
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<td>Computer Programmer (HSR)</td>
<td>T.V. Announcer (HSR)</td>
<td>Law Clerk (Sup)</td>
<td>Public Health Analyst (Sup)</td>
<td>Tree Surgeon (Sup)</td>
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<td>Farmers and Farm Managers</td>
<td>Tenant Farmer--one who owns livestock and machinery and manages the farm (Rep)</td>
<td>Sharecropper--one who owns no livestock or equipment and does not manage a farm (Rep)</td>
<td>Farm Owner and Operator (HSR)</td>
<td>Tenant Farmer (HSR)</td>
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<td>Farm Produce Buyer (Sup)</td>
<td>Railroad Conductor (HSR)</td>
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<td>Quality of Match</td>
<td>Prestige Score</td>
<td>Decile of Total ECLF</td>
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<td>Officials, Lodge, Society, Union, etc.</td>
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<td>Telephone Operators</td>
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<td>Quality of Match</td>
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<td>Quality of Match&lt;sup&gt;m&lt;/sup&gt;</td>
<td>Prestige Score</td>
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<td>Office Machine</td>
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<td>Millers, Grain, Flour, Feed, etc.</td>
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<th>Quality of Match</th>
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<th>Quality of Match</th>
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<td>Butler (HSR)</td>
<td>L</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Cleaning Woman in Private Homes (Sup)</td>
<td></td>
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</tr>
<tr>
<td>Service Workers</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Except Private Household</td>
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<tr>
<td>Attendants, Hospital and Other Institution</td>
<td>Hospital Attendant (HSR)</td>
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<tr>
<td>Attendants, Professional and Personal Service, n.e.c.</td>
<td>Hat Check Girl (Sup)</td>
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<tr>
<td>Attendants, Recreation and Amusement</td>
<td>Attendant in an Ice-skating Rink (Sup)</td>
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<tr>
<td>Bartenders</td>
<td>Bartender (HSR)</td>
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<td>Boarding and Lodging House Keepers</td>
<td>Boardinghouse Keeper (Sup)</td>
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<td>Bootblacks</td>
<td>Shoe Shiner (Rep)</td>
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<td>Chambermaids and Maids, Except Private Household</td>
<td>Hotel Chambermaid (Sup)</td>
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<td>Cooks, Except Private Household</td>
<td>Office Cleaner (Sup)</td>
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<td>Restaurant Cook (Rep)</td>
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<td>Cook in a Restaurant (HSR)</td>
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<td>Soda Fountain Clerk (Rep)</td>
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<td>Soda Jerk (HSR)</td>
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<td>Elevator Operators</td>
<td>Elevator Operator in a Building (HSR)</td>
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<td>Hairdressers and Cosmetologists</td>
<td>Beauty Operator (HSR)</td>
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<td>Housekeepers and Stewards, Except Private Household</td>
<td>Housekeeper in a Private Home (HSR)</td>
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<td>Janitors and Sextons</td>
<td>Airline Stewardess (Sup)</td>
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<td>Kitchen Workers, n.e.c.</td>
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<td>Salad Maker in a Hotel Kitchen (Sup)</td>
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<td>Midwife (Sup)</td>
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<td>Porters</td>
<td>Railroad Porter (HSR)</td>
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<td>Practical Nurses</td>
<td>First Aid Nurse (Sup)</td>
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<td>Protective Service Workers</td>
<td>Fireman (HSR)</td>
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<td>Firemen, Fire Protection Guards, Watchmen, and Doorkeepers</td>
<td>Night Watchman (Rep)</td>
<td>L</td>
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<td>Marshals and Constables</td>
<td>Town Marshal (Sup)</td>
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<td>Policemen and Detectives</td>
<td>Policeman (HSR)</td>
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<td>Census Detailed Occupational Category</td>
<td>NORC Title(s) Used to Estimate Prestige Score</td>
<td>Inclusiveness of Title</td>
<td>Quality of Match</td>
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<td>Sheriffs and Bailiffs</td>
<td>County Sheriff (Sup)</td>
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<td>Drawbridge Tender (Sup)</td>
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<td>Watchmen (Crossing) and Bridge Tenders</td>
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<td>Ushers, Recreation and Amusement Waiters</td>
<td>Restaurant Waiter (Rep)</td>
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<td>Waitress in a Restaurant (HSR)</td>
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<td>Service Workers exc.</td>
<td>Bell Boy in a Hotel (Sup)</td>
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<td>Private Household, n.e.c.</td>
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<td>Farm Laborers and Foremen</td>
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<td>Farm Foreman (Sup)</td>
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<td>Farm Hand (Rep)</td>
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<td>Farm Laborers, Unpaid Family Workers</td>
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<td>Migrant Worker (HSR)</td>
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<td>Trailer Truck Driver (HSR)</td>
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<td>Laborers Except Farm and Mine</td>
<td>Laborers Except Farm and Mine</td>
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<td>------------------------------</td>
<td>------------------------------</td>
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<td>Carpenters' Helpers, Except Logging and Mining</td>
<td>Carpenter's Helper (HSR)</td>
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<td>Fishermen and Oystermen</td>
<td>Fisherman Who Owns His Own Boat (Rep)</td>
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<td>Grease Monkey in a Service Station (HSR)</td>
<td>Grease Monkey in a Service Station (HSR)</td>
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<td>Gardener (HSR)</td>
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<td>Longshoreman (HSR)</td>
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<td>Lumberjack (Rep)</td>
<td>Logger (HSR)</td>
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<td>Mule Team Driver (Sup)</td>
<td>Truck Driver's Helper (Sup)</td>
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<td>Warehouse Hand (HSR)</td>
<td>Garbage Collector (Rep)</td>
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<td>Street Sweeper (Rep)</td>
<td>Construction Laborer (HSR)</td>
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<tr>
<td>Railroad Section Hand (HSR)</td>
<td>Unskilled Worker in a Factory (Sup)</td>
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</tbody>
</table>

\[ \text{Prestige scores for summary lines are the weighted average of the prestige scores for the detailed lines summarized. The weights are the total Experienced Civilian Labor Force, 1960.} \]

\[ \text{Score shown is the (unweighted) average of the scores of the several titles listed.} \]
"Score is the weighted average of the scores for the detailed lines under "Natural Scientists" (as is the score for that line). The weights are the total Experienced Civilian Labor Force, 1960.

dScore is the weighted average of the scores for "Farm Owner and Operator," "Tenant Farmer," "Tenant Farmer--one who owns livestock and machinery and manages the farm," and "Sharecropper." The two tenant farmer titles are simply averaged, and the weight applied to that average score. The weights are based on the tenancy classification of the Census of Agriculture and are taken from U.S. Bureau of the Census, 1962:Table 6.

"The score for "Inspectors, Public Administration, State Public Administration" is derived by assuming that its ratio to the (known) score for "Inspectors...Federal Public Administration and Postal Service" is equal to the (known) ratio of the score for "Officials and Administrators, Public Administration, State Public Administration" to that for "Officials and Administrators...Federal Public Administration and Postal Service," q.v. A similar assumption permits derivation of a score for "Inspectors...Local Public Administration."

According to Census classification procedures, this title is not a member of the Census Detailed Occupational Category matched. See text for details.

fMatching titles refer to industries, rated in a separate operation in the HSR Study, and converted via regression to differentiate "Operatives and Kindred Workers, n.e.c." by industries. See text for details.

hTitles taken from the stub of U.S. Bureau of the Census, 1964:Table 201. Two lines from that table are not included: "Former Members of the Armed Forces," which refers to individuals who have not held a civilian occupation since leaving the Armed Services, and "Occupation Not Reported."
TABLE 3—Continued

1 Titles are given the exact wording rated. The study in which a title was rated is indicated in parentheses. "Rep" is the 1963 replication of the North-Hatt-NORC Study of Occupational Prestige; "HSR" is the 1964 study by Hodge, Siegel and Rossi; "Sup" is the supplemental study carried out by Hodge, Siegel, and Rossi in the Fall of 1965.

2 Ratings by Hodge and Siegel comparing the occupations "covered" by the rated title to those included in the census category; "M"—more inclusive than the census category; "E"—about the same; "L"—less inclusive than the census category; and "D"—disjoint from the census category or overlapping several categories.

3 Ratings by Hodge and Siegel of how well, in a global sense, the title rated matches the diverse occupations allocated to the category by the census classification; "1"—good; "0"—poor.

4 Experienced Civilian Labor Force, 1960, see note h.
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>18. Live no this person</td>
<td>Yes</td>
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<tr>
<td>19. What was ... doing most of last week?</td>
<td>Working</td>
<td>Yes</td>
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<tr>
<td>20. Did ... in any week of last year</td>
<td>No</td>
<td></td>
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<tr>
<td>21. How many hours last week?</td>
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<td></td>
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<tr>
<td>22. How many weeks last year?</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>23. Why was ... absent from work last week?</td>
<td>Illness</td>
<td></td>
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<tr>
<td>24. Was there any work in the household last week?</td>
<td>Yes</td>
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</table>

**26. Description of job or business**

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Notes</th>
</tr>
</thead>
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<tr>
<td>A. For whom did ... work?</td>
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<tr>
<td>B. What kind of business or industry was this?</td>
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<td></td>
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<tr>
<td>C. What kind of work was being done?</td>
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<tr>
<td>D. Class of worker</td>
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<td>CLASS OF HOUSE</td>
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**NOTES:**
- Check [ ] if this person is a veteran.
- Check [ ] if this person is married.
- Check [ ] if this person is a member of the armed forces.
- Check [ ] if this person is a government employee.

**MARRIAGE:**
- Check [ ] if all persons were married or a "Never married" column.
- Check [ ] if all persons were married or a "Married" column.

**Income:**
- Check [ ] if income is $0,000 or less.
- Check [ ] if income is $0,000 to $9,999.
- Check [ ] if income is $10,000 or more.

**DEGREE OF YEAR IN SCHOOL:**
- Check [ ] if degree is "Current and Completed School."
Appendix K

U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON 25, D. C.

March 19, 1962

Dear Mr. [Redacted]:

We appreciate your cooperation in connection with our regular Current Population Survey program. Now we would like to ask you to answer a few additional questions about your earlier background and on the occupation of your father. If you are married, there are also a few questions about your wife and her father's occupation. This information is needed to help in forecasting the kinds of changes that are likely to occur in the future and to help develop programs to meet changing conditions.

Please complete this form and mail it within the next three days in the enclosed envelope, which requires no postage. All information provided will be held in strict confidence and only statistical totals will ever be published.

Sincerely yours,

[Signature]

Richard M. Scammon
Director
Bureau of the Census

Enclosures
1. Where were you born? (Name of State, foreign country, U.S. possession, etc.)

United States or

(Name of foreign country; or Puerto Rico, Guam, etc.)

2. In what country was your father born?

United States or

(Name of foreign country; or Puerto Rico, Guam, etc.)

3. In what country was your mother born?

United States or

(Name of foreign country; or Puerto Rico, Guam, etc.)

4. Number of brothers and sisters
   (Count those born alive but no longer living, as well as those alive now. Also include stepbrothers and sisters and children adopted by your parents.)
   a. How many sisters did you have? or None
      
   b. How many of these sisters were older than you (born earlier)?
      
   c. How many brothers did you have? or None
      
   d. How many of these brothers were older than you (born earlier)?
      
   e. Did any of your older brothers live to age 25?
      Yes No (Answer Question 5) (Skip to Question 6)

5. If "Yes" in 4e, please indicate the highest grade of school the oldest brother completed.
   (Check one box; if you are not sure, please make a guess.)

Never attended school
Grades 1 to 12
College (Academic years)

6. Where were you living when you were 16 years old?

a. The same community (city, town, or rural area) as at the present time?

b. Different community (Check one):
   in a large city (100,000 population or more)?
   in a suburb near a large city?
   in a middle-sized city or small town (under 100,000 population) but not in a suburb of a large city?
   open country (but not on a farm)?
   on a farm?

7. Which of the following types of school did you attend before you were 16 years old?

(If you attended more than one kind, please check all that you did attend.)

Public
Parochial
Other private

8. Please think about the first full-time job you had after you left school. (Do not count part-time jobs or jobs during school vacation. Do not count military service.)

a. How old were you when you began this job?

b. What kind of work were you doing?

   (For example: Elementary school teacher, paint sprayer, repaired radio sets, grocery checker, civil engineer, farmer, farm hand)

c. What kind of business or industry was this?

   (For example: County junior high school, auto assembly plant, radio service, retail supermarket, road construction, farm)

d. Were you --

   (Check one)

   an employee of a PRIVATE company, business, or individual for wages, salary, or commissions?
   a GOVERNMENT employee (Federal, State, County, or local government)?
   self-employed in OWN business, professional practice, or farm?
   working WITHOUT PAY in a family business or farm?
   working FOR PAY in a family business or farm?

9. Were you living with both your parents most of the time up to age 16?

   Yes No (Skip to Question 10) (Answer Question 9a)

a. If "No" above, who was the head of your family? (Check one)

   Father
   Mother
   Other male
   Other female
Auf A4 verkleinert
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<th>Type of Interview</th>
<th>Housing Unit</th>
<th>SAMPLE UNIT NO.</th>
<th>DESCRIPTION OF SAMPLE UNIT (Room No., Bed No., etc.)</th>
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**FILL FOR SPECIAL SPELLING PLACE**

18a. Name of Place  
18b. Type of Place Code

**SEASONAL STATUS**

19a. Seasonal status

**CONDITION OF UNIT**

19b. Condition of Unit

**HOB FOR EACH HOUSEHOLD**

20. Relationship to Head of Household

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<th>Name of Person Interviewed</th>
<th>Interview Method</th>
<th>Date Completed</th>
<th>Code Name of Person Interviewed</th>
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<td>First Name</td>
<td>Last Name</td>
<td>Date</td>
<td>Birthday</td>
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**FILL FOR EACH HOUSEHOLD QUESTION 8-12 YEARS OF AGE**

21. Race

22. Relationship to head of household

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<th>Relationship to Head of Household</th>
<th>Type</th>
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<td>Other relative</td>
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**FILL FOR EACH HOUSEHOLD QUESTION 13 YEARS OF AGE AND OVER**

23. Race

24. Relationship to head of household

<table>
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<th>Relationship to Head of Household</th>
<th>Type</th>
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**FILL FOR EACH HOUSEHOLD QUESTION 14 YEARS OF AGE AND OVER**

25. Race

26. Relationship to head of household

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<thead>
<tr>
<th>Relationship to Head of Household</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child</td>
<td></td>
</tr>
<tr>
<td>Other relative</td>
<td></td>
</tr>
</tbody>
</table>

**FILL FOR EACH HOUSEHOLD QUESTION 15 YEARS OF AGE AND OVER**

27. Race

28. Relationship to head of household

<table>
<thead>
<tr>
<th>Relationship to Head of Household</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child</td>
<td></td>
</tr>
<tr>
<td>Other relative</td>
<td></td>
</tr>
</tbody>
</table>
12. Now we would like to find out what kind of work your father did when you were about 10 years old. If you were not living with your father, please answer for person checked in Question 9a.

a. What kind of work was he doing?

(for example: elementary school teacher, painter, repair radio sets, grocery checker, civil engineer, farmer, farm hand)

b. What kind of business or industry was this?

(for example: County junior high school, auto assembly plant, radio service, retail supermarket, road construction, farm)

c. Was he --

(Check one)

- an employee of a private company, business, or individual for wages, salary, or commissions? □ 1
- a government employee (Federal, State, County or local government)? □ 2
- self-employed in his own business, professional practice, or firm? □ 3
- working without pay in his family's business or farm? □ 4

13. a. How many brothers did your wife have? -------

or □ None

b. How many sisters did your wife have? -------

or □ None

14. Now we would like to find out what kind of work your wife's father did when she was about 10 years old. If she was not living with her father, please check here ------- and answer for the person who was the head of her family at that time.

a. What kind of work was he doing?

(for example: elementary school teacher, painter, repair radio sets, grocery checker, civil engineer, farmer, farm hand)

b. What kind of business or industry was this?

(for example: County junior high school, auto assembly plant, radio service, retail supermarket, road construction, farm)

c. Was he --

(Check one)

- an employee of a private company, business, or individual for wages, salary, or commissions? □ 1
- a government employee (Federal, State, County, or local government)? □ 2
- self-employed in his own business, professional practice, or firm? □ 3
- working without pay in his family's business or farm? □ 4

Please use this space to clarify any problems the questions caused.

FOR OFFICE USE ONLY

A

B

C

D

If additional space is needed, please continue on reverse side

147
CURRENT

POPULATION

SURVEY

DATA AND PROGRAM LIBRARY SERVICE
DATA AND COMPUTATIONAL CENTER
4452 SOCIAL SCIENCE BUILDING
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN 53706 USA

DO NOT REMOVE FROM THIS ROOM

MARCH 1973

148
1. **TYPE OF LIVING QUARTERS**

<table>
<thead>
<tr>
<th>HOUSEHOLD UNIT</th>
<th>OTHER UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>House, apartment, flat</td>
<td>Quarters not</td>
</tr>
<tr>
<td>Hotel, intransient hotel, motel, etc.</td>
<td>MU in sleeping or boarding house</td>
</tr>
<tr>
<td>MU, permanent, in transient hotel, motel, etc.</td>
<td>Unit not permanent</td>
</tr>
<tr>
<td>MU in rooming house</td>
<td>in transient motel, motel, etc.</td>
</tr>
<tr>
<td>Mobile home or trailer</td>
<td>Tent site or trailer site</td>
</tr>
<tr>
<td>MU not specified above</td>
<td>Other not MU</td>
</tr>
</tbody>
</table>

2. **TYPE INTERVIEW**

- Noninterview
- Personal
- Telephone
- Takis/Back
- IRC return

3. **REASON**

- No one home
- Temporarily absent
- Refused
- Other

4. **RACE OF HEAD**

- White
- Negro
- Other

5. **TYPE A**

- Vacant - regular
- Vacant - storage of household furniture
- Unit or building to be demolished
- Under construction, not ready
- Converted to apartments, business, or storage
- Occupied by Armed Forces members or persons under 14
- Unoccupied rent site or trailer site

6. **TYPE B**

- Demolished
- House or structure moved
- Outside segment
- Converted to permanent business or storage
- Merged
- Condemned
- Built after April 1, 1920

7. **TYPE C**

- Other (Specify below)

8. **SEASONAL STATUS**

- Year round
- Seasonal
- Summer
- Other

9. **NOTES**

- 

10. **CODER NUMBER**

   ABCDEFGHJKLM
   000000000
   01234567890
19. What was ... doing most of last week?

[Table with columns and rows, but contents are not legible.]

20. Did ... do any work at all last week? (Note: If yes, do not complete 20A through 20D.) Yes 1 No 2 (Go to 21)

20A. How many hours did ... work last week? Yes 10 No 0

20B. INTERVIEWER CHECK ITEM

(To be completed in full)

20C. Does ... usually work 25 hours or more at this job? Yes 1 No 0

20D. Did ... work any overtime or at more than one job last week? Yes 1 No 0

21. If yes, what was ... doing last week? (Note: If yes, do not complete 21A through 21D.) Yes 1 No 0 (Go to 22)

21A. Why was ... absent from work last week? Own illness 1

21B. INTERVIEWER CHECK ITEM

21C. Did ... do any work at all last week? Yes 1 No 0

21D. INTERVIEWER CHECK ITEM

22. If yes, how many hours did ... work last week? Yes 0 No 0

22A. INTERVIEWER CHECK ITEM

22B. INTERVIEWER CHECK ITEM

22C. Does ... usually work 25 hours or more a week? Yes 1 No 0 (Note: If yes, do not complete 22A through 22D.)

22D. INTERVIEWER CHECK ITEM

23. If yes, what was ... doing last week? (Note: If yes, do not complete 23A through 23D.) Yes 1 No 0 (Go to 24)

23A. Where was ... working last week? At home 1 In another state 0 (Go to 24)

23B. INTERVIEWER CHECK ITEM

23C. INTERVIEWER CHECK ITEM

23D. INTERVIEWER CHECK ITEM

24. INTERVIEWER CHECK ITEM

25. What was the usual job title of the person named? A Federal government employee 1 A State government employee 0 A Local government employee 0

26. INTERVIEWER CHECK ITEM

(To be completed in full)

27. RACE

[Table with columns and rows, but contents are not legible.]

28. SEX AND VETERAN STATUS

[Table with columns and rows, but contents are not legible.]

29. MIGNEST GRADE ATTENDED

[Table with columns and rows, but contents are not legible.]

30. GRADE COMPLETED

[Table with columns and rows, but contents are not legible.]
### INTERVIEWER CHECK ITEM

36. In 1972 how many weeks did you work after half time or part time? (Include paid vacations and paid sick leave) (Ask 36)

- [ ] 0 weeks
- [ ] 20 to 40 weeks
- [ ] 41 to 50 weeks
- [ ] 51 to 70 weeks
- [ ] 71 to 90 weeks
- [ ] 91 to 100 weeks
- [ ] More than 100 weeks

37. What was the usual vacation time in 1972? (Ask 37)

- [ ] Ill or disabled and unable to work
- [ ] Taking care of home or family
- [ ] Going to school
- [ ] Retired
- [ ] Other (Specify)
- [ ] Could not find work

### INCOME IN THE YEAR 1972 (For annual amount in the space provided in lines 42-46 and mark the appropriate dollar coefficient.)

**Last Year (1972)**

45. In wages or salary before any deductions? (Ask 45)

- [ ] CPS-581
- [ ] CPS-581

46. In net income from his own business or professional practice or partnership? (Ask 46)

- [ ] CPS-581
- [ ] CPS-581

### FOR OFFICE USE ONLY

| INDUSTRY | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |

50. What is your county? (Ask 50)

- [ ] Name of county

51. Did you live at this house? (Specify) (Ask 51)

- [ ] Did you live at this house three years ago? (Ask 47)

52. Did you live at this house five years ago? (Ask 48)

- [ ] Did you live at this house ten years ago? (Ask 49)
Dear Sir:

The Bureau of the Census is collecting information which will help in describing job opportunities available in today’s society as compared to conditions in earlier decades. This survey seeks to find out how the job situation and chances for advancement are changing for men today in comparison to their parents. It explores the effect that peoples’ backgrounds, their schooling, training in the military, and their early work experiences have on their work careers. This will build an understanding of today’s employment opportunities in terms of the experiences of the past. It will be of great value in assisting the next generation since the Nation will be better equipped to plan educational and job programs for the future. We ask your help in this important undertaking by completing this form and mailing it within 3 days in the enclosed preaddressed envelope.

Since this study is based on a sample of the population, it is important that each person in the sample return a completed questionnaire. Your cooperation in this voluntary survey will be greatly appreciated. All information supplied by you will be treated as confidential and will be used only to produce statistical totals from which no individual can be identified.

Sincerely,

VINCENT P. BARABBA
Acting Director
Bureau of the Census

Enclosure
1. Where were you born?

☐ United States (Which State?)

__________

(Name of State)

☐ Other country or U.S. possession (Which country?)

__________

(Name of foreign country, or Puerto Rico, Guam, etc.)

2. In what country was your father born?

☐ United States (Which State?)

__________

(Name of State)

☐ Other country or U.S. possession (Which country?)

__________

(Name of foreign country, or Puerto Rico, Guam, etc.)

3. In what country was your mother born?

☐ United States (Which State?)

__________

(Name of State)

☐ Other country or U.S. possession (Which country?)

__________

(Name of foreign country, or Puerto Rico, Guam, etc.)

4. What is the original nationality of your family on your FATHER's side? That is, what was it before coming to the United States?

(Example: Polish, German, Spanish, Russian)

5. NUMBER OF BROTHERS AND SISTERS

(COUNT those born alive but no longer living, as well as those alive now. Also include stepbrothers and stepsisters and children adopted by your parents.)

5a. How many sisters did you have?

__________ Number

OR

☐ None — Skip to question 5c

5b. How many of these sisters were older than you (born earlier)?

__________ Number

5c. How many brothers did you have?

__________ Number

OR

☐ None — Skip to question 7

5d. How many of these brothers were older than you (born earlier)?

__________ Number

---
6a. Did any of your brothers live to age 25?
(DO NOT COUNT YOURSELF OR BROTHERS LESS THAN 25 YEARS OLD.)

[ ] Yes
[ ] No – Skip to question 7

6b. Please indicate the highest grade of school completed by the OLDEST of your brothers who lived to age 25.
If you are not sure, please make a guess.

YOUR OLDEST BROTHER (Mark one)

[ ] Never attended school

Grades 1 to 12
1 [ ] First
2 [ ] Second
3 [ ] Third
4 [ ] Fourth
5 [ ] Fifth
6 [ ] Sixth

7 [ ] Seventh
8 [ ] Eighth
9 [ ] Ninth
10 [ ] Tenth
11 [ ] Eleventh
12 [ ] Twelfth

College (academic years)
13 [ ] C 1
14 [ ] C 2
15 [ ] C 3
16 [ ] C 4
17 [ ] C 5 or more

6c. Please indicate the highest grade of school completed by the YOUNGEST of your brothers who lived to age 25.
If you are not sure, please make a guess.

(Mark one)

[ ] Only one brother who lived to age 25 – Skip to question 7

YOUR YOUNGEST BROTHER

[ ] Never attended school

Grades 1 to 12
1 [ ] First
2 [ ] Second
3 [ ] Third
4 [ ] Fourth
5 [ ] Fifth
6 [ ] Sixth

7 [ ] Seventh
8 [ ] Eighth
9 [ ] Ninth
10 [ ] Tenth
11 [ ] Eleventh
12 [ ] Twelfth

College (academic years)
13 [ ] C 1
14 [ ] C 2
15 [ ] C 3
16 [ ] C 4
17 [ ] C 5 or more

7. Where were you living when you were 16 years old?

(Mark one)

[ ] The same community (city, town or rural area) as at the present time

OR

In a different community –

1 [ ] In a large city
2 [ ] (500,000 population or more)
3 [ ] (100,000–500,000 population)

4 [ ] In a suburb near a large city

5 [ ] In a middle-sized city or small town (under 100,000 population) but not in a suburb of a large city

6 [ ] Open country (but not on a farm)

[ ] On a farm

8a. Were you living with both your parents most of the time up to age 16?

[ ] Yes – Skip to question 9

[ ] No – Answer question 8b

8b. If “No” above, who was the head of your family?

(Mark one)

[ ] Father
[ ] Other male
[ ] Mother
[ ] Other female

9. When you were about 16 years old, what was your family’s annual income?

If you are not sure, please make a guess.

(Mark one)

[ ] No income (or loss)
1 [ ] $1–499
2 [ ] $500–999
3 [ ] $1,000–1,999
4 [ ] $2,000–2,999
5 [ ] $3,000–3,999
6 [ ] $4,000–4,999
7 [ ] $5,000–5,999
8 [ ] $6,000–6,999
9 [ ] $7,000–7,999
10 [ ] $8,000–8,999
11 [ ] $9,000–9,999
12 [ ] $10,000–14,999
13 [ ] $15,000 or more

10. In what year was your father (or the person marked in question 8b) born?
11. Now we would like to find out what kind of work your father did when you were about 16 years old. If you were not living with your father, please answer for the person marked in question 8b.

11a. In what kind of business or industry did he work?
(For example: TV and radio manufacturing, retail shoe store, State Labor Department, farm)

11b. Was this mainly manufacturing, wholesale trade, retail trade, or something else?

11c. What kind of work was he doing?
(For example: electrical engineer, stock clerk, farmer)

11d. What were his most important activities or duties?
(For example: kept accounting books, filed, sold cars, operated printing press, finished concrete)

11e. Was he — (Mark one)

1. An employee of a PRIVATE company, business, or individual for wages, salary or commissions?

2. A GOVERNMENT EMPLOYEE (Federal, State, county or local government)?

Self-employed in OWN business, professional practice or farm?

3. Own business not incorporated (or farm)

4. Own business incorporated

5. Working WITHOUT PAY in his family’s business or farm?

11f. Did your father (or the person marked in question 8b) USUALLY WORK when you were about 16 years of age?

1. Yes

2. No

12. What is the highest grade of school your father (or the person marked in 8b) completed?
If you are not sure, please make a guess.
(Mark one)

033 0 □ Never attended school

Grades 1 to 12

1 □ First

2 □ Second

3 □ Third

4 □ Fourth

5 □ Fifth

6 □ Sixth

College (academic years)

13 □ C 1

14 □ C 2

15 □ C 3

16 □ C 4

17 □ C 5 or more

13. What is the highest grade of school your mother completed?
If you are not sure, please make a guess.
(Mark one)

034 0 □ Never attended school

Grades 1 to 12

1 □ First

2 □ Second

3 □ Third

4 □ Fourth

5 □ Fifth

6 □ Sixth

College (academic years)

13 □ C 1

14 □ C 2

15 □ C 3

16 □ C 4

17 □ C 5 or more

14. In March 1973, were you enrolled in regular school?
DO NOT INCLUDE business, vocational, technical training, apprenticeships, or on-the-job training.

035 1 □ Yes — Skip to question 19a, page 6

2 □ No
15. In March 1973, what was the highest grade of school you had COMPLETED? DO NOT INCLUDE business, vocational, technical training, apprenticeships, or on-the-job training.

(Mark one)

036 0 □ Never attended school — Skip to to question 18

Grades 1 to 12

1 □ First 7 □ Seventh
2 □ Second 8 □ Eighth
3 □ Third 9 □ Ninth
4 □ Fourth 10 □ Tenth
5 □ Fifth 11 □ Eleventh
6 □ Sixth 12 □ Twelfth

College (academic years)

13 □ C 1 16 □ C 4
14 □ C 2 17 □ C 5
15 □ C 3 or more

16a. What was the name and address of the college or university you LAST ATTENDED?

(Name of college or university)

(City)

(State)

037

16b. What was your field of specialization?
(For example: chemistry, law, education)

OR

039 0 □ No specialization

17. In what month and year did you COMPLETE your highest grade of school?

040 __________ Month ________ Year

18. Describe the FIRST, FULL-TIME CIVILIAN JOB you had AFTER you completed your highest grade in school. DO INCLUDE full-time work in a family business or farm even if you were working without pay. DO NOT COUNT military service.

041 1 □ Never worked at a full-time civilian job since completing highest grade in school — Skip to question 19a

2 □ Never worked — Skip to question 19a

18a. In what kind of business or industry was this?
(For example: TV and radio manufacturing, retail shoe store, State Labor Department, farm)

042

043

18b. Was this mainly manufacturing, wholesale trade, retail trade, or something else?

044 1 □ Manufacturing 3 □ Retail trade
2 □ Wholesale trade 4 □ Something else

18c. What kind of work were you doing?
(For example: electrical engineer, stock clerk, farmer)

045

046

18d. What were your most important activities or duties?
(For example: kept account books, filed, sold cars, operated printing press, finished concrete)

047 1 □ An employee of a PRIVATE company, business or individual for wages, salary, or commissions?

2 □ A GOVERNMENT employee (Federal, State, county, or local government)?

Self-employed in OWN business, professional practice, or farm?

3 □ Own business not incorporated (or farm)
4 □ Own business incorporated

5 □ Working WITHOUT PAY in a family business or farm?

18f. In what month and year did you BEGIN this JOB? Report the month and year in which you ACTUALLY began this job, EVEN IF you started the job before you completed your highest grade in school.

048 __________ Month ________ Year
11a. BEFORE you completed your highest grade in regular school, did you ever DISCONTINUE YOUR SCHOOLING FOR 6 MONTHS OR MORE?
Be sure to include ALL 6-month interruptions for military service, between high school and college, etc.

1 □ Yes
2 □ No - OR Did not attend school

19b. What was the highest grade you had completed the FIRST time you discontinued schooling for 6 months or more?
(Mark one)

Grades 1 to 12

1 □ First 7 □ Seventh
2 □ Second 8 □ Eighth
3 □ Third 9 □ Ninth
4 □ Fourth 10 □ Tenth
5 □ Fifth 11 □ Eleventh
6 □ Sixth 12 □ Twelfth

College (academic years)

13 □ C 1 16 □ C 4
14 □ C 2 17 □ C 5 or more
15 □ C 3

19c. In what month and year did this FIRST interruption begin?

051 ___________ Month
052 ___________ Year

20. Have you ever been on active service in the U.S. Armed Forces or spent at least 2 months on active duty for training in the Reserves or National Guard?

1 □ Yes
2 □ No - Skip to question 25

21. What is the highest grade of regular school you had completed BEFORE YOU FIRST ENTERED active military service?
(Mark one)

053 0 □ Never attended school

Grades 1 to 12

1 □ First 7 □ Seventh
2 □ Second 8 □ Eighth
3 □ Third 9 □ Ninth
4 □ Fourth 10 □ Tenth
5 □ Fifth 11 □ Eleventh
6 □ Sixth 12 □ Twelfth

College (academic years)

13 □ C 1 16 □ C 4
14 □ C 2 17 □ C 5 or more
15 □ C 3

23. What was the date of your LAST separation from active service?
DO NOT COUNT Reserves, National Guard, etc., after active service.

055 ___________ Month
056 ___________ Year

24. We have asked about your first civilian job. Now think back to March 1962.

24a. In March 1962, were you working at a civilian job or business (full time or part time)?
DO NOT COUNT military service.

1 □ Yes
2 □ No - Skip to question 25

24b. What kind of business or industry was this?
(For example: TV and radio manufacturing, retail shoe store, State Labor Dept., farm)

057
058

FORM OC-1 (8-1-73)
27. When did you FIRST get married?
   065  ___________ Month
   ___________ Year

28. Are you now married?
   066  1 □ Yes — Please answer questions 29—34 concerning your present marriage.
   2 □ No — Skip to question 35

29. Is this your FIRST marriage?
   067  1 □ Yes
   2 □ No

30. NUMBER OF WIFE'S BROTHERS AND SISTERS
30a. How many brothers did your wife have?
   If you are not sure of the answers to items 30a–34, please ask your wife for the information.
   068  ___________ Number
   OR
   0 □ None

30b. How many sisters did your wife have?
   069  ___________ Number
   OR
   0 □ None

31a. Was your wife living with both her parents most of the time up to age 16?
   070  1 □ Yes — Skip to question 32
   2 □ No

31b. If "No" above, who was the head of her family? (Mark one)
   071  1 □ Father
   2 □ Mother
   3 □ Other male
   4 □ Other female
32. Now we would like to find out what kind of work your wife’s father did when she was about 16 years old. If she was not living with her father, please answer for the person marked in question 31b.

32a. In what kind of business or industry did he work?
(For example: TV and radio manufacturing, retail shoe store, State Labor Department, farm)

32b. Was this mainly manufacturing, wholesale trade, retail trade, or something else?

32c. What kind of work was he doing?
(For example: electrical engineer, stock clerk, farmer)

32d. What were his most important activities or duties?
(For example: kept account books, filed, sold cars, operated printing press, finished concrete)

32e. Was he — (Mark one)

1 □ An employee of a PRIVATE company, business, or individual for wages, salary, or commissions?

2 □ A GOVERNMENT employee (Federal, State, county, or local government)?

3 □ Self-employed in his OWN business, professional practice or farm?

4 □ Own business not incorporated (or farm)

5 □ Own business incorporated

6 □ Working WITHOUT PAY in his family’s business or farm?

32f. Did her father (or the person marked in question 31b) USUALLY WORK when your wife was about 16 years of age?

33. What is the highest grade of school your wife’s father (or the person checked in question 31b) completed?
If you are not sure, please ask your wife for the information, or make a guess.
(Mark one)

34. What is the highest grade of school your wife’s mother completed?
If you are not sure, please ask your wife, or make a guess.
(Mark one)

35. Please write in your telephone number in case it is necessary for us to contact you.

<table>
<thead>
<tr>
<th>Area code</th>
<th>Telephone number</th>
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</table>

36. What is the name of the person filling in this form?

Name

OFFICE USE

1 □ 5  2 □ P  3 □ SPU
A reminder...

Dear Sir:

About a week ago a questionnaire was mailed to you in connection with a survey which the Bureau of Census is conducting to determine the different jobs men hold today as compared with their fathers. We seek to learn the types of backgrounds that are associated with occupational success, so that future generations with different career patterns can benefit from this knowledge. Since this is a sample survey, replies are needed from each person in order to measure the facts accurately. Therefore, please take a few minutes to complete the form and send it back in the preaddressed envelope.

If you have already returned the questionnaire, please disregard this reminder.

Thank you for your cooperation.

Earle J. Gerson
Chief, Demographic Surveys Division
Bureau of the Census

U.S. DEPARTMENT OF COMMERCE
SESA, Bureau of the Census
Jeffersonville, Indiana 47130
Dear Friend:

The Bureau of the Census has been asked by the National Science Foundation to collect information which will help in describing job opportunities available in today's society as compared to conditions in the earlier decades. This survey seeks to find out how the job situation and chances for advancement are changing for people today in comparison to their parents. It explores the effect that people's backgrounds, their schooling, training in the military, and their early work experiences have on their work careers. This will build an understanding of today's employment opportunities in terms of the experiences of the past. It will be of great value in assisting the next generation since we will be better equipped to plan educational and job programs for the future.

We ask your cooperation in this important voluntary survey when our interviewer visits your home.

Since this study is based on a sample of the population it is important that each person in the sample participates. All information supplied by you will be treated as confidential and will be used only to produce statistical totals from which no individual can be identified.

Sincerely,

JOSEPH R. WRIGHT, JR.
Acting Director
Bureau of the Census
### Form OCG-1

Form OCG-1
(2-20-73)

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<th>Serial No.</th>
<th>Line No.</th>
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**U.S. DEPARTMENT OF COMMERCE**

**SOCIAL AND ECONOMIC STATISTICS**

**ADMINISTRATION**

**BUREAU OF THE CENSUS**

**OCCUPATIONAL CHANGES**

**IN A GENERATION**

<table>
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<th>60 OCCUP</th>
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<th>60 OCCUP</th>
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<tbody>
<tr>
<td>009</td>
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</tbody>
</table>

**OFFICE USE**

**Notes**

169
1. Where were you born?
   - United States (Which State?)
     - (Name of State)
     - Other country or U.S. possession (Which country?)
     - (Name of foreign country; or Puerto Rico, Guam, etc.)

2. In what country was your father born?
   - United States (Which State?)
     - (Name of State)
     - Other country or U.S. possession (Which country?)
     - (Name of foreign country; or Puerto Rico, Guam, etc.)

3. In what country was your mother born?
   - United States (Which State?)
     - (Name of State)
     - Other country or U.S. possession (Which country?)
     - (Name of foreign country; or Puerto Rico, Guam, etc.)

4. What is the original nationality of your family on your FATHER'S side? That is, what was it before coming to the United States?
   - Example: Polish, German, Spanish, Russian

5. NUMBER OF BROTHERS AND SISTERS
   (Count those born alive but no longer living, as well as those alive now. Also include stepbrothers and stepsisters and children adopted by your parents.)
   a. How many sisters did you have? ...... 014 (Number) OR None (Skip to question 5c)
   b. How many of these sisters were older than you (born earlier)? ...... 015 (Number)
   c. How many brothers did you have? ...... 016 (Number) OR None (Skip to question 7)
   d. How many of these brothers were older than you (born earlier)? ...... 017 (Number)
6a. Did any of your brothers live to age 25?
(Do not count yourself or brothers less than 25 years old)

b. Please indicate the highest grade of
school completed by the OLDEST of your brothers who
lived to age 25.

- If you are not sure, please make
a guess.

- If you are not sure, please make
a guess.

c. Please indicate the highest grade of
school completed by the YOUNGEST of
your brothers who lived to age 25.

7. Where were you living when you were
16 years old?

8a. Were you living with both your parents
most of the time up to age 16?

b. If "No" above, who was the head
of your family?

9. When you were about 15 years old,
what was your family's annual income?

- If you are not sure, please make
a guess.

10. In what year was your father (or the
person marked in question 8b) born?

---

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11. Now we would like to find out what kind of work your father did when you were about 16 years old. If you were not living with your father, please answer for the person marked in question 8b.
   a. In what kind of business or industry did he work? 
   
   b. Was this mainly manufacturing, wholesale trade, retail trade, or something else?

<table>
<thead>
<tr>
<th>026</th>
</tr>
</thead>
<tbody>
<tr>
<td>1960:</td>
</tr>
<tr>
<td>027</td>
</tr>
<tr>
<td><strong>OFFICE USE</strong></td>
</tr>
<tr>
<td>(For example: TV and radio mfg., retail shoe store, State Labor Department, farm)</td>
</tr>
<tr>
<td>028</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>029</td>
</tr>
<tr>
<td>030</td>
</tr>
<tr>
<td><strong>OFFICE USE</strong></td>
</tr>
<tr>
<td>(For example: electrical engineer, stock clerk, farmer)</td>
</tr>
<tr>
<td>(For example: kept account books, filed, sold cars, operated printing press, finished concrete)</td>
</tr>
<tr>
<td>031</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
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<tr>
<td>032</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

12. What is the highest grade of school your father (or the person marked in 8b) usually work when you were about 16 years of age?

| 033 | |
|---|
| **(Mark one)** |
| 00 | Never attended school |
| 1 | 2 | 3 | 4 | 5 | 6 | Grades 1 to 12 |
| 7 | 8 | 9 | 10 | 11 | 12 | College (academic years) |
| 1 | 2 | 3 | 4 | 5 or more |

13. What is the highest grade of school your mother completed?

| 034 | |
|---|
| **(Mark one)** |
| 00 | Never attended school |
| 1 | 2 | 3 | 4 | 5 | 6 | Grades 1 to 12 |
| 7 | 8 | 9 | 10 | 11 | 12 | College (academic years) |
| 1 | 2 | 3 | 4 | 5 or more |

14. In March 1973, were you enrolled in regular school?

| 035 | |
|---|
| 1 | Yes (Skip to question 19b) |
| 2 | No |

FORM OCS-1 (2-20-73)
15. In March 1973, what was the highest grade of school you had COMPLETED?
   - Do NOT INCLUDE business, vocational, technical training, apprenticeships, or on-the-job training.
   - [ ] Never attended school (Skip to question 18)
   - [ ] 1st grade
   - [ ] 2nd grade
   - [ ] 3rd grade
   - [ ] 4th grade
   - [ ] 5th grade
   - [ ] 6th grade
   - [ ] 7th grade
   - [ ] 8th grade
   - [ ] 9th grade
   - [ ] 10th grade
   - [ ] 11th grade
   - [ ] 12th grade
   - Grades 1 to 12 (Skip to question 17)
   - [ ] College (academic years)

16a. What was the name and address of the college or university you LAST ATTENDED?

16b. What was your field of specialization?

17. In what month and year did you COMPLETE your highest grade of school?

18. Describe the FIRST, FULL-TIME CIVILIAN JOB you had AFTER you completed your highest grade in school.
   - Do INCLUDE full-time work in a family business or farm even if you were working without pay.
   - Do NOT COUNT Military Service.
   - a. In what kind of business or industry was this?
   - b. Was this mainly manufacturing, wholesale trade, retail trade, or something else?
   - c. What kind of work were you doing?
   - d. What were your most important activities or duties?
   - e. Were you –
     - [ ] An employee of a PRIVATE company, business or individual for wages, salary, or commissions?
     - [ ] A GOVERNMENT employee (Federal, State, county, or local government)?
     - Self-employed in OWN business, professional practice, or farm?
     - Own business not incorporated (or farm)
     - Own business incorporated
     - Working WITHOUT PAY in a family business or farm?

19. In what month and year did you BEGIN this job? (Report the month and year in which you ACTUALLY began this job, even if you started the job before you completed your highest grade in school.)
19a. BEFORE you completed your highest grade in regular school, did you ever DISCONTINUE YOUR SCHOOLING FOR SIX MONTHS OR MORE?
   - Be sure to include ALL six-month interruptions for Military Service, between high school and college, etc.

b. What was the highest grade you had completed the FIRST time you discontinued schooling for six months or more? .........

20. Have you ever been on active service in the U.S. Armed Forces or spent at least two months on active duty for training in the Reserves or National Guard?

21. What is the highest grade of regular school you had completed BEFORE YOU FIRST ENTERED active military service?

22. When did you FIRST enter active military service? ......... (Month) ......... (Year)

23. What was the date of your LAST separation from active service?
   - DO NOT COUNT Reserves, National Guard, etc., after active service.

24. We have asked about your first civilian job. Now think back to March 1962.
a. In March 1962, were you working at a civilian job or business (full time or part time)? .........
   - DO NOT COUNT Military Service.
b. What kind of business or industry was this? ..................

(For example: TV and radio mfg., retail shoe store, State Labor Department, farm)
24. Continued –
   c. Was this mainly manufacturing, wholesale trade, retail trade, or something else?

   1 □ Manufacturing  3 □ Retail trade
   2 □ Wholesale trade  4 □ Something else

   d. What kind of work were you doing?  
   (For example: electrical engineer, stock clerk, farmer)

   e. What were your most important activities or duties?  
   (For example: kept account books, filed, sold cars, operated printing press, finished concrete)

   f. Were you  
   (Mark one)
   1 □ An employee of a PRIVATE company, business, or individual for wages, salary, or commissions?
   2 □ A GOVERNMENT employee (Federal, State, county, or local government)?
      Self-employed in OWN business, professional practice, or farm?
   3 □ Own business not incorporated (or farm)  4 □ Own business incorporated
   5 □ Working WITHOUT PAY in a family business or farm?

25. Do you NOW belong to a labor union?
   1 □ Yes  2 □ No

26. Have you EVER been married?
   1 □ Yes  (Skip to question 35)
   2 □ No  

27. When did you FIRST get married?
   ________ (Month) ________ (Year)

28. Are you now married?
   1 □ Yes (Please answer questions 29–34 concerning your present marriage.)
   2 □ No (Skip to question 35)

29. Is this your FIRST marriage?
   1 □ Yes  2 □ No

30. NUMBER OF WIFE’S BROTHERS AND SISTERS
   a. How many brothers did your wife have?  
      If you are not sure of the answers to items 30a–34, please ask your wife for the information.
      ________ (Number)
      OR
      00 □ None

   b. How many sisters did your wife have?  
      ________ (Number)
      OR
      00 □ None

31a. Was your wife living with both her parents most of the time up to age 16?  
   1 □ Yes (Skip to question 32)
   2 □ No

   b. If "No" above, who was the head of her family?  
      (Mark one)
      1 □ Father  2 □ Mother  3 □ Other male  4 □ Other female

FORM OCS-1 12-20-73
Page 7

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32. Now we would like to find out what kind of work your wife's father did when she was about 16 years old. If she was not living with her father, please answer for the person marked in question 31b.

a. In what kind of business or industry did he work?

b. Was this mainly manufacturing, wholesale trade, retail trade, or something else?

<table>
<thead>
<tr>
<th>Year</th>
<th>1960</th>
<th>1970</th>
</tr>
</thead>
<tbody>
<tr>
<td>072</td>
<td></td>
<td></td>
</tr>
<tr>
<td>073</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(For example: TV and radio mfg., retail shoe store, State Labor Department, farm)

- 1 Manufacturing
- 2 Wholesale trade
- 3 Retail trade
- 4 Something else

<table>
<thead>
<tr>
<th>Year</th>
<th>1960</th>
<th>1970</th>
</tr>
</thead>
<tbody>
<tr>
<td>074</td>
<td></td>
<td></td>
</tr>
<tr>
<td>075</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(For example: electrical engineer, stock clerk, farmer)

- 1 An employee of a PRIVATE company, business, or individual for wages, salary, or commissions?
- 2 A GOVERNMENT employee (Federal, State, county, or local government?)
  - Self-employed in his OWN business, professional practice or farm?
    - 3 Own business not incorporated (or farm)
    - 4 Own business incorporated

f. Did her father (or the person marked in question 31b) USUALLY WORK when your wife was about 16 years of age?

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>076</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

33. What is the highest grade of school your wife's father (or the person checked in question 31b) completed?

- If you are not sure, please ask your wife for the information, or, make a guess.

(Mark one)

<table>
<thead>
<tr>
<th>Grades</th>
<th>1 to 12</th>
<th>5 or more (academic years)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Never attended school</td>
<td></td>
</tr>
<tr>
<td>069</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- 1 to 12
- 5 or more (academic years)

34. What is the highest grade of school your wife's mother completed?

- If you are not sure, please ask your wife, or, make a guess.

(Mark one)

<table>
<thead>
<tr>
<th>Grades</th>
<th>1 to 12</th>
<th>5 or more (academic years)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>090</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

35. Please write in your telephone number in case it is necessary for us to contact you.

Area code: Telephone number

36. What is the name of the person filling in this form?

Name

(Mark one)

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>081</td>
<td></td>
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<td></td>
<td>S</td>
<td>P</td>
</tr>
</tbody>
</table>

SPU
YEARS OF SCHOOL COMPLETED BY MEN 20–64 YEARS OF AGE, BY YEARS OF SCHOOL COMPLETED BY FATHER AND FATHER’S OCCUPATION, FOR THE UNITED STATES

(Example of statistical results from the March, 1962
Survey of Occupational Changes in a Generation)

<table>
<thead>
<tr>
<th>Age of men, years of school completed by father and father’s occupation</th>
<th>Total number (Thousands)</th>
<th>Years of school completed by men</th>
<th>College – less than 1 year</th>
<th>College – 1 year or more</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Number</td>
<td>Percent</td>
<td>Number</td>
</tr>
<tr>
<td>TOTAL MEN 20 TO 64 YEARS OLD</td>
<td>44,981</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Father – less than 1 year college</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White collar</td>
<td>35,995</td>
<td>28,378</td>
<td>78.8</td>
<td>7,634</td>
</tr>
<tr>
<td>Manual and service</td>
<td>12,089</td>
<td>7,985</td>
<td>66.1</td>
<td>4,088</td>
</tr>
<tr>
<td>Farm</td>
<td>12,003</td>
<td>9,763</td>
<td>81.3</td>
<td>2,232</td>
</tr>
<tr>
<td></td>
<td>10,335</td>
<td>9,245</td>
<td>89.5</td>
<td>1,081</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Father – college 1 year or more</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White collar</td>
<td>3,888</td>
<td>1,198</td>
<td>30.8</td>
<td>2,698</td>
</tr>
<tr>
<td>Manual and service</td>
<td>3,050</td>
<td>738</td>
<td>24.2</td>
<td>2,312</td>
</tr>
<tr>
<td>Farm</td>
<td>383</td>
<td>220</td>
<td>57.5</td>
<td>163</td>
</tr>
<tr>
<td></td>
<td>343</td>
<td>194</td>
<td>56.5</td>
<td>152</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Father’s education not available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White collar</td>
<td>5,098</td>
<td>4,619</td>
<td>90.6</td>
<td>479</td>
</tr>
<tr>
<td>Manual and service</td>
<td>1,335</td>
<td>1,097</td>
<td>82.2</td>
<td>236</td>
</tr>
<tr>
<td>Farm</td>
<td>1,395</td>
<td>1,283</td>
<td>92.0</td>
<td>109</td>
</tr>
<tr>
<td></td>
<td>1,424</td>
<td>1,364</td>
<td>95.8</td>
<td>60</td>
</tr>
</tbody>
</table>


Notice that no fact relating to any individual can be determined from the statistical summary shown above. In such a way, each person reporting remains anonymous, and can be assured that his answers to our questionnaire will always remain confidential.
Date: March 20, 1973

OOG INT MEMO 73-1

To: OCG Interviewers

From: Richard C. Burt
Chief, Field Division

Subject: Interviewer Instructions and Home Study Exercises for the Survey on Occupational Changes in a Generation (OOG) (Project 9496)

Section I - Instructions
Section II - Home Study Exercises

Section I - Instructions

A. General

During April and May the first phase of the National Occupational Changes in a Generation (OOG) Survey will be conducted. The second phase will take place in October and November. This survey, sponsored by the National Science Foundation, is designed to determine the reasons for changes in occupation from one generation to the next. A similar study was conducted in 1962. The sample persons for this first phase will be Negro males ages 20 through 65 inclusive. The instructions provided below pertain to this first phase only.

All sample households in the OOG Survey were selected from past CPS samples or are currently in the CPS sample (but are between their four month enumeration periods). None of these households, however, have been interviewed using a March CPS-1 document.

B. Training

You are authorized up to four hours for studying these instructions and completing the home study exercises included in Section II. Charge this time to Project 9496, Operation Code 22. After completing the exercises, correct them yourself. Send the Summary Sheet to your DCC by the date specified. If
you have any questions that this memorandum does not cover, call your OCG supervisor for clarification before beginning to interview.

C. Advance "Dear Friend" Letters

Your DCC will mail Advance "Dear Friend" letters to the households you will be contacting. You will have extra letters to show respondents should you determine that they have never received one.

D. Specific Instructions for Interviewing

Do not begin interviewing until you have completed your home study. April 2 is the earliest date on which you are to visit each household for which you have a CPS Control Card photocopy. At the household you will:

- Introduce yourself and the OCG Survey
- Update the Control Card photocopy for that household
- Interview the entire household (except children under the age of 14) using the March 1973 CPS-1
- Ask the OCG-1 questionnaire for all eligible OCG sample persons (i.e., Negro males 20 through 65)

D.1. Introduction

Your introduction for the Survey of Occupational Changes in a Generation should be similar to the following:

"I am Mrs. _____ from the United States Bureau of the Census. We are conducting a survey regarding the occupations of fathers and their sons. The information we are gathering will help us to learn what factors lead to a man's occupational success, so that all can benefit from this knowledge. I have some questions to ask you."

You may hand the respondent a copy of the Advance "Dear Friend" letter. If a respondent mentions that her household has already participated in a Census Bureau survey, assure her that this is a survey on a different subject. You may hand the respondent a sheet (OCG-3) illustrating the statistical results from a similar survey on occupational changes, conducted in 1962. This sheet is also useful in stressing the confidentiality of each person's information.
The following detailed explanation will provide you with a fuller understanding of the purpose of the OCG Survey. You may use any part of it in explaining the survey to respondents:

The National Science Foundation is trying to obtain data on job opportunity in today's society as compared to conditions over a decade ago. One of the major focuses of this study is on jobs—particularly on how the job situation and chances for advancement are changing for people today as compared with their parents. As a result, most of the survey items pertain to persons' backgrounds—their parents' regular schooling, training in the military, and early work experiences. Coupled with recent information regarding the family's labor force and income status, we will have a more complete picture, better enabling us to help our sons and the next generation in their career goals.

The Occupational Changes in a Generation Survey will help to determine:

- The extent to which a person's background helped or handicapped current employment and earnings.

- Whether people from different backgrounds have an equal chance to get ahead.

- If post-high school education is available to all who wish it, regardless of family circumstances.

- Whether training in the military helps men to get better civilian jobs than they would obtain otherwise.

- Whether all schools are successful in preparing people for better jobs. Is a college diploma from one college more valuable (say in terms of subsequent earnings) than one from another college?

- The kinds of jobs which are more likely to offer advancement.

By comparing the results of this OCG Survey with a similar study conducted in 1962, the sponsors will explore many trends in job opportunity: Is there more opportunity today than a decade ago? Is America more
open to mobility now? Answers to these and similar questions are vital to educational and employment policies which will affect the new generations and give some indication of what conditions might prevail in the future, for today's young people.

Finally, the survey collects information from a broad cross-section of the population, representing different regions, ages, ethnic origins, and socio-economic circumstances. This complete representation is necessary in order to answer the various questions raised with any accuracy. Since this is a sample survey, it is essential to have the cooperation of the persons contacted.

D.2. Updating CPS Control Card Photocopy

Update the Control Card photocopy for the household by asking item 15b. Do not circle anything in item 15c, but adjust item 14a accordingly. Obtain information for Control Card items 13, 14b, 14c, and 17 through 24 for any additional persons living in the household, as of the date of interview. If you discover a person has left the household, draw a line through the person's entire line. If the household on the Control Card photocopy has been replaced, fill out a new CPS-260 Control Card dated 8/25/72 for the unit, and complete Control Card items 5, 6, 7, 9, 10-24b only. Attach the Control Card photocopy for the unit behind the replacement household's Control Card. Do not follow movers. (NOTE: Items 16, 32 and 33 do not appear on the Control Card photocopies.)

D.3. Interviewing the Household

After updating the Control Card, determine if there are any Negro males (Control Card items 20 and 21) who are between the ages of 20 and 65 inclusive (Control Card items 17 and 18).

a. If there are civilian Negro males 20-65 years old in the household:

- Fill items 3 and 12 on the CPS-1 by transcription from Control Card items 6 and 13 respectively before interviewing the household. Also fill CPS-1 item 4 (Type of Living Quarters) at this time, by observation or probing. Complete the entire March 1973 CPS-1 for that household with any responsible household member age 14+ (including the OCG sample person), asking the CPS-1 questions always in reference to LAST WEEK (i.e., for
the period of Sunday through Saturday, one week previous to the date of interview. Collect CPS-1 information for all civilian noninstitutional household members 14+. For Armed Forces members living at home, ask CPS-1 income supplement items 45-48e only.

The CPS-581 (income follow-up form) will not be used for the OCG Survey; thus, do not fill CPS-1 item 54. If you find that certain income or other information is temporarily unavailable, you may arrange to get this information on a telephone callback. However, the bulk of the CPS-1 items must be filled during a personal visit to the household. You may refer to your March 1973 CPS instructions for details on filling the CPS-1 supplemental items.

- Fill in an OCG-1 questionnaire for each civilian Negro male age 20-65 (Armed Forces members are not to have an OCG-1 filled for them). Enter the sample person's full name (first, middle, last) on the OCG-1 and transcribe the PSU, Segment number, serial number and line number from the sample person's Control Card to the cover page of the OCG-1. Enter your DCC's code (leaving off the two zeroes to the right of the number). Note the unlabeled box between the serial and line number boxes on the OCG-1. Do not enter anything in this space as it will be used later by your DCC. Also do not make any marks in the space provided for current job codes, located below the identification information section.

- If the sample person is at home when you visit the household, interview the sample person for himself using the OCG-1. Do not interview anyone else for his OCG-1 information. If more than one sample person is in the household you must interview each one separately for his own OCG-1 information. If, in personally interviewing the sample person for OCG information you find that certain information is temporarily unavailable, you may arrange to obtain this information during a telephone callback.
If the sample male is not at home when you visit the household, leave an OCG-1 with only the name of the sample person entered on the cover page and set up an appointment to obtain the OCG-1 information by telephone callback at a time when the sample person is expected to be at home. Enter the arranged date and hour in the notes section of the Control Card (item 28e), preceding it with the initials, "OCG." Ask the respondent to give the OCG-1 to the sample person so that he will be familiar with the questions when you telephone back. Slip the Control Card and the OCG-1 (on which the identification information is filled) into the CPS-1 for the household. If a telephone arrangement cannot be made, as a last resort arrange to revisit the household at a time when the sample person is expected to be at home.

b. If there are no Negro males 20-65 years in the household, consider the household noninterview (see paragraph D.6, page 7).

c. In all cases a CPS-1 must be filled before completing any OCG-1's for members of the household.

D.4. No one home

If no one is at home when you first visit the household, try again a little later if you have other households to visit in the area. If after repeated attempts you find no one over 14 years of age at home, or if you have no other households in that area to visit, leave a pink "Request for Appointment" slip (CPS 11-38) to let the household know the day and time when you will be in the area again. In all cases, the first contact with the household must be by personal visit. If all attempts to visit the household fail treat the household as a noninterview (on the CPS-1). No OCG-1 should be completed for this household.

D.5. Telephone Callbacks

The telephone may be used for two purposes. The first is to obtain any missing information on the CPS-1 that was temporarily unavailable. The second use is to telephone OCG sample persons for their OCG information if they were unavailable for interview at the time of the initial visit. When you call these sample persons, ask them to follow along on the OCG-1 that you left for them, if it is handy.
If you receive a refusal or are unable to reach the person, consider the case a noninterview for the OCG-1 and proceed as directed below in section D.6b.

D.6. Noninterviews

There are two basic types of noninterview situations; one in which the entire household is noninterview (for both the CPS-1 and OCG-1), and the other in which only the sample person is noninterview (for the OCG-1).

a. Household is Noninterview

A noninterview household situation may arise for a number of reasons, all of which are specified in item 14 on the CPS-1. If a household is noninterview, the procedure to follow is:

- Fill out the CPS-1 according to regular CPS noninterview procedures. For households which are noninterview because there are no Negro males between 20 and 64 years of age in the household, mark the "Other-occup." circle in CPS-1 item 14 and enter the reason. (Example: "Other-occup. - No Negroes in replacement household" or "Other-occup. - No males 20-65 in Negro household."

- Do not fill any OCG-1's for the household.

- Put the Control Card into the CPS-1 for that household, to be sent to your DCC.

b. Sample person is Noninterview

A noninterview on only the OCG-1 may occur because you are unable to contact the sample person, or if the sample person refuses to be interviewed. If either of these situations occur, proceed as follows:

- Take the OCG-1 on which you have already entered the identification information for the sample person (at the time of the CPS-1 interview). In the "Notes" space on the OCG-1, enter the reason (Example: "Noninterview - Unable to contact person," or "Noninterview - Refused"). Be specific; do not just enter "noninterview."

- Put the Control Card and the OCG-1 for the person inside the CPS-1 filled for that household, and send them back to your office.
You will be using the OCG-1 for personal interviewing. Since the OCG-1 is designed primarily as a mail questionnaire to be used during the fall of this year, a slight rewording of the questions is necessary for conducting the personal interviews during April and May. However, unless otherwise directed, ask all questions exactly as worded. Any changes in wording, necessary probes, or explanations of how to mark unusual replies will be indicated in the following paragraphs. The reason for not rewording or otherwise helping the respondent to better answer the OCG-1 items (except where specifically directed) is because we are interested in applying the same procedures to all OCG sample persons. Since the bulk of the OCG sample will be mailed OCG-1 questionnaires for self-enumeration in the fall of this year (where no interviewer is available to explain anything to the sample person) we are attempting to duplicate this situation as much as possible for the personal visits to be conducted during April and May. Thus, even responses to occupation and industry questions on the OCG-1 should not be probed, and should be recorded verbatim.

Hand the sample person a blank OCG-1 questionnaire in order to follow along as you ask the OCG-1 questions. If you are asking the OCG-1 items over the telephone (see paragraph D.5), ask the identified person if he has an OCG-1 questionnaire in order to follow along. The extent of explanation of items for telephone interviews has been included in the description of the specific items below. Be sure to follow the appropriate skip patterns indicated next to a number of answers on the OCG-1. If no skip instruction is indicated, automatically ask the following question.

Where were you born?

After reading the question, without pausing add, "in the United States or in some other country?" Pause for a response and mark the appropriate box. Then ask, "Which State?" or "Which country?" and enter the response in the appropriate space.
In what country was your father (mother) born?

These questions are similar to question 1, and are to be filled in the same manner.

What is the original nationality of your family on your FATHER'S side? That is, what was it before coming to the United States?

If multiple origins (such as Western Africa/America) are mentioned, enter them as given. Enter the respondent's response verbatim. Thus, entries such as "Africa" or "American" are acceptable. If a respondent asks for a definition of "original nationality," just tell him that such responses as "Polish, German, Spanish or Russian" are acceptable. For telephone interviews, read the examples of ethnic origins as given in the answer box.

NUMBER OF BROTHERS AND SISTERS

5a How many sisters did you have?

In asking item 5a, add the parenthetical phrase, rephrasing it slightly to read: Count those born alive but no longer living as well as those alive now. Also include stepsisters and children adopted by your parents.

5b How many of these sisters were older than you (born earlier)?

Do not read the phrase in parentheses (born earlier). It is only for explanation. For telephone interviews, however, rephrase item 5b to read, "How many of these sisters were older than you, that is, born earlier?"

If you enter "1" in item 5a, rephrase item 5b to read, "Was your sister older than you?"

5c How many brothers did you have?

In asking item 5c, add the parenthetical phrase appearing under the title of item 5, rewording it similar to the way it was worded for item 5a.
5d

How many of these brothers were older than you (born earlier)?

Rephrase similar to the wording in item 5b.

6a

Did any of your brothers live to age 25?

Include the parenthetical phrase beneath this item when asking the question.

6b

Please indicate the highest grade of school completed by the OLDEST of your brothers who lived to age 25.

Ask the respondent, "What is the highest grade of school completed by the OLDEST of your brothers who lived to age 25?" Mark the "never attended" box if the oldest brother never attended school, only attended kindergarten, or did not complete first grade.

1. If the respondent is not sure of his answer, ask him to make a guess (estimate).

2. If the respondent answers that the oldest brother "attended" rather than "completed" a certain grade, probe to determine if the grade was completed. If the grade was not completed, mark the grade one lower than the one mentioned.

3. If a respondent mentions that his brother completed a certain number of years of college, record only the academic years completed, not the actual number of years the brother attended.

4. If a respondent answers, "completed college," determine if the college was a two- or four-year college.

6c

Please indicate the highest grade of school completed by the YOUNGEST of your brothers who lived to age 25.

Follow the instructions for item 6b. For respondents mentioning that only one brother lived to age 25, mark the "Only one brother who lived to age 25" box, and skip to question 7.
Where were you living when you were 16 years old?

Read the first two choices (i.e., "Where were you living when you were 16 years old—in the same community as at the present time, or in a different community?"). Pause for a response, marking the first box if the respondent replies that it is the same community. If the respondent replies it is a different community, have him choose the correct answer from the choices listed to the right of item 7, without reading to him the list of choices. (NOTE: If you are conducting a telephone interview, and the person responds, "in a different community," read him the list of choices, and mark the appropriate box.) If the respondent is not sure of the population of the area in which he lived, write in the question box the name of the city, town or rural area.

Were you living with both your parents most of the time up to age 16?

Follow skip instructions as directed.

If "No" above, who was the head of your family?

If the respondent responds "No" ask him "Who was the head of your family?" Read only the question and ask the respondent to choose an appropriate answer from the list printed to the right of the question. If you are conducting a telephone interview, however, read him the list of answers, pausing after each for a response of "Yes" or "No." Mark the first category for which you receive a "Yes" response.

When you were about 16 years old what was your family's annual income?

For telephone respondents not following along on a questionnaire, pause after asking the question, waiting for a response. If the respondent is hesitant about revealing his family's income at that time, read some of the categories, i.e., "Was it between 4 and 5 thousand?" until the respondent gives you an answer. For all other respondents, ask them to pick one of the income groups listed. If a person is unsure of his family's income at that time, ask him to guess.
In what year was your father (or the person marked in question 8b) born?

Ask item 10, deleting the phrase "or the person marked in question 8b." If item 8b is filled and there is an entry other than "father," rephrase item 10 substituting the person marked in question 8b for the word "father." (Example: If a respondent answered, "aunt" in item 8b and you marked the "other female" box, ask item 10 as follows - "In what year was your aunt born?"

Now we would like to find out what kind of work your father did when you were about 16 years old.

Read the first sentence of the introduction to item 11 to the respondent. If there is an entry in item 8b and it is other than "father," rephrase the first sentence as is done for item 10, using the appropriate wording.

In what kind of business or industry did he work?

Read the examples provided on the right for persons who do not understand the question and for telephone interviews. Always enter the person's response verbatim. Do not probe for any of the occupation and industry entries; always accept the initial response. (For persons with an entry of "Mother" or "Other female" in item 8b, rephrase the question, substituting "she" for "he." For telephone interviews, read the example provided. The boxes provided on the top of this item and other occupation and industry items are for office use and therefore should be left blank.

Was this mainly manufacturing, wholesale trade, retail trade, or something else?

What kind of work was he doing?

Read the examples for persons who do not understand the question and for telephone interviews. Accept the respondent's response verbatim.

What were his most important activities or duties?

Read the examples if necessary, and for all telephone interviews. Enter the person's response verbatim.
Item Number

11e  - Was he -

Ask the necessary questions to ascertain the answer for this item. If the respondent already mentioned that he worked for the government or private industry, mark this item without asking.

11f  - Did your father (or the person marked in question 8b) usually work when you were about 16 years of age?

Ask item 11f leaving out the phrase, "or the person marked in question 8b." If item 8b is filled and there is an entry of other than "father," rephrase 11f as is done for item 10, using the appropriate wording.

12  - What is the highest grade of school your father (or the person marked in 8b) completed?

Ask item 12 for the father, or the person marked in item 8b if there is an entry and it is other than "father." Fill item 12 according to the explanations for item 6b.

13  - What is the highest grade of school your mother completed?

Ask item 12 for the mother, according to points one through four in the explanations for item 6b. If "mother" was marked in item 8b (and therefore item 12 has been filled for "mother"), do not fill item 13.

14  - In March 1973, were you enrolled in regular school?

Ask item 14, including the sentence below the question. Skip to item 19a if "Yes" is marked.

15  - In March 1973, what was the highest grade of school you had completed?

Ask item 15 including the parenthetical phrase below the question, and fill according to the explanations for item 6b.

Skip to item 17 if the grade level you mark is between 1 and 12. Skip to item 18 if the person never attended
school, just attended kindergarten or never completed first grade. If the grade level marked is between college 1 and college 5 or more, ask item 16a next.

16a

What was the name and address of the college or university you LAST ATTENDED?

16b

What was your field of specialization?

Read the examples especially if you are interviewing by telephone.

17

In what month and year did you COMPLETE your highest grade of school?

You may abbreviate the month entry.

18

Describe the FIRST, FULL-TIME CIVILIAN JOB you had AFTER you completed your highest grade in school.

Rephrase item 19 to read, "Now we are interested in the first, full-time civilian job you had after you completed your highest grade in school." Also read the parenthetical phrases appearing below the item. If the respondent tells you that he never worked, or never worked at a full-time civilian job since completing his highest grade in school, mark the appropriate box and skip to item 19a. Otherwise, continue with item 18a. If during a telephone interview a respondent tells you he never worked, determine if he means that he never worked at a full-time job or that he hasn't worked on any job since completing his highest grade of school.

Ask these occupation and industry items in the same manner as directed for OCG-1 items 11a-11e.

18a-18e

18f

In what month and year did you BEGIN this job?

Include the parenthetical statement in asking this item. You may abbreviate the month entry.

19a

BEFORE you completed your highest grade in regular school, did you ever DISCONTINUE YOUR SCHOOLING FOR SIX MONTHS OR MORE?

Ask this item including the parenthetical statement below it.
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Item Number

19b What was the highest grade you had completed the FIRST time you discontinued schooling for six months or more?
Fill item 19b according to the rules presented for item 6b.

19c In what month and year did this FIRST interruption begin?

20 Have you ever been on active service in the U.S. Armed Forces or spent at least two months on active duty for training in the Reserves or National Guard?

21 What is the highest grade of regular school you had completed BEFORE YOU FIRST ENTERED active military service?
Mark item 21 according to the rules presented for item 6b.

22 When did you FIRST enter active military service?

23 What was the date of your LAST separation from active service?
Ask item 23 including the parenthetical statement below the question.

24a We have asked about your first civilian job. Now think back to March 1962. In March 1962, were you working at a civilian job or business (full-time or part-time)?
Ask item 24a adding the parenthetical phrase below the item.

24b-24f Ask these occupation and industry items in the same manner as directed for OCG-1 items 11a-11a.

25 Do you now belong to a labor union?

26 Have you EVER been married?

27 When did you FIRST get married?
Are you now married?

Is this your FIRST marriage?

NUMBER OF WIFE'S BROTHERS AND SISTERS

How many brothers did your wife have?

If the respondent has any difficulty answering this item or the following items (30b-34) about the wife's family, or if you are interviewing by telephone, ask the respondent to consult with his wife for the information.

How many sisters did your wife have?

Was your wife living with both her parents most of the time up to age 16?

If "No" above, who was the head of her family?

Ask item 31b of respondents with a "No" in item 31a, deleting the introduction "If No above." If you are interviewing on the telephone where the respondent is not following along on a questionnaire, read the list of answers.

Now we would like to find out what kind of work your wife's father did when she was about 16 years old. (If she was not living with her father, please answer for the person marked in question 31b.)

Read the first sentence of the above statement to the respondent, unless a person other than "father" has been marked in item 31b. In such a case, substitute the person marked in item 31b for the word "father." (If the respondent does not understand what the question means, tell him that the word "she" in the sentence ("Now we would like to find out what kind of work your wife's _____ did when she was about 16 years old) means "Your wife.").

Ask these occupation and industry items in the same manner as directed for OCG-1 items 11a-11e.
Did her father (or the person marked in question 31b) usually work when your wife was about 16 years of age?

Ask item 32f leaving out the phrase "or the person marked in question 31b." If there is an entry of other than "father" in item 31b, rephrase item 32f as is done for item 32, using the appropriate wording.

What is the highest grade of school your wife's father (or the person checked in question 31b) completed?

Ask item 33 leaving out the phrase "or the person checked in question 31b." If a box other than "father" is marked in item 31b, rephrase item 33 as is done for item 32, using the appropriate wording. Fill according to the explanation for item 6b.

What is the highest grade of school your wife's mother completed?

Fill according to points presented in the explanation of item 6b.

Please write in your telephone number in case it is necessary for us to contact you.

Rephrase this question to read, "What is your telephone number in case it is necessary for us to contact you?" Enter both area code and telephone number.

What is the name of the person filling this form?

Fill item 36 without asking the question. Enter the name of the person who responded to the OCG items. For this first phase of the OCG Survey, it should be the sample person's name.

After completing the interview, quickly review the completed OCG-1 to verify that all applicable items have been filled and that no items have been incorrectly marked (i.e., multiple entries). If you discover any errors or omissions, obtain the correct information at that time.

Thank the respondent for his cooperation.
At home, or in your car, review OCG-1 items 11a-11e only (kind of work person's father did) and items 18a-18e only (first full-time job after leaving school) for the completeness of the entries. If either of these two sets of occupation and industry items are blank the required information must be obtained.

As a guide to determining if the entries for these two items are adequate, the following list of categories are presented below. These guides for determining adequacy are different from the standard practice. They are to be used for the OCG Survey only, and do not apply to any other survey.

- **Farm worker.**—If it is clear that the person did farm work, regardless of the type, the entries for the item are to be considered adequate. For this purpose, it is not necessary to know whether he owned his own farm, did farm work for pay, or was an unpaid family helper.

- **Professional worker.**—If the person is reported as some type of professional worker such as physician, dentist, veterinarian, teacher, engineer, lawyer, clergyman, etc., it is important to know whether the person was self-employed or not. You can determine this from the class of worker entry (part "a" of the item), or from write-ins in the item. The entries in this item are to be considered adequate even if "industry" (parts "a" and "b") is blank.

- **Craftsmen.**—If the person is reported as some kind of craftsman or skilled worker, such as carpenter, bricklayer, barber, machinist, mechanic, or repairman (whether or not the type is specified), accept the entry even if the industry (parts "a" and "b") and class of worker (part "e") are not reported.

- **Proprietor or manager.**—If it is evident that the person was the proprietor or manager of a manufacturing plant, retail or wholesale establishment, service enterprise, or other facility, accept the entry even if the precise type of establishment is not given. For example, an entry of "proprietor - retail business" can be accepted. If it is not clear whether the person was a self-employed worker or a salaried official or manager, however, consider the combined entries for the item inadequate.
Factory worker.—For persons employed in manufacturing plants or factories, consider the entries adequate if you can determine from them that the person operated some kind of machine (even if the type is unspecified) or did some other specific task (inspector, packer) as opposed to those who report unskilled work such as laborer, loader, sweeper, etc.). In other words, any vague entries such as factory worker or mill hand would not be acceptable, but more specific entries such as machine operator, foreman or laborer, would be. If the entries meet the above specifications, consider them adequate even if the precise type of factory is not given.

Office worker.—Accept entries indicating the person did some type of office work, such as bookkeeper, office clerk, typist or shipping clerk, even if the type of business is not clearly indicated. Where you merely have an entry of "clerk," accept it if the other entries for the item are specific enough to determine whether it is an office job or a selling job.

Unskilled worker.—Accept entries indicating the person did some kind of unskilled work, such as laborer, odd job worker, yardsman, sweeper or domestic, even if the industry entries (parts "a" and "b") are blank.

Other types.—For other types of entries, judge whether the occupation entries (parts "c" and "d") are reasonably clear in the broad sense described above. If the occupation entries are omitted or inadequate but can be readily inferred from the industry entries (parts "a" and "b") or class-of-worker information (part "e"), accept the item as being adequate. For example, if occupation is blank but there is an entry of "own grocery store" in industry, you could accept this as indicating the person was a proprietor.

Entries in item 11 indicating that his father never worked because of some disability—feeble-mindedness or hopelessly crippled or entries in item 18 which indicate that the man is incapacitated and has never worked—should be accepted as adequate. If, however,
there is an entry in item 11 such as "father deceased," or "father deserted family," etc., this would not be acceptable. In this case, the respondent should be recontacted to find out the kind of work done by the person who headed the respondent's family when he was age 16 (item 8b).

Reask all items determined to be inadequate on the OCG-1. You may telephone the sample person in order to correct the inadequacies.

E. CPS-1 Transcription items

Complete CPS-1 transcription items for everyone, except Armed Forces members living at home, and children 0-13 years of age. This includes the cover page of the CPS-1, page 3, and items 25-32 on each person's page (pages 4, 6, 8, and 10).

Mailing completed OCG material to the office

Keep the OCG-1, CPS-1, and Control Card for a household together. Do not send any material back to your office if it represents only a partial shipment for a household.

Send your completed materials to the DCC by inserting the Control Card photocopy and any other Control Cards used for the household as well as the OCG-1's used for the OCG sample persons in the household, into the CPS-1 for the household.

Send your completed OCG-1, CPS-1 questionnaires and Control Cards to your office on a flow basis. Your last shipment to the DCC is to be no later than the date specified on the 11-35.

G. Reinterview

A selected number of OCG households will be reinterviewed. The reinterview will be conducted during April and May.
SECTION II - HOME STUDY EXERCISES

SUMMARY SHEET

Instructions:

1. Complete exercises in Section II attached.

2. Correct exercises with Answer Key at end of Part A of Section II.

3. On this page, draw a line through the number of each exercise or part of an exercise you answered incorrectly.

4. Return this sheet to your DCC by the date specified above and retain Section II for reference.

1   16   29
2   17   30
3   18   31
4   19   32
5   20   33A
6   21   B
7   22   C
8   23   D
9   24   34
10  25   35
11  26A  36
12  B   37
13  C   
14  27   
15  28   

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SECTION II - HOME STUDY EXERCISES

Part A

Read the following items. Choose the best answers and mark the appropriate box. Mark only one box for each home-study question unless otherwise directed. If you have difficulty answering these questions, refer to your instructions. However, unless otherwise directed, attempt to complete these items without the aid of your instructions. After completing Part A, go on to Part B.

1. The main subject of the Survey of Occupational Changes in a Generation is the:
   a. □ Labor force status of men 20-65 years of age
   b. □ Differing occupations of men and women
   c. □ Types of occupations held by men today compared to those of their fathers
   d. □ Number of different occupations a man has throughout his lifetime

2. By conducting the Survey of Occupational Changes in a Generation we will be more informed about occupational trends which are necessary to plan for educational and job training programs.
   □ True □ False

3. You will be interviewing persons who have never received any literature about the Survey of Occupational Changes in a Generation.
   □ True □ False

4. Your first contact with the sample household must be by personal visit.
   □ True □ False

5. You are to update the Control Card photocopy (item 15b) so that the information is correct as of:
   a. □ The time of interview
   b. □ January 1, 1973
   c. □ March 17, 1973
   d. □ September 1, 1973
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6. If after updating the Control Card photocopy you determine that there are no OCG sample persons in the household (i.e., a civilian Negro male age 20-65) you should: (Mark all that apply)
   a. □ Consider the household a Type A (Other Occ.) noninterview
   b. □ Complete the CPS-1 for the household but no OCG-1
   c. □ Tear up the Control Card photocopy for the household
   d. □ None of the above

7. If after updating the Control Card photocopy you determine that there are two OCG sample persons in the household you should: (Mark all that apply)
   a. □ Fill out a CPS-1 for the household (including supplement), obtaining the information from any responsible household member 14+.
   b. □ After completing the CPS-1, fill out an OCG-1 for each OCG sample person, asking the information from any responsible household member 14+.
   c. □ After completing the CPS-1, fill out an OCG-1 for only the oldest OCG sample person in the household, asking the information from the OCG sample person himself.
   d. □ After completing the CPS-1, fill out an OCG-1 for each of the OCG sample persons, asking each of the sample males for his own information.

8. Persons for whom the CPS-1 questions are to be asked include: (Mark all that apply)
   a. □ All civilian noninstitutional male household members
   b. □ All civilian noninstitutional male household members age 14+
   c. □ All civilian noninstitutional male household members ages 20-65 only
   d. □ All civilian noninstitutional female household members age 14+
   e. □ All Armed Forces members living at home for CPS-1 income supplement items 45-48e only

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9. Persons to be asked the OCG-1 questionnaire include: (Mark all that apply)
   a. ☐ Civilian Negro males: all ages
   b. ☐ Civilian Negro males: 20-65 years of age
   c. ☐ Civilian Negro females: all ages
   d. ☐ Civilian Negro females: 20-65 years of age
   e. ☐ Negro male Armed Forces members: 20-65 years of age

10. You may interview any responsible household member age 14+ for CPS information, but only the sample person for his OCG-1 information.
    ☐ True ☐ False

11. If the OCG sample person is not at home when you visit you should:
    a. ☐ Make an appointment to obtain the OCG-1 information on a telephone callback
    b. ☐ Interview any responsible household member 14+ for the sample person's OCG information
    c. ☐ None of the above

12. You may telephone a household before attempting to personally visit it for the first time.
    ☐ True ☐ False

13. If you discover that the household for whom you have a CPS Control Card photocopy has moved and a new household has moved in, what should you do:
    a. ☐ Attempt to get the new address and telephone number for that original household and conduct a telephone interview with them
    b. ☐ Treat the new household as the OCG sample household
    c. ☐ None of the above

14. If after filling a new Control Card for a replacement household, you determine that the new occupants are all white, treat the household as a Type A, Other Occup. household on the CPS-1, supplying the reason, "Non-Negro household." No OCG-1 entries should be made.
    ☐ True ☐ False

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15. If a replacement household has any Negro members, obtain the appropriate CPS-1 and OCG-1 information.
   □ True      □ False

16. You must always fill a CPS-1 for a household, before completing any OCG-1 schedules.
   □ True      □ False

17. You may leave an OCG-1 questionnaire at the household if the sample person is not at home; the sample person is to complete the questionnaire and mail it to the DCC.
   □ True      □ False

18. When asking items on the OCG questionnaire in person or on the telephone, you should have the respondent follow along on a spare questionnaire if one is available.
   □ True      □ False

19. Ask all OCG-1 items exactly as worded.
   □ True      □ False

20. After completing the CPS-1 and OCG-1 questionnaires each day, you should hold them as well as their corresponding Control Card photocopy until you have completed your entire assignment; send everything back to your DCC in one shipment.
   □ True      □ False

21. If you are unable to obtain both CPS-1 and OCG-1 information for a particular household, you should not fill out any CPS-1 or OCG-1 schedules.
   □ True      □ False

22. If you fill out a CPS-1 for a household, but are unable to obtain any OCG-1 information for a particular person, you should not fill out any OCG-1 schedule for him.
   □ True      □ False
23. Mr. Jensen, in response to OCG item 1, tells you that he was born in Port of Spain, Trinidad. What should you enter in item 1?

1. Where were you born?
   - United States (Which State?)
   - Other country or U.S. possession (Which country?)
   - Name of foreign country; or Puerto Rico, Guam, etc.

24. Mr. Hammers, in response to OCG item 4, tells you during a personal visit that he does not understand what you mean by the term, "original nationality." What should you do?
   a. Explain that original nationality means the origin or descent of the person, or the person's ethnic lineage.
   b. Read the examples given in the answer box.
   c. Tell the respondent to answer according to whatever he thinks that definition is.
   d. Tell him it means latest country from which his relatives (present or deceased) moved from to the United States.

25. Mr. Young in response to OCG item 4, tells you that his original nationality is Jamaican and African. What should you enter in item 4?
   a. Jamaican
   b. African
   c. Jamaican/African

26. What box should you mark in OCG item 6b for the following cases:
   A. Brother Sam whose highest grade attended was 10th grade?
      a. 9th grade
      b. 10th grade
      c. Probe to determine if Sam completed the 10th grade
B. Brother Michael who completed his senior year in high school?
   a. ☐ 11th grade
   b. ☐ 12th grade
   c. ☑ None of the above

C. Brother Leroy who completed his first year of graduate school?
   a. ☐ 4 college
   b. ☐ 5 college or more
   c. ☑ None of the above

27. Mr. Robinson answers, in response to OCG item 7, that he lived in a
different community. What should you do? (Mr. Robinson is a telephone
respondent and does not have a questionnaire to follow along.)
   a. ☐ Circle the words "in a different community" in the answer
column.
   b. ☐ Ask the respondent for the name of the place where he lived,
and use your judgment in marking one of the boxes under the
title, "In a different community."
   c. ☐ Read down the list of possible answers, and mark the appropriate
box.
   d. ☐ None of the above.

28. Mr. Holt tells you, in response to OCG item 9, that he really does not
know his family's income at that time. What should you do?
   a. ☐ Leave item 9 blank
   b. ☐ Ask Mr. Holt to guess at an amount
   c. ☐ Mark the "no income" box

29. Mr. Hamilton tells you that the head of his family was his aunt, in
response to OCG-1 item 8b (head of family most of time up to age 16).
What should you mark in item 8b for Mr. Hamilton?
   a. ☐ Father
   b. ☑ Mother
   c. ☐ Other male
   d. ☐ Other female
30. How should you read OCG-1 item 11 for Mr. Hamilton?

31. The OCG-1 occupation and industry questions (items 11, 18, 24, and 32) are similar to the Current Population Survey's occupation and industry questions (CPS-1 item 23). In contrast to CPS procedures, for the OCG Survey you are to enter the respondent's answer without probing at this time even if the entries seem inadequate to you.

☐ True  ☐ False

32. When you are at home, reviewing your day's completed work, you are to determine the adequacy of occupation and industry items 11 and 18.

☐ True  ☐ False

33. Consider the following occupation and industry entries for items 11 and 18. By using the examples in Section I B.9, determine when the following combination of entries are adequate, or not. If they are inadequate, state what is needed to correct them.
**OCG INT MEMO 73-1**

<table>
<thead>
<tr>
<th>OCG Item Number</th>
<th>Entry</th>
<th>Mark one box for each item:</th>
<th>Adequate</th>
<th>Inadequate</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>a. photocopying</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. manufacturing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. manager</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. managed other employees</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. an employee of a PRIVATE company...</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>a. dental</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. something else</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. dentist</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. filled cavities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. (blank)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>a. mechanic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. (blank)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. fixing cars</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. (blank)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. an employee of a PRIVATE company...</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>a. office work</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. don't know</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. office work</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. doing office work</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. a GOVERNMENT employee...</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specify correction needed:
OGG INT MEMO 73-1

34. In response to OGG item 30a, Mr. Washington tells you that he's not sure of the number of brothers his wife had. What should you do?
   a. ☐ Ask Mr. Washington to guess
   b. ☐ Leave item 30a blank
   c. ☐ Ask Mr. Washington to check with his wife for the information

35. What should you enter in OGG item 36?
   a. ☐ Your name
   b. ☐ The sample person's name
   c. ☐ Leave item 36 blank

36. Complete the regular March 1973 CPS-1 transcription items for all household members.
   ☐ True ☐ False

37. Always keep the CPS Control Card photocopy, the CPS-1, and any OCG-1's for a particular household together, inside of the CPS-1.
   ☐ True ☐ False
SECTION II - Answer Key to Part A

1. c
2. True
3. False. An Advance "Dear Friend" letter has been sent by your office.
4. True
5. a
6. a, b
7. a, d
8. b, d, e
9. b
10. True
11. a
12. False
13. b
14. True
15. True
16. True
17. False. You are to telephone the household when the sample person is expected to return home, and ask all of the OCG-1 items of him while he follows along on the blank questionnaire you left at his home.
18. True
19. False. Certain items need to be reworded since the questions were designed for self-enumeration, not for personal interview.
20. False. You should not send any material back to your DCC, if it represents a partial shipment for that household. But, you should send back material for each completed household on a flow basis.
OCG INT MEMO 73-1
Answer Key to Part A

21. False. If the household is noninterview on the CPS-1, fill the CPS-1 according to regular CPS noninterview procedures. No OCG-1, however, should be filled for the household.

22. False. For the OCG-1, fill in the identification information on the cover page, and in the "Notes" space on the cover page enter "noninterview" and the reason.

23. Mark the "Other country..." box, and specify "Trinidad."

24. b

25. c

26. A. c. If upon probing you determine the 10th grade had been completed, mark the 10th grade box. If you find that Sam had not completed the 10th grade, mark the 9th grade box.
   B. b
   C. b

27. c

28. b

29. d

30. Now we would like to find out what kind of work your aunt did when you were about 16 years old.

31. True

32. True

33. A. adequate
   B. inadequate - need to know if self-employed or not (see I.D.9 - professional worker)
   C. adequate
   D. adequate

34. c

35. b

36. False. Complete CPS-1 transcription items for all household members except persons in the Armed Forces and children 0-13 years of age.

37. True
OCT INT MEMO 73-1

Part B (Practice Interviews)

The following practice interviews will help you to obtain a fuller understanding of the concepts and procedures used for the OCG Survey. Do not refer to your instructions when completing this part of the home study. After completing these interviews, check your answers, and reread those portions of Section I which relate to the items which you incorrectly marked.

Practice Interview Number 1:

Upon visiting the Johnson household, you introduce yourself and the survey, then proceed to update the CPS Control Card photcopy. You find that there is a Negro male between the ages of 20 and 65 in the household, so you complete a CPS-1 Questionnaire for the entire household. You are now ready to begin interviewing the sample person (i.e., the Negro male between the ages of 20 and 65) using the OCG-1. Take out a blank OCG-1 from your materials to enter the sample person's identification information and his responses to the OCG-1 questions.

The sample person's name is William A. Johnson. His household's Control Number is 110702507. His Line Number is 01. You are interviewing William himself during this visit to the household. You hand him a blank OCG-1 to follow along on as you ask the questions.

Item

1 I: Where were you born, in the United States or in some other country?
R: In the United States.
I: Which State?
R: New York.

2 I: In what country was your father born?
R: In the United States.
I: Which State?
R: Illinois.
Item

3 I: In what country was your mother born?
   R: In the United States.
   I: Which State?
   R: Georgia.

4 I: What is the original nationality of your family on your
   father's side? That is, what was it before coming to the
   United States?
   R: They were from Africa, but I don't know where.

5a I: How many sisters did you have? Count those born alive but
    no longer living, as well as those alive now. Also include
    stepsisters and children adopted by your parents.
   R: I had one sister.

5b I: Was your sister older than you?
   R: No. My sister is younger.

5c I: How many brothers did you have? Count those born alive
    but no longer living, as well as those alive now. Include
    stepbrothers and children adopted by your parents.
   R: Three.

5d I: How many of these brothers were older than you?
   R: Two of them are older.

6a I: Did any of your brothers live to age 25? Do not count
    yourself or brothers less than 25 years old.
   R: Yes, all three of my brothers.
Item

6b  I:  What is the highest grade of school completed by the oldest of your brothers who lived to age 25?
    R:  He went to his senior year of high school.
    I:  Did he complete his senior year?
    R:  No.

6c  I:  What is the highest grade of school completed by the youngest of your brothers who lived to age 25?
    R:  He's still going to school. He's in his second year of college.
    I:  Has he completed that year yet?
    R:  No.

7  I:  Where were you living when you were 16 years old - in the same community as at the present time, or in a different community?
    R:  In a different community.
    I:  Which one in the list would it be?
    R:  In a middle-sized city.

8a  I:  Were you living with both your parents most of the time up to age 16?
    R:  No. My father died when I was 7.

8b  I:  Who was the head of your family?
    R:  My mother.

9  I:  When you were about 16 years old, what was your family's annual income?
    R:  I don't know.

-35-
I: Would you guess it was between $3,000 and $4,000?
R: No, I'd say it was around $4,500.

10 I: In what year was your mother born?
R: She was born in 1920.

11 I: Now we would like to find out what kind of work your mother did when you were about 16 years old.

lla In what kind of business or industry did she work?
R: She was bookkeeper for a hardware store.

11b I: Was this mainly manufacturing, wholesale trade, retail trade, or something else?
R: It was retail trade.

11c I: What kind of work was she doing.
R: Bookkeeping.

11d I: What were her most important activities or duties?
R: Keeping books and paying bills.

11f I: Did your mother usually work when you were about 16 years of age?
R: Yes.

12 I: What is the highest grade of school your mother completed?
R: I think it was only the 11th grade. She left school in her senior year to marry my father.

14 I: In March 1973, were you enrolled in regular school?
Do not include business, vocational, technical training, apprenticeships, or on-the-job training.
R: No.

213
OGC INT MEMO 73-1

Item

15 I: In March 1973, what was the highest grade of school you had completed? Do not include business, vocational, technical training, apprenticeships, or on-the-job training.
R: I completed two years of college.

16a I: What was the name and address of the college or university you last attended?
R: City College--CCNY; located in Manhattan, N.Y.

16b I: What was your field of specialization?
R: I didn't have any.

17 I: In what month and year did you complete your highest grade of school?
R: June 1966.

18 I: Now we are interested in the first full-time civilian job you had after you completed your highest grade in school. Include full-time work in a family business or farm, even if you were working without pay. Do not count military service.

18a What kind of business or industry was this?
R: The State Water Authority.

18b I: Was this mainly manufacturing, wholesale trade, retail trade or something else?
R: It's State government.

18c I: What kind of work were you doing?
R: Cartographic.
18d I: What were your most important activities or duties?
R: Making charts.

18f I: In what month and year did you begin this job? Report the month and year in which you actually began this job, even if you started the job before you completed your highest grade in school.
R: It was in April 1966.

19a I: Before you completed your highest grade in regular school, did you ever discontinue your schooling for six months or more? Be sure to include all six-month interruptions for military service between high school and college, etc.
R: No.

20 I: Have you ever been on active service in the U.S. Armed Forces or spent at least two months on active duty for training in the Reserves or National Guard?
R: No.

24 I: We have asked about your first civilian job. Now think back to March 1962.
24a In March 1962, were you working at a civilian job or business (full time or part time)? Do not count military service.
R: No. I was still in school then.

25 I: Do you now belong to a labor union?
R: No.
OG INT MEMO 73-1

Item

26  I: Have you ever been married?
    R: Yes.

27  I: When did you first get married?
    R: September 26, 1967.

28  I: Are you now married?
    R: Yes.

29  I: Is this your first marriage?
    R: Yes.

30a I: How many brothers did your wife have?
    R: I'm not really sure.
    I: Perhaps you can consult with her.
    R: (Calling) Mary, how many brothers did you have?

      (Wife walks into the room) Five.

30b I: How many sisters did your wife have?
    R: (Wife) I didn't have any sisters.

31a I: Was your wife living with both her parents most of the
      time up to age 16?
    R: (Wife) Yes, I did.

32  I: Now we would like to find out what kind of work your
      wife's father did when she was about 16 years old.

32a In what kind of business or industry did he work?
    R: (Wife) He worked in the automotive industry.
OCG INT MEMO 73-1

Item

32b I: Was this mainly manufacturing, wholesale trade, retail trade, or something else?
   R: (Wife) It was manufacturing.

32c I: What kind of work was he doing?
   R: He was a tool and die maker.

32d I: What were his most important activities or duties?
   R: Redesign dies for new model cars.

32f I: Did her father usually work when your wife was about 16 years of age?
   R: (Wife) Yes.

33 I: What is the highest grade of school your wife's father completed?
   R: (Wife) 12th grade.

34 I: What is the highest grade of school your wife's mother completed?
   R: (Wife) She finished eighth grade.

35 I: What is your telephone number, including the three digit area code, in case it is necessary for us to contact you?
   R: It's 212-542-2488.
   I: This completes the interview. Thank you for your cooperation.
OGM INT MEMO 73-1

Practice Interview Number 2

Upon visiting the Franklin household at 126 Walton Avenue, Lexington, Kentucky 40508, Mrs. Franklin answers the door. After repeated attempts in explaining the purpose and value of the OCG Survey, Mrs. Franklin still refuses to give you any information. What items should you fill on the following forms?

a. CPS Control Card photocopy for the Franklin household:

b. A blank CPS-1:

c. A blank OCG-1:

Practice Interview Number 3

For the third practice interview situation conduct an actual interview using an unlabeled OCG-1 questionnaire with an unrelated male 20-65 years of age. Use a blank OCG-1 and actually enter the person's responses. This unrelated male need not be of the Negro race for this practice interview. By practicing with the OCG-1 in a realistic interviewing situation, you will become more familiar with the OCG-1's skip patterns and the various rephrasing of questions that will be necessary. When conducting this practice interview, you should have your Interviewer's Instructions available for reference.
Answer Key to Practice Interviews

Practice Interview No. 1

Identification information on cover of OCG-1

<table>
<thead>
<tr>
<th>Full name of sample person</th>
<th>William A. Johnson</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSU</td>
<td>Segment No.</td>
</tr>
<tr>
<td>110</td>
<td>7025</td>
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<table>
<thead>
<tr>
<th>Item Number</th>
<th>Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>United States: New York</td>
</tr>
<tr>
<td>2</td>
<td>United States: Illinois</td>
</tr>
<tr>
<td>3</td>
<td>United States: Georgia</td>
</tr>
<tr>
<td>4</td>
<td>African</td>
</tr>
<tr>
<td>5a</td>
<td>1</td>
</tr>
<tr>
<td>5b</td>
<td>None</td>
</tr>
<tr>
<td>5c</td>
<td>3</td>
</tr>
<tr>
<td>5d</td>
<td>2</td>
</tr>
<tr>
<td>6a</td>
<td>Yes</td>
</tr>
<tr>
<td>6b</td>
<td>11</td>
</tr>
<tr>
<td>6c</td>
<td>College 1</td>
</tr>
<tr>
<td>7</td>
<td>In a middle-sized city or small town...</td>
</tr>
<tr>
<td>8a</td>
<td>No</td>
</tr>
<tr>
<td>8b</td>
<td>Mother</td>
</tr>
<tr>
<td>9</td>
<td>$4,000-4,999</td>
</tr>
<tr>
<td>10</td>
<td>1920</td>
</tr>
<tr>
<td>11a</td>
<td>Hardware store</td>
</tr>
<tr>
<td>11b</td>
<td>Retail trade</td>
</tr>
<tr>
<td>11c</td>
<td>Bookkeeping.</td>
</tr>
<tr>
<td>11d</td>
<td>Keeping books and paying bills</td>
</tr>
<tr>
<td>Item Number</td>
<td>Entry</td>
</tr>
<tr>
<td>-------------</td>
<td>-------</td>
</tr>
<tr>
<td>11a</td>
<td>Private</td>
</tr>
<tr>
<td>11f</td>
<td>Yes</td>
</tr>
<tr>
<td>12</td>
<td>11</td>
</tr>
<tr>
<td>13</td>
<td>(You need not ask item 11 again as you have already asked for the mother's education in item 12)</td>
</tr>
<tr>
<td>14</td>
<td>No</td>
</tr>
<tr>
<td>15</td>
<td>College 2</td>
</tr>
</tbody>
</table>
| 16a         | City College--CCNY  
|             | Manhattan, N.Y. |
| 16b         | No specialization |
| 17          | June 1966 |
| 18          | -       |
| 18a         | State Water Authority |
| 18b         | Something else |
| 18c         | Cartographic |
| 18d         | Making charts |
| 18e         | Government |
| 18f         | April 1966 |
| 19a         | No      |
| 19b         | -       |
| 19c         | -       |
| 20          | No      |
| 21          | -       |
| 22          | -       |
| 23          | -       |
| 24a         | No      |
| 24b         | -       |
| 24c         | -       |
| 24d         | -       |
| 24e         | -       |
| 24f         | -       |
| 25          | No      |
### Answer Key

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>Yes</td>
</tr>
<tr>
<td>27</td>
<td>September 1967</td>
</tr>
<tr>
<td>28</td>
<td>Yes</td>
</tr>
<tr>
<td>29</td>
<td>Yes</td>
</tr>
<tr>
<td>30a</td>
<td>5</td>
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<td>30b</td>
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</tr>
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<td>31a</td>
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<td>32a</td>
<td>Automotive</td>
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<td>32b</td>
<td>Manufacturing</td>
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<tr>
<td>32c</td>
<td>Tool and die maker</td>
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<td>32d</td>
<td>Redesign dies for new model cars</td>
</tr>
<tr>
<td>32e</td>
<td>Private</td>
</tr>
<tr>
<td>32f</td>
<td>Yes</td>
</tr>
<tr>
<td>33</td>
<td>12</td>
</tr>
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<td>34</td>
<td>8</td>
</tr>
<tr>
<td>35</td>
<td>212-542-2488</td>
</tr>
<tr>
<td>36</td>
<td>William Johnson</td>
</tr>
</tbody>
</table>

### Practice Interview Number 2

a. CPS Control Card photocopy for the Franklin household:
   No entries need to be made.

b. A blank CPS-1:
   1. Fill the cover page (page 1)
   2. Fill the household identification page according to regular CPS-1 noninterview procedures (page 3)

c. OCG-1:
   No OCG-1 is to be filled for the household
Date: August 17, 1973

OGG INTERVIEWER MEMORANDUM NO. 73-3

To: OGG Interviewers

From: Richard C. Burt
Chief, Field Division

Subject: Interviewer Instructions for Follow-up of Black Sample Non-
interviews (Project 9496)

I. General

The first phase of the Occupational Changes in a Generation Survey
(OGG) took place last April and May. At that time we interviewed
Negro males 20 through 65 years of age. This survey is designed
to determine the reasons for changes in occupation from one genera-
tion to the next. A similar study was conducted in 1962.

In the first phase, the interviewer went to households that were in
the CPS sample and had completed either the first 4 months or all 8
months in that sample. The interviewer then updated a CPS control
card. If there was a Negro male 20-65 currently living in the house-
hold, the interviewer then completed a March 1973 CPS-1 by interview-
ing a responsible adult household member. After that she had to make
arrangements to interview the sample person or persons (i.e. Negro
male 20-65) and complete an OGG-1 questionnaire.

II. Your Job

Even though the household was interviewed for CPS-1 information,
OGG-1 information was not always obtained. In this follow-up to
the first phase of OGG, your job will be to interview OGG sample
persons for whom no OGG-1 was completed by completing an OGG-1.

It is of extreme importance that you make every effort to obtain
the interviews. We must reduce the number of OGG-1 type A's that
resulted from the canvass of the OGG households last spring.

III. Training

Training will consist of reading this memorandum. You are author-
ized up to 2 hours for this training. Charge this training time
to Project 9496, operation code 20. Charge the interviewing time
to operation code 23.
If you have any questions that this memorandum does not answer, call your OOG supervisor for clarification before beginning to interview.

IV. Interviewing Instructions

This follow-up should in most cases be done by personal visit, especially for the sample persons who refused the interview last spring. No Dear Friend letters have been sent but refusal letters were sent when appropriate. Copies of any refusal letters sent are enclosed with your assignment.

It is suggested that you take these OOG cases with you when you do other survey work. Some of these households are now back in the CPS survey for the final 4 months of interviewing. Of course, allocate your time and travel accurately between OOG and the other survey.

Interview only Negro males, 20–65, who were household members at the time of the April or May 1973 visit and were not interviewed for OOG-1 information at that time. (See Section IV.F. for details on determining age.) For most of the OOG-1 noninterview cases you will have an OOG-1 with the sample person's name and control number on it.

A. Sample Persons who have Moved

If you discover that a sample person has moved, it is important that you try to obtain his new address. Contact such sources as the current residents, neighbors, Post Office, rental office, and former landlord. Enter the new address on the cover of the OOG-1 and also on the cover of the CPS-1. If this address is in your interviewing area, interview the sample person at his new address.

If the new address is not in your interviewing area, return all materials for the household to your DCC. They will send it to another interviewer or another DCC for further follow-up.

B. Sample Persons who are Temporarily Absent

If a sample person has temporarily left the address you are contacting, find out from other household members, neighbors, etc. when he will return. If the date he plans to return is before your interviewing deadline, hold the OOG materials and interview him when he returns.

If the date is after your interviewing deadline, find out where he is currently located. If this location is in your interviewing area, interview him there. If it is not in your area, send the information about the temporary location with the OOG materials (CPS-1, OOG-1(s) and photocopy of CPS control card) to your DCC.
C. Sample Persons in Armed Forces

If you discover that a person was a member of the Armed Forces in April 1973, do not interview him. Mark his OCG-1 questionnaire "noninterview - in Armed Forces in April, 1973."

If he is currently in the Armed Forces but was not in April, 1973, follow the instructions in section IV.A. on movers.

D. Introduction

Once you have located the sample person, introduce yourself. Your introduction for the Survey of Occupational Changes in a Generation should be similar to the following:

"I am _____________ from the United States Bureau of the Census. We are conducting a survey regarding the occupations of fathers and their sons. The information we are gathering will help us to learn what factors lead to a man's occupation, so that everyone can benefit from this knowledge. I have some questions to ask you."

If a respondent mentions that his household has already participated in a Census Bureau survey, assure him that this is a survey on a different subject. You may hand the respondent a sheet (OCG-3) illustrating the statistical results from a similar survey on occupational changes, conducted in 1962. This sheet is also useful in stressing the confidentiality of each person's information.

E. Purpose of the Survey

The following detailed explanation will provide you with a fuller understanding of the purpose of the OCG Survey. You may use any part of it in explaining the survey to respondents:

The Census Bureau is collecting data on job opportunity in today's society as compared to conditions over a decade ago. One of the major focuses of this study is on jobs—particularly on how the job situation and chances for advancement are changing for people today as compared with their parents. As a result, most of the survey items pertain to persons' backgrounds—training in the military, early work experiences and their parents' regular schooling. Coupled with recent information regarding the family's labor force and income status, we will have a more complete picture, better enabling us to help our sons and the next generation in their career goals.

The Occupational Changes in a Generation Survey will help determine:
The extent to which a person's background helped or handicapped current employment and earnings.

Whether people from different backgrounds have an equal chance to get ahead.

If post-high school education is available to all who wish it, regardless of family circumstances.

Whether training in the military helps men to get better civilian jobs than they would obtain otherwise.

Whether all schools are successful in preparing people for better jobs. Is a college diploma from one college more valuable (say in terms of subsequent earnings) than one from another college?

The kinds of jobs which are more likely to offer advancement.

By comparing the results of this OCG Survey with a similar study conducted in 1962, we will be able to explore many trends in job opportunity: Is there more opportunity today than a decade ago? Is America more open to mobility now? Answers to these and similar questions are vital to educational and employment policies which will affect the new generations and give some indication of what conditions might prevail in the future, for today's young people.

Finally, the survey collects information from a broad cross-section of the population, representing different regions, ages, ethnic origins, and socio-economic circumstances. This complete representation is necessary in order to answer the various questions raised with any accuracy. Since this is a sample survey, it is essential to have the cooperation of the persons contacted.

F. The Control Card and CPS-1

You will not update the control card photocopy nor will you fill control cards for replacement households. We are only interested in Negro males 20-65 as of March 17, 1973 (or date of interview in April or May 1973 for replacement households). Use the control card to identify eligible persons.

The CPS-1 for each case is being sent to you only because we want to keep all materials for a household together. Any OCG-1's filled last spring for other sample persons in these households are also included in your materials. Do not try to fill any missing CPS-1 information as we would end up with data for the wrong reference week.
G. Interviewing the Household

For any sample persons, 20-65, for whom you do not have an OCG-1 with the heading items filled, take a blank OCG-1 from your supplies.

Enter the sample person's full name (first, middle, last) on the OCG-1 and transcribe the PSU, Segment number, serial number and line number from the sample person's Control Card to the cover page of the OCG-1. Enter your DCC's code in two digits (i.e., 21, 27, 32, etc.). Note the unlabeled box between the serial and line number boxes on the OCG-1. Do not enter anything in this space as it will be used later by your DCC. Also do not make any marks in the space provided for current job codes, located below the identification information section.

If the sample person is at home when you visit the household, interview the sample person for himself using the OCG-1. Do not interview anyone else for his OCG-1 information. If there is more than one sample person in the household that you must interview, interview each one for his own OCG-1 information. If, in personally interviewing the sample person for OCG information you find that certain information is temporarily unavailable, you may arrange to obtain this information during a telephone callback.

If the sample male is not at home when you visit the household, leave a blank OCG-1 with only the name of the sample person entered on the cover page and set up an appointment to obtain the OCG-1 information by telephone callback at a time when the sample person is expected to be at home. Enter the arranged date and hour in the notes section of the Control Card (item 28a), preceding it with the initials, "OCG." Ask the respondent to give the OCG-1 to the sample person so that he will be familiar with the questions when you telephone back. If you plan to revisit the household and not make a telephone callback, do not leave a blank OCG-1. Slip the Control Card and the OCG-1 (on which the identification information is filled) into the CFS-1 for the household.

H. Noninterviews

This follow-up is being conducted to reduce the number of OCG-1 Type A's. You were selected for this follow-up because of your ability to obtain interviews. It is important that we complete as many OCG-1 follow-up cases as possible. However, if you receive a refusal or are unable to reach the sample person even after your best effort, consider the case a noninterview for the OCG-1. Do not give up on a case if you feel that a talk with your supervisor about the case would help you convert it. For noninterview OCG-1's, proceed as follows:
1) In the notes space on the cover page of the OCG-1, enter "noninterview" and the reason (i.e. "noninterview - unable to contact person").

2) Then explain in as much detail as possible a full description of your efforts to obtain an interview.

3) Put the control card, OCG-1 for the person and any other OCG-1's for the household inside the CPS-1 filled for that household, and send them back to your DCC.

I. Asking the OCG-1 Questions

You will be using the OCG-1 for personal interviewing. Since the OCG-1 is designed primarily as a mail questionnaire to be used later this year, a slight rewording of the questions is necessary for conducting the personal interviews. However, unless otherwise directed, ask all questions as worded. Any changes in wording, necessary probes, or explanations of how to mark unusual replies will be indicated in the following paragraphs.

The reason for not rewording or otherwise helping the respondent to better answer the OCG-1 items (except where specifically directed) is because we are interested in applying the same procedures to all OCG sample persons. Since most of the OCG sample will be mailed OCG-1 questionnaires for self-enumeration later this year (where no interviewer is available to explain anything to the sample person) we are attempting to duplicate this situation as much as possible for the personal visits. Thus, even responses to occupation and industry questions on the OCG-1 should not be probed, and should be recorded verbatim. However, the information provided should be such that it could pass the edit specified in Section IV.K. of this memo.

Hand the sample person a blank OCG-1 questionnaire in order to follow along as you ask the OCG-1 questions. If you are asking the OCG-1 items over the telephone, ask the sample person if he has an OCG-1 questionnaire in order to follow along. The extent of explanation of items for telephone interviews has been included in the description of the specific items below. Be sure to follow the appropriate skip patterns wherever indicated on the OCG-1. If no skip instruction is indicated, ask the next question.

The following are the specific instructions for each item on the OCG-1 questionnaire:
1. Where were you born?

After reading the question, without pausing add, "in the United States or in some other country?" Pause for a response and mark the appropriate box. Then ask, "Which State?" or "Which country?" and enter the response in the appropriate space.

2, 3. In what country was your father (mother) born?

These questions are similar to question 1, and are to be filled in the same manner.

4. What is the original nationality of your family on your father's side? That is, what was it before coming to the United States?

If multiple origins (such as Western Africa/America) are mentioned, enter them as given. Enter the respondent's response verbatim. Thus, entries such as "Africa" or "American" are acceptable. If a respondent asks for a definition of "original nationality," read him the examples of acceptable responses in the answer box, e.g. "Polish, German, Spanish or Russian." For telephone interviews, read the examples of ethnic origins as given in the answer box.

5. NUMBER OF BROTHERS AND SISTERS

Say to the respondent, "Now we would like some information about the number of brothers and sisters you had. For each question I ask, please count those children born alive but no longer living as well as those alive now. Also include stepchildren and children adopted by your parents."

5a. How many sisters did you have?

5b. How many of these sisters were older than you (born earlier)?

Rephrase item 5b to read, "How many of these sisters were older than you, that is, born earlier?"

If you enter "1" in item 5a, rephrase item 5b to read, "Was your sister older than you?"

5c. How many brothers did you have?
5d How many of these brothers were older than you (born earlier)?

6a Did any of your brothers live to age 25?

6b Please indicate the highest grade of school completed by the OLDEST of your brothers who lived to age 25.

Reword item 6b to form a question, "What is the highest grade of school completed by the OLDEST of your brothers who lived to age 25?" Mark the "never attended" box if the oldest brother never attended school, only attended kinder-garten, or did not complete first grade.

1. If the respondent is not sure of his answer, ask him to make a guess (estimate).

2. If the respondent answers that the oldest brother "attended" rather than "completed" a certain grade, probe to determine if the grade was completed. If the grade was not completed, mark the grade one lower than the one mentioned.

3. If a respondent mentions that his brother completed a certain number of years of college, record only the academic years completed, not the actual number of years the brother attended.

4. If a respondent answers, "completed college," determine if the college was a two- or four-year college.

6c Please indicate the highest grade of school completed by the YOUNGEST of your brothers who lived to age 25.

Follow the instructions for item 6b. If a respondent mentions that only one brother lived to age 25, mark the "Only one brother who lived to age 25" box and skip to question 7.

7 Where were you living when you were 16 years old?

Read the first two choices (i.e., "Where were you living when you were 16 years old--in the same community as at the present time, or in a different community?"). Pause for a response, marking the first box if the respondent replies that it is the same community.
If the respondent replies it is a different community, refer him to the choices on his questionnaire. (NOTE: If you are conducting a telephone interview, and the person responds, "in a different community," read him the list of choices, and mark the appropriate box.) If the respondent is not sure of the population of the area in which he lived, encourage him to guess. If he cannot even guess, as a last resort, write in the question box the name of the city, town or rural area.

8a
Were you living with both your parents most of the time up to age 16?

Follow skip instructions as directed.

8b
If "No" above, who was the head of your family?

If the respondent responds "No" to item 8a, ask him "Who was the head of your family?" Read only the question and ask the respondent to choose an appropriate answer from the list printed to the right of the question. If you are conducting a telephone interview, however, read him the list of answers, pausing after each for a response of "Yes" or "No." Mark the first category for which you receive a "Yes" response.

You may also enter the respondent's actual response, such as "aunt" or "uncle", in the answer box when you mark the "other female" or "other male" box. This will help you in asking items 10, 11 and 12 in which you must refer to the head of the family.

9
When you were about 16 years old what was your family's annual income?

For telephone respondents not following along on a questionnaire, pause after asking the question, waiting for a response. If the respondent is hesitant about revealing his family's income at that time, assure him of the confidentiality of his answers. Also, read some of the categories, i.e., "Was it between 4 and 5 thousand?" until the respondent gives you an answer. For all other respondents, ask them to pick one of the income groups listed. If a person is unsure of his family's income at that time, ask him to guess.
In what year was your father (or the person marked in question 8b) born?

If "father" is marked in item 8b, ask item 10, deleting the phrase "or the person marked in question 8b." If item 8b is filled and there is an entry other than "father," rephrase item 10 substituting the person marked in question 8b for the word "father." (Example: If a respondent answered, "aunt" in item 8b and you marked the "other female" box, ask item 10 as follows - "In what year was your aunt born?")

Now we would like to find out what kind of work your father did when you were about 16 years old.

Read the first sentence of the introduction to item 11 to the respondent. If there is an entry in item 8b and it is other than "father," rephrase the first sentence as is done for item 10, using the appropriate wording.

In what kind of business or industry did he work?

Read the examples provided on the right for persons who do not understand the question and for telephone interviews. For persons with an entry of "Mother" or "Other female" in item 8b, rephrase the question, substituting "she" for "he,"

Always enter the person's response verbatim. Do not probe for any of the occupation and industry entries; accept the initial response.

The boxes provided on the top of this item and other occupation and industry items are for office use and therefore should be left blank.

Was this chiefly manufacturing, wholesale trade, retail trade, or something else?

What kind of work was he doing?

Read the examples for item 11c for persons who do not understand the question and for telephone interviews. Accept the respondent's response verbatim.
11d  What were his most important activities or duties?

Read the examples if necessary, for both personal and telephone interviews. Enter the person's response verbatim.

11e  Was he -

Ask the necessary questions to ascertain the answer for this item. If the respondent already mentioned that he worked for the government or private industry, mark this item without asking.

11a–e  If upon quickly reviewing all of the entries for items 11a–11e, you notice that the entire set is inadequate according to the instructions in section IV.K. of this memo, then immediately probe to obtain a more adequate set of entries.

11f  Did your father (or the person marked in question 8b) usually work when you were about 16 years of age?

Ask item 11f leaving out the phrase, "or the person marked in question 8b." If item 8b is filled and there is an entry of other than "father," rephrase 11f as is done for item 10, using the appropriate wording.

12  What is the highest grade of school your father (or the person marked in 8b) completed?

Ask item 12 for the father, or the person marked in item 8b if there is an entry and it is other than "father." Fill item 12 according to the explanations for item 6b.

13  What is the highest grade of school your mother completed?

Ask item 13 for the mother, according to points one through four in the explanations for item 6b. If "mother" was marked in item 8b (and therefore item 12 has been filled for "mother"), do not fill item 13.

14  In March 1971, were you enrolled in regular school?

Ask item 14, including the sentence below the question. Skip to item 19a if "Yes" is marked.
15. In March 1973, what was the highest grade of school you had COMPLETED?

Ask item 15 including the instructions below the question, and fill according to the explanations for item 6b.

Skip to item 17 if the grade level you mark is between 1 and 12. Skip to item 18 if the person never attended school, just attended kindergarten or never completed first grade. If the grade level marked is between college 1 and college 5 or more, ask item 16a next.

16a. What was the name and address of the college or university you LAST ATTENDED?

16b. What was your field of specialization?

Read the examples if you are interviewing by telephone and the respondent has not got a copy of the OCG-1 on which to follow along.

17. In what month and year did you COMPLETE your highest grade of school?

You may abbreviate the month entry.

18. Describe the FIRST, FULL-TIME CIVILIAN JOB you had AFTER you completed your highest grade in school.

Rephrase item 18 to read, "Now we are interested in the first, full-time civilian job you had after you completed your highest grade in school." Also read the instructions appearing below the item. If the respondent tells you that he never worked, or never worked at a full-time civilian job since completing his highest grade in school, mark the appropriate box and skip to item 19a. Otherwise, continue with item 18a. If during a telephone interview a respondent tells you he never worked, determine if he means that he never worked at a full-time job or that he hasn't worked on any job since completing his highest grade of school.

18a-18e. Ask these occupation and industry items and probe in the same manner as directed for OCG-1 items 11a-11e.
Item Number

18f    In what month and year did you BEGIN this job?

Include the statement following the question in asking this item. You may abbreviate the month entry.

19a    BEFORE you completed your highest grade in regular school, did you ever DISCONTINUE YOUR SCHOOLING FOR SIX MONTHS OR MORE?

Ask this item including the instructions below it.

19b    What was the highest grade you had completed the FIRST time you discontinued schooling for six months or more?

Fill item 19b according to the rules presented for item 6b.

19c    In what month and year did this FIRST interruption begin?

20     Have you ever been on active service in the U.S. Armed Forces or spent at least two months on active duty for training in the Reserves or National Guard?

21     What is the highest grade of regular school you had completed BEFORE YOU FIRST ENTERED active military service?

Mark item 21 according to the rules presented for item 6b.

22     When did you FIRST enter active military service?

23     What was the date of your LAST separation from active service?

Ask item 23 including the instruction below the question.

24a    We have asked about your first civilian job. Now think back to March 1962. In March 1962, were you working at a civilian job or business (full-time or part-time)?

Ask item 24a adding the instruction below the item.
The person marked in item 31b for the word "teacher" been marked in item 31a. In such a case, substitute respondent, unless a person other than "father" has been marked in item 31b. In such a case, substitute the first sentence of the above statement to the answer for the person marked in question 31b.

If the name of the person to work in the example of the "mother" box, this will help you in the "same family" of the "mother" box when you mark the item 31b. You may also enter the respondent's actual response, such as:

If "same family" above, who was the head of her family?

When you work in the same box, most of the time up to age 16.

The person is a child of the respondent.

If the respondent is a child of the "mother", then enter the response with a "No" in item 31c.

How many brothers did your wife have?

Number of WIFE'S BROTHERS AND SISTERS

Is this your first marriage?

Are you now married?

When did you first get married?

Have you ever been married?

Do you NOW belong to a labor union?
<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>32a-32e</td>
<td>Ask these occupation and industry items in the same manner as directed for OOG-1 items 11a-11e.</td>
</tr>
<tr>
<td>32f</td>
<td>Did her father (or the person marked in question 31b) usually work when your wife was about 16 years of age?</td>
</tr>
<tr>
<td></td>
<td>Ask item 32f leaving out the phrase &quot;or the person marked in question 31b.&quot; If there is an entry of other than &quot;father&quot; in item 31b, rephrase item 32f as is done for item 32, using the appropriate wording.</td>
</tr>
<tr>
<td>33</td>
<td>What is the highest grade of school your wife's father (or the person checked in question 31b) completed?</td>
</tr>
<tr>
<td></td>
<td>Ask item 33 leaving out the phrase &quot;or the person checked in question 31b.&quot; If a box other than &quot;father&quot; is marked in item 31b, rephrase item 33 as is done for item 32, using the appropriate wording. Fill according to the explanation for item 6b.</td>
</tr>
<tr>
<td>34</td>
<td>What is the highest grade of school your wife's mother completed?</td>
</tr>
<tr>
<td></td>
<td>Fill according to points presented in the explanation of item 13.</td>
</tr>
<tr>
<td>35</td>
<td>Please write in your telephone number in case it is necessary for us to contact you.</td>
</tr>
<tr>
<td></td>
<td>Rephrase this question to read, &quot;What is your telephone number in case it is necessary for us to contact you?&quot; Enter both area code and telephone number.</td>
</tr>
<tr>
<td>36</td>
<td>What is the name of the person filling this form?</td>
</tr>
<tr>
<td></td>
<td>Fill item 36 without asking the question. Enter the name of the person who responded to the OOG items. For this follow-up phase of the OOG Survey, it should be the sample person's name.</td>
</tr>
</tbody>
</table>
J. After the Interview

After completing the interview, quickly review the completed OOG-1 to verify that all applicable items have been filled and that no items have been incorrectly marked (i.e., multiple entries). If you discover any errors or omissions, obtain the correct information at that time.

Thank the respondent for his cooperation.

K. Reviewing the Completed OOG-1

After leaving the household, review OOG-1 items 11a - 1le only (kind of work person's father did) and items 18a - 18e only (first full-time job after leaving school) for the completeness of the entries. If either of these two sets of occupation and industry items are blank the required information must be obtained.

As a guide to determining if the entries for these two items are adequate, the following list of categories are presented below. These guides for determining adequacy are different from the standard practice. They are to be used for the OOG Survey only, and do not apply to any other survey.

Farm worker.---If it is clear that the person did farm work, regardless of the type, the entries for the item are to be considered adequate. For this purpose, it is not necessary to know whether he owned his own farm, did farm work for pay, or was an unpaid family helper.

Professional worker.---If the person is reported as some type of professional worker such as physician, dentist, veterinarian, teacher, engineer, lawyer, clergyman, etc., it is important to know whether the person was self-employed or not. You can determine this from the class of worker entry (part "a" of the item), or from write-ins in the item. The entries in this item are to be considered adequate even if "industry" (parts "a" and "b") is blank.

Craftsmen.---If the person is reported as some kind of craftsman or skilled worker, such as carpenter, bricklayer, barber, machinist, mechanic, or repairman (whether or not the type is specified), accept the entry even if the industry (parts "a" and "b") and class of worker (part "e") are not reported.
Proprietor or manager.—If it is evident that the person
was the proprietor or manager of a manufacturing plant,
retail or wholesale establishment, service enterprise, or
other facility, accept the entry even if the precise type
of establishment is not given. For example, an entry of
"proprietor-retail business" can be accepted. If it is
not clear whether the person was a self-employed worker
or a salaried official or manager, consider the combined
entries for the item inadequate.

Factory worker.—For persons employed in manufacturing
plants or factories, consider the entries adequate if you
can determine that the person operated some kind of machine,
even if the type is unspecified (such as machine operator),
or did some other specific task (inspector, packer, foreman).
If the entries meet the above specifications, consider them
adequate even if the precise type of factory is not given.
Any vague entries of unskilled work, such as laborer, loader,
sweeper, factory worker or mill hand would not be acceptable.

Office worker.—Accept entries indicating the person did
some type of office work, such as bookkeeper, office clerk,
typist or shipping clerk, even if the type of business is
not clearly indicated. Where you merely have an entry of
"clerk," accept it if the other entries for the item are
specific enough to determine whether it is an office job or
a selling job.

Unskilled worker.—Accept entries indicating the person did
some kind of unskilled work, such as laborer, odd job worker,
yardsman, sweeper or domestic, even if the industry entries
(parts "a" and "b") are blank. If there is an indication
that the person is a factory worker, determine the adequacy
of the entries as described above for "Factory worker."

Other types.—For other types of entries, judge whether the
occupation entries (parts "c" and "d") are reasonably clear
in the broad sense described above. If the occupation entries
are omitted or inadequate but can be readily inferred from
the industry entries (parts "a" and "b") or class-of-worker
information (part "e"), accept the item as being adequate.
For example, if occupation is blank but there is an entry
of "own grocery store" in industry, you could accept this as
indicating the person was a proprietor.
Entries in item 11 indicating that his father never worked because of some disability—feeble-mindedness or hopelessly crippled or entries in item 18 which indicate that the man is incapacitated and has never worked—should be accepted as adequate. Entries such as "lived in orphanage" for item 11 should also be accepted as adequate.

If there is an entry in item 11 such as "father deceased," or "father deserted family," etc., this would not be acceptable. In this case, the entries are to be considered inadequate and the respondent should be recontacted to find out the kind of work done by the person who headed the respondent's family when he was age 16 (item 8b).

Reask all items determined to be inadequate on the OCG-1. You may telephone the sample person in order to correct the inadequacies.

L. Transmitting Materials to DCC.

Keep the OCG-1(s), CPS-1, and Control Card for a household together. Do not send any material back to your office if it represents only a partial shipment for a household.

Before mailing the materials, check items 13 and 14 on the CPS'1's to see if they reflect a personal interview status for the CPS-1's. Item 13 should not be marked "noninterview" and item 14 should be blank. Make any necessary changes.

Send your completed materials to the DCC with the Control Card photocopy and any other Control Cards used for the household as well as the OCG-1's used for the OCG sample persons in the household, inserted into the CPS-1 for the household.

Send your completed OCG-1, CPS-1 questionnaires and Control Cards to your office on a flow basis. Your last shipment to the DCC is to be no later than the date specified on the 11-35.
Date: August 29, 1973

OG Interviewer's Memorandum No. 73-3 - Supplement 1

To: OCG Interviewers

From: Richard C. Burt
Chief, Field Division

Subject: Revised Procedures Regarding Use of Proxy Respondents

Section IV.G. of Interviewer's Memorandum No. 73-3 states that you are to interview no one but the sample person himself for his OCG information. This procedure has been revised as follows:

A proxy respondent is acceptable if the sample person is mentally incompetent. The preferred proxy respondents include the wife, mother, father, brother or sister of the sample person—provided this person is knowledgeable and 14 years of age or older. If none of the preferred proxy respondents are available, you may obtain the OCG-1 information from any other knowledgeable household member age 14+.

Proxy respondents may also be used if:

- After repeated prearranged callbacks the sample person is still not at home.
- On a personal visit the sample person is not at home and there is no telephone.

In all cases when a proxy respondent is used, enter the proxy respondents name and relationship to the sample person in OCG-1 item 36. For example, if Mr. Ellison's wife, Jane, responds for Mr. Ellison, enter "Jane Ellison-wife" in OCG-1 item 36.
March 19, 1973

OGC OFF MEMO 73-5

To: Directors
Data Collection Centers

From: Richard C. Burt
Chief, Field Division

Subject: Office Procedures for the Survey on Occupational Changes in a Generation (CCG) - Project 9496

I. General

Between April 2 and May 11 we will be conducting the first phase of the Survey on Occupational Changes in a Generation (refer to OCG Office Memorandum No. 73-5 (Revised), dated March 7, 1973).

II. Materials

Based upon the DCC workload indicated in the above memo we will send:

A. OCG-1 Questionnaires (Blank)
B. OCG-3 Mailout of statistical results from 1962 OCG Survey
C. OCG-4 Advance "Dear Friend" letter
D. Sections I and II of OCG Interviewers Memorandum No. 73-1

III. Training

Up to four hours are authorized for hour study. There will not be any classroom training. Send the following materials to each interviewer for her training:

A. Sections I and II of OCG Interviewers Memorandum No. 73-1
B. Two OCG-1 Questionnaires (Blank)
C. One OCG-3 Statistical Handout
D. One OCG-4 Advance "Dear Friend" letter

-1-
Interviewers are instructed to complete their home study, correct it themselves, complete the Summary Sheet and return it to your office by the date you specify. Use the Summary Sheet to determine if the interviewer needs further training (i.e., observation). Contact interviewers who have not completed the home study by a reasonable date. Interviewers may begin working as soon as they complete their home study, unless notified by you. However, they may not begin before April 2.

IV. Selection of Interviewers

Because of the similarity of part of the OCG Survey to the CPS (forms and procedures), and since no training on the March 1973 CPS-1 will be provided, select OCG interviewers from your CPS staff.

Some households in your workload are located in JSU's which have been dropped from the current CPS sample. Select interviewers to cover these locations.

V. Office Preparation

A. Insert each OCG-4 Advance "Dear Friend" letter into a BC-347 envelope. On each BC-347, enter the address as "OCCUPANT," and transcribe the address from the OCG Control Card photostat to the stuffed BC-347. Mail the OCG-4's to the OCG households during the week of March 26.

B. Use Form 11-35 to control interviewers' assignments.

C. Forward the CPS Control Cards from Rotation 7 of Sample A29/C13 to Jeffersonville per usual CPS procedures after preparing photocopies as directed in OCG OFF MEMO 73-2.

VI. Segment Folders

Assign Segment Folders with the appropriate Control Cards for OCG.

- Segment Folders for Sample A29/C13, Rotations 4, 5, 6, and 7 and for Sample A30/C14, Rotation 8 in Phase II areas are retired CPS segments. OCG's were advised by wire to hold these folders. Contact Washington if the folders have been shipped to Jeffersonville.

- Segment Folders for Sample A30/C14, Rotation 8 in Phase I areas and for Sample A31/C15, Rotations 1, 2, and 3 are CPS segments being held for the second CPS interview period.
Moreover, Sample 131/C15, Rotation I, 2, and 3 may be in later samples which are active in CPS. Use the following guidelines for handling these segments for OCG.

- If the same interviewer will be doing OCG and CPS in a particular area, send the Segment Folder for the first assignment in April; i.e., OCG or CPS. Tell the interviewer to hold the folder for the other survey.

- If a different interviewer will be doing OCG in a particular area, see if the addresses for OCG are adequate; e.g., a house number and street name in an Address Segment.

  If the addresses are adequate, send the OCG Control Cards without the folder. Be sure complete addresses appear on the OCG Control Cards.

  If the addresses are inadequate, or are in an Area Segment, photocopy the listing sheets and area segment map. Place them in a manila folder with the Control Cards for the segment and assign to the OCG interviewer.

VII. Interviewer Materials

Send the following materials to each OCG interviewer for her assignment:

1. Form 11-35, listing interviewer's assignment by CPS control number. (Determine interviewer deadlines based on DCC deadline of [insert].)

2. CPS Control Card photocopies (those done in Jeffersonville, as well as those completed in the DCC).

3. A few blank CPS-260 Control Cards dated 8/25/72 for replacement households.

4. One March 1973 CPS-1 for each household assigned, plus a few extras.

5. Three OCG-1 Questionnaires for every two households assigned, plus extras.

6. One OCG-3 Statistical handout for every two households assigned, plus a few extra ones.

7. One OCG-4 Advance "Dear Friend" letter, and one BC-347 envelope for each household assigned.

Instruct all CPS interviewers to retain their Section I of the March 1973 CPS Interviewer's Instructions until the end of May.
VIII. Observations

Schedule observation of OCG interviewers as needed. That is, if an interviewer has a large number of incorrect answers on her Summary Sheet, or if an interviewer lacks experience, assign her for observation.

IX. Interviewing

Interviewers are to make at least one personal contact with each household in order to obtain March 1973 CPS basic and supplemental information for the entire household. Prior to filling the CFS-1 she will, on her first visit, update the Control Card photocopy for the household. After completing the Control Card and CFS-1 she will fill an OCG-1 with each sample person (i.e., each Negro male between the ages of 20 and 65 inclusive), by either personal visit or by telephone interview. If the sample household has moved, she will conduct an interview with the new replacement household if it qualifies for the survey. The entire interview should be approximately 30 minutes in length.

X. Check-In of Questionnaires

A. Form 11-35

As you receive the completed questionnaires from the interviewer, enter a check mark next to the corresponding Control Number listed on the 11-35.

B. Check digit

A listing of one-digit numbers for each OCG household will be forwarded to you during the first week in April. As you receive completed OCG-1 questionnaires (including noninterviews), enter the one-digit number (appearing next to the household’s Control Number on the listing) onto the cover page of the OCG-1 questionnaire, in the space provided between the Serial Number and the Line Number. Put a check mark next to the Control Number on the listing as you enter the number.

XI. Office Edit

A. Verify that each eligible OCG person (i.e., each civilian Negro male age 20-65 inclusive as of March 17, 1973) has an OCG-1 filled for him, either interview or noninterview. (For replacement households, age eligibility is determined by age as of date of interview and not age as of March 17, 1973.) If no OCG-1 has been filled, check whether his household is noninterview on the CFS-1:

1. If household is noninterview on the CFS-1, no OCG-1 should be filled.
2. If household is interviewed on the CIS-1, contact the interviewer and have her conduct a telephone interview with the eligible OCG person (or complete it from the office). If necessary, revisit the household.

B. Verify that no OCG-1 has been filled for other than eligible OCG persons. Destroy all OCG-1's filled in error.

C. Verify entries on CIS-1 and OCG-1

1. On the CIS-1:
   - Verify Control Number (CIS-1 items 6, 7, and 8) has been correctly transcribed from Control Card. Correct all entries where necessary.
   - Verify transcription items 25-32 have been completed. For missing entries, transcribe information from appropriate Control Card items.

2. On the OCG-1:
   - Verify that each OCG-1 has a corresponding CIS-1. If none exists, contact the interviewer immediately to determine the reason. Have the interviewer complete a CIS-1 for the household through a telephone interview, where possible.
   - Verify that OCG-1 identification items on the cover page (ISN, Segment Number, Serial Number, and Lane Number) have been filled and have been correctly transcribed from the Control Card. Correct any errors. Also check to see that the DCC code has been entered on the OCG-1.
   - For each interview OCG-1, verify that at least one entry other than heading entries has been made. For each non-interview OCG-1, verify that the non-interview reason has been specified in the "Notes" section. Contact the interviewer to have her correct any OCG-1 not meeting these requirements. The interviewer is to obtain missing information by telephone. If necessary, revisit the household.

XII. Reinterview

Reinterview will be conducted. Instructions will be provided in a separate memorandum.
XIII. Shipment of Materials

A. All materials are to be arranged and shipped by households. That is, the photocopy of the CIS Control Card (plus any new Control Card used for a replacement household) and any OCG-1's used for eligible sample persons in the household should be inserted inside the CPS-1 for the household.

B. The CPS-1's should then be grouped as follows:

---Group I: Interviewed Households
(Interviews were received on both the CPS-1 and all OCG-1's used for the household)

---Group II: Noninterview OCG-1's in Household
(Interview was received on CPS-1, but noninterview on one or more OCG-1's in the household)

---Group III: Noninterview Households
(CPS-1's were noninterview)

C. Mail all OCG material in one shipment to:

Data Preparation Division
General Operations Branch
1201 East 10th Street
Jeffersonville, Indiana 47130

Attn: Mr. Garwood

on May 11.

XIV. Progress Reporting

On each Monday beginning April 23 until closeout, wire to Chief, Field Division the following:

A. Workload (households)

B. Households checked in:

---Group I
---Group II
---Group III (Break this group down by Type A and Type B/Type C as defined in CPS.)

XV. Charge all costs to Project 9496.
Date: August 16, 1973

OGG OFFICE MEMORANDUM NO. 73-16

To: Directors
Data Collection Centers

From: Richard C. Burt
Chief, Field Division

Subject: Follow-up of April 1973 Black Supplemental Sample (Project 9496)

I. Background

As stated in OGG OFFICE MEMORANDUM NO. 73-14, we will follow up a number of noninterviews resulting from the canvass of the Negro households in April and May. This is being done in order to reduce the noninterview rate for this first phase of OCG. We have moved up the starting date for this follow-up in order to be able to process the April Black sample earlier.

II. Key Dates

August 23  - Receipt of questionnaires from Washington
October 19  - Interviewer closeout
November 2  - DCC closeout

III. General Procedures

All cases being returned to you are what were referred to in OGG OFFICE MEMORANDUM NO. 73-6 (March 19, 1973) as "Group II" cases. These were the cases for which a March 1973 CPS-1 was successfully filled but for which an OCG-1 questionnaire was not filled for each eligible male in the household for some reason. Our job during this follow-up is to complete the OCG-1 interviews with the sample persons. Your workload has been sent to you by wire.

IV. Training

Interviewer training will consist of reading OCG INTERVIEWER MEMO-
RANDUM NO. 73-3. Up to 2 hours are authorized for this training.
V. Materials

By August 23, you will receive:

1. A photocopy of the CPS-260 control card for each assigned case.

2. The completed March CPS-1 for each case.

3. The OOG-1 noninterview questionnaire (plus any interview OOG-1) for each assigned case.

4. OOG INTERVIEWER MEMORANDUM NO. 73-3.

5. Control list of cases assigned.

VI. Office Preparation

Before assigning the cases to interviewers, examine each case to see if the OOG-1 noninterview reason was "refusal." For all refusal cases make the necessary follow-up in order to gain cooperation. If the household is still in the CPS sample and is cooperating, you may not want to send a refusal letter (i.e. the wife is cooperating with us by answering the CPS questions.)

In any case, assign the refusal cases to supervisors, senior interviewers, or your more competent interviewers wherever possible in order to maximize the effort made to convert the refusal. It is important that we convert as many as we can in order to improve the overall quality of the survey statistics.

Erase the entries in CPS-1 items 13 and 14.

Include in each assignment:

1. The March 1973 CPS-1, OOG-1(s) and control card photocopy for each assigned case. We want to keep these forms together.

2. OOG INTERVIEWER MEMORANDUM NO. 73-3.

3. One blank OOG-1.

4. Copy of refusal letter(s) where appropriate.

List sample persons by control number on Form 11-35.

VII. Observation and Reinterview

There will be no observations or reinterview for this OOG follow-up work.
VIII. Office Check-in

As cases are returned to the office, enter the date received on the Control List provided. If the case is still a noninterview, enter the noninterview reason on this Control List. Check to see if every possible effort was made to convert cases that still are noninterviews. A complete description of the follow-up effort must be entered on the questionnaire. Interviewers are to enter dates and hours of contacts and results of these contacts. If you feel more work is needed on the case, return it to the field.

Keep the material for this Black sample follow-up separate from the materials you will be receiving later for the Basic OCG sample.

Verify that there is a one-digit check digit on the OCG-1 cover page between the Serial Number and Line Number. If there isn’t a check digit, find the one assigned on the listing of check digits you received last April and enter it on the OCG-1.

IX. Movers

If a sample person, eligible for interviewing as of the time of the spring survey, has since moved and a forwarding address was obtained, transfer the case to the appropriate DCC. Transfer all questionnaires and the control card for the case.

The DCC receiving the case will follow up the case by personal visit or telephone if the new address is within a current program PSU and by telephone only if the address is outside a PSU.

The DCC receiving the case may have to send an appropriate refusal letter to the sample person.

Enter the DCC to which the case was transferred and the date of transfer on the Control List.

X. Office Edit

Verify that each eligible sample person (eligible as of the spring interview) has an OCG-1 filled for him, either interview or noninterview.

If no OCG-1 has been filled and no reason given, contact the interviewer for an explanation. If an attempt to interview the sample person can still be made, return the case to the interviewer.

Verify that an OCG-1 has not been filled for persons other than eligible OCG persons. Eligible persons are Negro males, 20–65 years of age as of March 17, 1973.
Destroy all OCG-1's filled in error.

Verify that each OCG-1 has a corresponding CPS-1. If none exists, contact the interviewer immediately to determine the reason. Call Washington (763-7692) if the CPS-1 has been lost.

Verify that OCG-1 identification items on the cover page (PSU, Segment Number, Serial Number, and Line Number) have been filled and have been correctly transcribed from the Control Card. Correct any errors. Also check to see that the DCC code has been entered on the OCG-1. In the case of movers, the DCC code should be the code of the DCC having jurisdiction of the PSU contained in the control number of the case.

For each interviewed OCG-1, verify that at least one entry in items 1-34 has been made. For each noninterview OCG-1, verify that the noninterview reason has been specified in the "Notes" section. Contact the interviewer to have her correct any OCG-1 not meeting these requirements. The interviewer is to obtain missing information by telephone. If necessary, revisit the household.

XI. Shipment of Materials

A. All materials are to be arranged and shipped by households. That is, the photocopy of the CPS Control Card (plus any new Control Card used for a replacement household) and any OCG-1's used for eligible sample persons in the household should be inserted inside the CPS-1 for the household.

B. Then, group the CPS-1's as follows:

   --Group I: Interviewed Households
       (Interviews were received on the OCG-1's)

   --Group II: Noninterview OCG-1 Households
       (Interview was received on CPS-1, but noninterview on one or more OCG-1's in the household)

C. Mail the materials on a flow basis to:

   Field Division
   Bureau of the Census
   Washington, D.C. 20233

   ATTN: Kenneth Frail

D. Send a photocopy of the Control List with your final transmittal.
XII. **Deadline**

Complete all cases and make your final transmittal to Washington by **November 2**.

XIII. **Cost Information**

Charge all costs to Project 9496.
August 22, 1973

OGG OFFICE MEMORANDUM NO. 73-16 Supplement 2

To: Directors
   Data Collection Centers

From: Richard C. Burt
      Chief, Field Division

Subject: Follow-up of April 1973 Black Supplemental Sample (Project 9496)

Enclosed are the materials for the OGG follow-up of the April 1973 Black Supplemental Sample. See OGG OFFICE MEMORANDUM NO. 73-16.

Include in each OGG assignment one OGG-1 and one OGG-3 per case assigned.

Enclosures
INTERVIEWER INSTRUCTIONS FOR PHASE TWO OF THE OCCUPATIONAL CHANGES IN A
GENERATION SURVEY (OCG)

Section I - Instructions
Section II - Home Study

*******************************************************************************

Section I - Instructions

A. General

The second phase of the National Occupational Changes in a Generation Survey
(OCG) will be conducted beginning late September through mid-November.
During this time period nonresponses and fail-edit cases from the mailout
will be followed up.

During last April and May, the first phase of the OCG Survey was conducted.
As was the case with the first phase of the OCG Survey, the purpose of the
second phase is to determine the reasons for changes in occupation from
one generation to the next. A similar study was conducted in 1962. All
sample persons for the current OCG Survey were selected either from past
CPS samples, or from a current CPS sample whose household is between its
four month enumeration periods. Sample persons for this second phase
are males, all races, 20 through 65 years of age inclusive. March CPS
data were obtained for all of these cases during this past March through
May.

B. Training

You are authorized up to three hours for studying these instructions and
completing the home study exercises included in Section II. Charge this
time to Project 9496, Operation Code 20. After completing the exercises,
correct them yourself. Send the Summary Sheet to your DCC by the date
specified. If you have any questions that this memorandum does not cover,
call your OCG Supervisor for clarification before beginning to interview.

Charge your interviewing time to Operation Code 23.

C. Status of Cases in Your Assignment

Your assignment may contain two types of cases, nonresponse OCG-1
questionnaires, and fail-edit OCG-1 questionnaires.

1. OCG-1 Nonresponse Questionnaires

On August 1, OCG-1 questionnaires were mailed to all sample cases.
One week later a reminder post card was sent to everyone. A second

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OCG-1 questionnaire was sent on August 23 to cases who had not mailed back a filled OCG-1 up until that time. Three weeks later, on September 12, a third OCG-1 was sent to all sample cases who had not mailed back a filled OCG-1.

You will be interviewing those sample cases who have not responded to any of the three OCG-1's mailed to them. The OCG-1's included in your assignment for these nonresponse cases are blank except for a label which includes the person's name and address.

a. Whom to interview

For each nonresponse case you will interview each sample person (indicated in the label of the OCG-1) for himself. A proxy respondent is acceptable, however, if a sample person is mentally incompetent. The proxy respondent may be the wife, mother or father of the sample person.

Proxy respondents may also be used if:

• After repeated prearranged telephone callbacks the sample person is still not at home

• On a personal visit the sample person is not at home and there is no telephone

The sample person's name, address and other identifying information are included on the label attached to the upper-right-hand side of the cover of the OCG-1. Included on the top line of the label is the following information:

- - - (PSU) - - (SEGMENT) - - (SERIAL) - - (Number does not apply) (LINE)

b. Method of interviewing

Attempt to interview the sample person by telephone. For this purpose the sample person's telephone number has been entered in OCG-1 item 35 whenever it was available.

For cases in which a telephone number has not been entered in OCG-1 item 35, we will supply CPS Control Card photocopies whenever they are available. These photocopies will provide information on the best time to visit (item 31) and other background information to aid in the follow-up. We will also supply Control Cards if "N" has been circled in Control Card item 30b. This indicates that telephone interviews are not acceptable. If the household has not
consented to telephone interviews, a personal visit will be necessary. Segment folders or photocopies of them have been provided when they were available, for hard to find households.

If no number is entered in control card item 30 and there is no indication that a telephone interview is unacceptable, then attempt to obtain the household's telephone number by either referring to a local telephone directory or by calling your Directory Assistance Operator. Enter the telephone number in OCG-1 item 35 and in control card item 30. If there is no control card inserted in an OCG-1, also attempt to determine the telephone number as directed above. If you are unable to obtain a telephone number, make a personal visit.

If the sample person is not at home when you telephone or visit the household, attempt to set up an appointment for the interview. Make a note of the date and time of the appointment directly on the cover of the OCG-1.

Record each attempt to interview the household, whether it be successful or unsuccessful. Indicate the date, time and interview status in the white space by the Director's signature on the cover of the OCG-1, as follows:

Example: E-32 (Your interviewer code)

10/1/73 Tel. hhld. 9:30 A.M., 12:00 A.M., 6:00 P.M. - No one home

10/2/73 Tel. hhld. 11:00 A.M. - No one home
8:30 P.M. - Sample person not at home. Made appointment to telephone him at 7:00 P.M. tomorrow.

Final Status 10/3/73 - Got a telephone interview!

Enter your interviewer code on all OCG-1's.

c. Introduction

Ask to speak to the sample person. When you contact him, introduce yourself and the OCG Survey in a manner similar to the following:

"Mr. __________, I am __________ from the United States Bureau of the Census. (Here is my identification.) A while ago you were mailed an Occupational Changes in a Generation Survey questionnaire which we have not yet received back. Since this is a sample survey it is important that we have everyone
participate; thus, we are contacting all persons from whom we have not yet received a questionnaire. I would like to complete the interview now."

You may also mention that the Occupational Changes in a Generation Survey has to do with the occupations of fathers and their sons. The information we are gathering will help us to learn what factors lead to a man's occupational success, so that all can benefit from this knowledge.

The following detailed explanation will provide you with a fuller understanding of the purpose of the OCG Survey. You may use any part of it in explaining the survey to respondents:

The Bureau of the Census is trying to obtain data on job opportunity in today's society as compared to conditions over a decade ago. One of the major focuses of this study is on jobs—particularly on how the job situation and chances for advancement are changing for people today as compared with their parents. As a result, most of the survey items pertain to the persons' backgrounds—training in the military, early work experiences and their parents' regular schooling. Such data will enable us to help our sons and the next generation in their career goals.

The Occupational Changes in a Generation Survey will help to determine:

- The extent to which a person's background helped or handicapped current employment and earnings.

- Whether people from different backgrounds have an equal chance to get ahead.

- If a post-high school education is available to all who wish it, regardless of family circumstances.

- Whether training in the military helps men to get better civilian jobs than they would obtain otherwise.

- Whether all schools are successful in preparing people for better jobs. Is a college diploma from one college more valuable (say in terms of subsequent earnings) than one from another college?

- The kinds of jobs which are more likely to offer advancement.

By comparing the results of this OCG Survey with a similar study conducted in 1962, we can explore many trends in job opportunity: Is there more opportunity today than a decade ago? Do people change their jobs more often? Answers to
these and similar questions are vital to educational and employment policies which will affect the new generations and give some indication of what conditions might prevail in the future, for today's young people.

Finally, the survey collects information from a broad cross-section of the population, representing different regions, ages, ethnic origins, and socio-economic circumstances. This complete representation is necessary in order to answer the various questions raised with any accuracy. Since this is a sample survey, it is essential to have the cooperation of the persons contacted.

d. Use of Control Card

A control card will be included for most of your assigned cases. It is not to be updated. The purpose of providing it is mainly to aid you in determining whether a telephone interview is acceptable (control card item 30b) as well as to aid you in locating the address of the sample person when a personal visit is necessary—sometimes an interviewer will have made some comment regarding the location of the address, in the notes section.

e. Asking the OCG-1 questions

Since the OCG-1 is designed primarily as a mail questionnaire, a slight wording of the questions is necessary for conducting both telephone and personal interviews. However, unless otherwise directed, ask all questions exactly as worded. Any changes in wording, necessary probes, or explanations of how to mark unusual replies will be indicated in the following paragraphs. The reason for not wording or otherwise helping the respondent to better answer the OCG-1 items (except where specifically directed) is because we are interested in applying the same procedures to all OCG sample persons. Since the bulk of the OCG sample has been mailed OCG-1 questionnaires for self-administration (where no interviewer is available to explain anything to the sample person) we are attempting to duplicate this situation as much as possible for the follow-up visit. Thus, even responses to occupation and industry questions on the OCG-1 should not be probed when first asked and should be recorded verbatim. If upon reviewing the entries to a particular set of occupation and industry items you notice that the set was not considered adequate according to the guidelines presented in Section C.1.g. of this memorandum, then probe for an adequate response.

You may ask the sample person if he has a spare OCG-1 so that he may follow along as you ask the OCG questions. For personal interviews, give the sample male a blank OCG-1 to follow along
as you ask the questions. For items 8b and 9, read only the question and ask the respondent to choose an appropriate answer from the list printed below the question.

For sample persons who are unsure about an answer, encourage them to make an educated guess.

Follow the appropriate skip patterns indicated next to some answers on the OCG-1. If no skip instruction is indicated, ask the following question.

A description of the OCG-1 items follows:

**Item 1: Where were you born?**

After reading the question, without pausing add, "in the United States or in some other country?" Pause for a response and mark the appropriate box. Then ask, "Which State?" or "Which country?" and enter the response in the appropriate space.

**Items 2 and 3: In what country was your father (mother) born?**

These questions are similar to question 1, and are to be filled in the same manner.

**Item 4: What is the original nationality of your family on your FATHER'S side? That is, what was it before coming to the United States?**

For telephone interviews, read the examples of ethnic origins as given in item 4.

If multiple origins (such as German/English) are mentioned, enter them as given. Enter the respondent's response verbatim. Thus even responses such as "Jewish" "Black," or "American" are acceptable. If a respondent asks for a definition of "original nationality," read him the examples of acceptable responses, e.g., Polish, German, Spanish or Russian.

**Item 5: NUMBER OF BROTHERS AND SISTERS**

Say to the respondent, "Now we would like some information about the number of brothers and sisters you had. For each question I ask, please count those children alive but no longer living as well as those alive now. Also include stepchildren and children adopted by your parents."

**Item 5a: How many sisters did you have?**
Item 5b: How many of these sisters were older than you (born earlier)?

Rephrase item 5b to read, "How many of these sisters were older than you, that is, born earlier?"

If you enter "1" in item 5a, rephrase item 5b to read, "Was your sister older than you?"

Item 5c: How many brothers did you have?

Item 5d: How many of these brothers were older than you (born earlier)?

Rephrase item 5d to read, "How many of these brothers were older than you, that is, born earlier?"

Item 6a: Did any of your brothers live to age 25?

Include the parenthetical phrase beneath this item when asking the question.

Item 6b: Please indicate the highest grade of school completed by the OLDEST of your brothers who lived to age 25.

Reword item 6b to a question, "What is the highest grade of school completed by the OLDEST of your brothers who lived to age 25?" Mark the "never attended" box if the oldest brother never attended school, only attended kindergarten, or did not complete first grade.

1. If the respondent is not sure of his answer, ask him to make a guess (estimate).

2. If the respondent answers that the oldest brother "attended" rather than "completed" a certain grade, probe to determine if the grade was completed. If the grade was not completed, mark the grade one lower than the one mentioned.

3. If a respondent mentions that his brother completed a certain number of years of college, record only the academic years completed, not the actual number of years the brother attended.

4. If a respondent answers, "completed college," determine if the college was a two- or four-year college.
Item 6c: Please indicate the highest grade of school completed by the YOUNGEST of your brothers who lived to age 25.

Follow the instructions for item 6b. If a respondent mentions that only one brother lived to age 25, mark the "Only one brother who lived to age 25" box, and skip to question 7.

Item 7: Where were you living when you were 16 years old?

Read the first two choices (i.e., "Where were you living when you were 16 years old—in the same community as at the present time, or in a different community?"). Pause for a response, marking the first box if the respondent replies that it is the same community.

If you are conducting a telephone interview and the sample person responds, "in a different community," read to him the list of choices, and mark the appropriate box. (NOTE: If you are conducting a personal interview and the sample male responds, "in a different community," refer him to the choices on his questionnaire). If the respondent is not sure of the population of the area in which he lived, encourage him to guess. If he does not guess, as a last resort write the name of the city, town or rural area.

Item 8a: Were you living with both your parents most of the time up to age 16?

Follow skip instructions as directed.

Item 8b: If "No" above, who was the head of your family?

If the sample male responds "No" to item 8a, ask him "Who was the head of your family?" Read him the list of answers and mark the appropriate one. You may also enter the respondent's actual response, such as "aunt" or "uncle" next to the box you have marked (that is, next to the "other male" or "other female" box). This will help you in asking OCG-1 items 10, 11 and 12 in which you must refer to the head of the family.

Item 9: When you were about 16 years old what was your family's annual income?

For the telephone respondents not following along on a questionnaire, pause after asking the question, waiting for a response. If the respondent is hesitant about revealing his family's income assure him of the confidentiality of his answers. If he says he is unsure or does not know, ask him to estimate.
For all other respondents, ask them to pick one of the income groups listed. If a person is unsure of his family's income at that time, ask him to guess.

Item 10: In what year was your father (or the person marked in question 8b) born?

If "father" is marked in 8b, ask item 10, deleting the phrase "or the person marked in question 8b." If item 8b is filled and there is an entry other than "father," rephrase item 10 substituting the person marked in question 8b for the word "father." (Example: If a respondent answered, "aunt" in item 8b and you marked the "other female" box, ask item 10 as follows - "In what year was your aunt born?"

Item 11: Now we would like to find out what kind of work your father did when you were about 16 years old.

Read the first sentence of the introduction to item 11 to the respondent. If there is an entry in item 8b and it is other than "father," rephrase the first sentence as is done for item 10, using the appropriate wording.

Item 11a: In what kind of business or industry did he work?

Read the examples provided beneath the question for persons who do not understand the question and for telephone interviews. Enter the person's response verbatim: do not probe for any of the occupation and industry items when they are first asked. If upon review the entire set of entries is inadequate according to Section C.1.g. of this memorandum, probe to obtain an adequate set of entries. (For persons with an entry of "Mother" or "Other female" in item 8b, rephrase the question substituting "she" for "he." ) The shaded boxes beneath the answer space of this item and other occupation and industry items, are for office use and should be left blank.

Item 11b: Was this mainly manufacturing, wholesale trade, retail trade, or something else?

Item 11c: What kind of work was he doing?

Read the examples in item 11c for telephone interviews, and on personal interviews when the respondent does not understand the question.

Item 11d: What were his most important activities or duties?

Read the examples for all telephone interviews and on personal interviews, when necessary.
Item 11e: Was he -
Ask the necessary questions to ascertain the answer for this item. If the respondent already mentioned that he worked for the government or private industry, mark this item without asking.

Item 11f: Did your father (or the person marked in question 8b) USUALLY WORK when you were about 16 years of age?
Ask item 11f leaving out the phrase, "or the person marked in question 8b." If item 8b is filled and there is an entry of other than "father," rephrase 11f as is done for item 10, using the appropriate wording.

Item 12: What is the highest grade of school your father (or the person marked in 8b) completed?
Ask item 12 for the father, or the person marked in item 8b if there is an entry and it is other than "father." Fill item 12 according to the explanations for item 6b. If the person is not sure of the highest grade completed, obtain the best answer possible.

Item 13: What is the highest grade of school your mother completed?
Ask item 12 for the mother, according to points one through four in the explanations for item 6b. If "mother" was marked in item 8b (and therefore item 12 has been filled for "mother"), do not fill item 13.

Item 14: In March 1973, were you enrolled in regular school?
Ask item 14, including the sentence below the question. Skip to item 19a if "Yes" is marked.

Item 15: In March 1973, what was the highest grade of school you had COMPLETED?
Ask item 15 including the statement below the question, and fill according to the explanations for item 6b.
Skip to item 17 if the grade level you mark is between 1 and 12. Skip to item 18 if the person never attended school, just attended kindergarten or never completed first grade. If the grade level marked is between college 1 and college 5 or more, ask item 16a next.

Item 16a: What was the name and address of the college or university you LAST ATTENDED?
Item 16b: What was your field of specialization?

Read the examples especially if you are interviewing by telephone.

Item 17: In what month and year did you COMPLETE your highest grade of school?

You may abbreviate the month entry. The numerical equivalent of the month may be entered in its place.

Item 18: Describe the FIRST, FULL-TIME CIVILIAN JOB you had AFTER you completed your highest grade in school.

Rephrase item 18 to read, "Now we are interested in the first, full-time civilian job you had after you completed your highest grade in school." Also read the instruction appearing below the item. If the respondent tells you that he never worked, or never worked at a full-time civilian job since completing his highest grade in school, mark the appropriate box and skip to item 19a. Otherwise, continue with item 18a. If during a telephone interview a respondent tells you he never worked, determine if he means that he never worked at a full-time job or that he hasn't worked on any job since completing his highest grade of school.

Items 18a-18e:

Ask these occupation and industry items in the same manner as directed for OCG-1 items 11a-11e.

Item 18f: In what month and year did you BEGIN this job?

Include the statement below the question in asking this item. You may abbreviate the month entry. The numerical equivalent of the month entry may be entered in its place.

Item 19a: BEFORE you completed your highest grade in regular school, did you ever DISCONTINUE YOUR SCHOOLING FOR SIX MONTHS OR MORE?

Ask this item including the statement below it.

Item 19b: What was the highest grade you had completed the FIRST time you discontinued schooling for six months or more?

Fill item 19b according to the rules presented for item 6b.

Item 19c: In what month and year did this FIRST interruption begin?
Item 20: Have you ever been on active service in the U.S. Armed Forces or spent at least two months on active duty for training in the Reserves or National Guard?

Item 21: What is the highest grade of regular school you had completed BEFORE YOU FIRST ENTERED active military service?

Mark item 21 according to the rules presented for item 6b.

Item 22: When did you FIRST enter active military service?

Item 23: What was the date of your LAST separation from active service?

Ask item 23 including the statement below the question.

Item 24a: We have asked about your first civilian job. Now think back to March 1962. In March 1962, were you working at a civilian job or business (full time or part time)?

Ask item 24a adding the phrase below the item.

Items 24b-24f:

Ask these occupation and industry items in the same manner as directed for OOG-1 items 11a-11e.

Item 25: Do you NOW belong to a labor union?

Item 26: Have you EVER been married?

Item 27: When did you FIRST get married?

Item 28: Are you now married?

Item 29: Is this your FIRST marriage?

Item 30a: NUMBER OF WIFE'S BROTHERS AND SISTERS

How many brothers did your wife have?

If the respondent has any difficulty answering this item or the following items (30b-34) about the wife's family, ask the respondent to get this information from his wife.

Item 30b: How many sisters did your wife have?

Item 31a: Was your wife living with both her parents most of the time up to age 16?
Item 31b: If "No" above, who was the head of her family?

Ask "Who was the head of her family" for respondents with a "No" in item 31a. If you are interviewing on the telephone where the respondent is not following along on a questionnaire, read the list of answers and mark the appropriate one. You may want to enter the respondent's actual response, such as "uncle" or "aunt" in the white space of item 31a. This will be helpful in asking OCG-1 items 32 and 33 in which you must refer to the head of the wife's family.

Item 32: Now we would like to find out what kind of work your wife's father did when she was about 16 years old. (If she was not living with her father, please answer for the person marked in question 31b.)

Read the first sentence of the above statement to the respondent, unless a person other than "father" has been marked in item 31b. In such a case, substitute the person marked in item 31b for the word "father," also substitute the person marked in item 31b, preceded by the term "your wife," when asking items 32a-32e. For example, in item 32a, "In what kind of business did your wife's aunt work?"

Items 32a-32e:

Ask these occupation and industry items in the same manner as directed for OCG-1 items 1la-1le.

Item 32f: Did her father (or the person marked in question 31b) usually work when your wife was about 16 years of age?

Ask item 32f leaving out the phrase "or the person marked in question 31b." If there is an entry of other than "father" in item 31b, rephrase item 32f as is done for item 32, using the appropriate wording.

Item 33: What is the highest grade of school your wife's father (or the person checked in question 31b) completed?

Ask item 33 leaving out the phrase "or the person checked in question 31b." If a box other than "father" is marked in item 31b, rephrase item 33 as is done for item 32, using the appropriate wording. Fill according to the explanation for item 6b.

Item 34: What is the highest grade of school your wife's mother completed?

Fill according to points presented in the explanation of item 13.
Item 35: Please write in your telephone number in case it is necessary for us to contact you.

Enter the phone number in item 35 without asking the item. Generally, this information will be provided in control card item 30. For persons who have requested only personal interviews or who have no phone, enter "NA" in OCG-1 item 35.

Item 36: What is the name of the person filling this form?

Fill item 36 without asking the question. Enter the name of the person who responded to the OCG items. This should almost always be the sample person whose name appears on the label of the OCG-1.

f. After asking the OCG-1 items

After completing the interview, quickly review the completed OCG-1 to verify that all applicable items have been filled and that no items have been incorrectly marked (i.e., multiple entries). If you discover any errors or omissions, obtain the correct information at that time.

Thank the respondent for his cooperation.

g. Reviewing the completed OCG-1 for adequacy of occupation and industry entries (items 11 and 18)

After hanging up the phone or leaving the household review OCG-1 items 11a-11e (kind of work person's father did) and items 18a-18e (first full-time job after leaving school) for the completeness of the entries. If either of these two sets of occupation and industry items are blank the required information must be obtained.

As a guide to determining if the entries for these two items are adequate, the following list of categories are presented below. These guides for determining adequacy are different from the standard procedure; they are to be used for the OCG Survey only.

- Farm worker.—If it is clear that the person did farm work, regardless of the type, the entries for the item are to be considered adequate. For this purpose, it is not necessary to know whether he owned his own farm, did farm work for pay, or was an unpaid family helper.

- Professional worker.—If the person is reported as some type of professional worker such as physician, clergyman, etc., it is important to know whether the person was self-employed or not. You can determine this from the class of worker entry
(part "e" of the item), or from write-ins in the item. If the entries in items 11c, 11d, (or 18c-18d) meet the requirements, item 11 (or 18) is to be considered adequate even if "industry" (parts "a" and "b") is blank. If the class of worker is now known, consider the entries for the item inadequate.

- **Craftsmen.**—If the person is reported as some kind of craftsman or skilled worker, such as carpenter, bricklayer, barber, machinist, mechanic, or repairman (whether or not the type is specified), accept the entry even if the industry (parts "a" and "b") and class of worker (part "e") are not reported.

- **Proprietor or manager.**—If it is evident that the person was the proprietor or manager of a manufacturing plant, retail or wholesale establishment, service enterprise, or other facility, accept the entry even if the precise type of establishment is not given. For example, an entry of "proprietor - retail business" can be accepted. If it is not clear whether the person was a self-employed worker or a salaried official or manager, consider the entry for item 11e inadequate.

- **Factory worker.**—For persons employed in manufacturing plants or factories, consider the entry adequate if you can determine from it that the person operated some kind of machine, even if the type is unspecified or did some other specific task (such as inspector, packer, loader, sweeper). In addition, the general title of "laborer" is acceptable since it indicates skill level. However, general titles (such as factory worker, or mill hand) that do not indicate skill level are not acceptable.

- **Office worker.**—Accept entries indicating the person did some type of office work, such as bookkeeper, office clerk, typist or shipping clerk, even if the type of business is not clearly indicated. Where you merely have an entry of "clerk," accept it if the other entries for the item are specific enough to determine whether it is an office job or a selling job.

- **Unskilled worker.**—Accept entries indicating the person did some kind of unskilled work, such as laborer, odd job worker, yardman, sweeper or domestic, even if the industry entries (parts "a" and "b") are blank.
Other types.—For other types of entries, judge whether the occupation entries (parts "c" and "d") are reasonably clear in the broad sense described above. If the occupation entries are omitted or inadequate but can be readily inferred from the industry entries (parts "a" and "b") or class of worker information (part "e"), accept the item as being adequate. For example, if occupation is blank but there is an entry of "own grocery store" in industry, you could accept this as indicating the person was a proprietor.

Entries in item 11 indicating that his father never worked because of some disability—feeble-mindedness or hopelessly crippled or entries in item 18 which indicate that the man is incapacitated and has never worked—should be accepted as adequate. Entries of "lived in orphanage" for item 11 should also be accepted as adequate (as there would be no head of family to report on). If there is an entry in item 11 such as "father deceased," or "father deserted family," etc., this would not be acceptable. In this case the entries are to be considered inadequate and the respondent should be recontacted to find out the kind of work done by the person who headed the respondent's family when he was age 16 (item 8b).

Reask all items determined to be inadequate on the OCA-1.

h. Noninterviews

A noninterview for nonresponse cases may occur because of refusal, or in rare instances, because you are unable to contact the sample persons. Every effort is to be made to convert hesitant cases to interviewed cases. "Not available" cases should be at an absolute minimum.

If a sample person is not at home when you call, make an appointment for when he is expected to be at home. If no one is at home, try and contact the household at a different hour or on another day. For cases in which a personal visit is necessary, and you find neither the sample person nor anyone at home, arrange for an appointment or ask neighbors when the sample person is usually home.

Record each noninterview case in the same way as for each attempted visit, specifying and underlining the final status noninterview reason. Noninterview reasons may include: sample person cannot be contacted, refused, or deceased.

EXAMPLE:

C-14 (Your interviewer code)
9/28/73 telephoned household 10:00 a.m., 2:30 p.m.—no one home
FINAL STATUS—10/1/73 telephoned household—sample person refused.
Said he would not answer any of the questions.
Could not convince him to participate.
Provide as much information about the noninterview situation as possible.

i. Movers

If the sample person has moved, determine the new address. If necessary visit the post office to do so. If the person has moved within your interviewing area, follow-up the person at his new address. For movers outside your area, indicate such status on the cover of the OCG-1 and mail the OCG material for that case to your DCC immediately so that the case may be reassigned to another interviewer.

If you cannot determine the new address, enter "Person moved - cannot determine new address" and sent it to your DCC with your regular shipment.

j. Armed Forces personnel

If you find that the sample person is in the U.S. Armed Forces, determine when he joined:

- If the sample male joined the Armed Forces on or after March 17, attempt to follow-up the case if the male is now living within your interviewing area; if he is no longer living in your area, send the case back to your DCC immediately, explaining the situation.

- If the sample person joined the Armed Forces before March 17, consider the case a noninterview and note this on the OCG-1 as the reason for noninterview. Send the case back to your DCC with your regular shipment.

k. Temporarily absent cases

If you find out that a sample person is temporarily absent, determine when he is to return--

- If he will return before your interviewing deadline, hold the case for interviewing until he returns.

- If he will not return until after your interviewing deadline, determine where he is currently staying. If it is within your interviewing area, attempt to follow-up the case. If it is outside your interviewing area, send it back to your DCC immediately, noting this situation.

2. OCG-1 Fail Edit Questionnaires

In addition to OCG-1 nonresponse cases from the mail survey, you may also be assigned cases that were received in the Jeffersonville, Indiana Census office but which have failed an edit (performed in
Jeffersonville. This edit is identical to the one you will be doing after the interview for all nonresponse cases assigned (see Section C.1.g. of this memorandum). Jeffersonville personnel have circled in red those items (11a-11e, 18a-18e) which have failed the edit, as well as any other items that they noticed have been improperly completed. You will be able to identify these OCG-1 questionnaires, as they are partially filled (as opposed to the nonresponse questionnaires assigned to you which are completely blank). They will also have one or more items circled in red. Review the questionnaire before telephoning so that you know which items must be filled, and in general, what is wrong with the questionnaire.

a. Whom to interview

Interview each sample person for whom you have a totally or partially filled questionnaire with one or more items circled in red. Proxy respondent rules are the same as for nonresponse cases (as described in Section C.1.a. of this memorandum). As with the nonresponse cases, the fail-edit questionnaire will also have a label on which the sample person's name and address are included. (This will be the questionnaire returned by mail by the sample person).

b. Method of interviewing

Interview by telephone whenever possible. The respondent's phone number should be entered in item 35 on the OCG-1, or, in item 30 on the CPS control card. The telephone number on the OCG-1 is a more recent telephone number. If no telephone number is available, or if control card item 30b indicates that the household has not consented to a telephone interview, a personal visit will be necessary.

Record on the OCG-1 all attempts to interview the sample person for his missing or inadequate OCG-1 information. (See Section C.1.b. of this memorandum for an example of recording your attempts.) If the sample person is not at home when you telephone or visit the household, set up an appointment for the interview, noting the date and time of the appointment in the white space on the cover of the OCG-1, as well as the reason for the current failure to obtain an interview.

c. Introduction

No lengthy introduction is necessary for fail-edit cases as they are already familiar with the OCG Survey. Introduce yourself and the purpose of your contact in a manner similar to the following:
"Mr. __________. I am __________ from the United States Bureau of the Census. A while ago you completed a question-naire about Occupational Changes in a Generation, thank you for completing it and sending it to us. However, we find that we need some _______ 1) and/or 2) _______ ."

1) clarification of information you provided us so that we may tabulate your responses accurately,

AND/OR

2) additional information for a few items which were left blank on the questionnaire, in order to provide a more complete account of your (family's) occupational history.

d. Asking OCG-1 questions

Ask or reask each OCG-1 item whose item number is circled in red. These will be items that are completely blank or for which there is an inadequate response (which usually means there is not enough detail, when describing occupation and industry history).

When reasking any occupation or industry item, (particularly items 11a-11e and 18a-18e) be sure you obtain enough information so that the entire set of entries for that item can be classified in accordance with the guide presented in Section C.l.g. of this memorandum. When asking the occupation and industry items 11a-11e and 18a-18e for the first time, also be sure to obtain enough detail.

Draw a line through the previous entry, if any, and record the current response. Do not erase any entries previously made by the sample person.

In addition to asking the items circled in red, also ask those items which according to the skip pattern should have been filled but are currently blank.

e. Reviewing the completed OCG-1

After hanging up the phone or leaving the household, review each completed OCG-1 to be sure that each circled item has been adequately completed.

f. Noninterviews

Follow the same procedures as for nonresponse cases. See Section C.1.h. of this memorandum.
D. Shipment of materials

Keep the OCG-1, GPS-1, and control card for the sample person together. Do not send any material back to your office until all GPS-1's and OCG-1's are completed for a household.

Send your completed materials to your office on a flow basis. Your last shipment to the DOD is to be no later than the date indicated in your 11-35 assignment sheet.
SECTION II - HOME STUDY EXERCISES

SUMMARY SHEET

Instructions:
1. Complete exercises in Section II attached.
2. Correct exercises with Answer Key at end of Part A of Section II.
3. On this page, draw a line through the number of each exercise or part of an exercise you answered incorrectly.
4. Return this sheet to your DCC by the date specified above and retain Section II for reference.

1  16  26
2  17  27
3A 18  28
B  19  29
4  20A 30
5  B
6  C
7  D
8  21
9  22
10  23A
11  B
12  C
13  24
14  25A
15  B
   C
SECTION II - HOME STUDY EXERCISES

Part A

Read the following items. Choose the best answers and mark the appropriate box. Mark only one box for each home-study question unless otherwise directed. If you have difficulty answering any of these questions, refer to your instructions. However, unless otherwise directed, attempt to complete these items without the aid of your instructions. After completing Part A, go on to Part B.

1. The main subject of the Survey of Occupational Changes in a Generation (OCG) is the:
   a. ( ) Labor force status of all men
   b. ( ) Differing occupations of men and women
   c. ( ) Reasons for changes in occupations from one generation to the next.

2. Sample persons for this phase of the OCG Survey are males, all races, ages 20 through 65.
   ( ) True   ( ) False

3. Two different types of cases will be in your assignment.
   A. ___________
   B. ___________

4. You will be able to distinguish nonresponse from fail-edit questionnaires. The nonresponse questionnaires will be totally blank on the inside paper, and the fail-edit questionnaires will be partially or totally filled and will have one or more item numbers circled in red.
   ( ) True   ( ) False

5. You will be interviewing persons who have never received any literature about the Survey of Occupational Changes in a Generation.
   ( ) True   ( ) False

6. If at all possible, both nonresponse and fail-edit cases are to be interviewed by:
   a. ( ) personal visit
   b. ( ) telephone
   c. ( ) either personal visit or telephone
7. If a respondent is unavailable for interview, you may always interview any knowledgeable person.  
   (□) True  (□) False  

6. The telephone number for nonresponse cases appears _______.  

9. The telephone number for fail-edit cases should be taken from ___________.  

10. You will record each attempt to make contact with the sample person for both nonresponse and fail-edit cases.  
    (□) True  (□) False  

11. For all noninterview households you will enter the following on the cover of the OCG-1: (Mark all that apply)  
   a. (□) Your interviewer code  
   b. (□) Date  
   c. (□) Time of day  
   d. (□) Telephone or personal visit attempted  
   e. (□) Age of sample person  
   f. (□) Noninterview type (away on vacation, refused)  
   g. (□) Details on why the case is noninterview, and who informed you about the situation  
   h. (□) All of the above  

12. If you discover that a sample person has moved, what should you do? (Mark all that apply)  
   a. (□) Consider the case noninterview  
   b. (□) Attempt to follow him up at his new address if it is within your interviewing area  
   c. (□) Send the materials for the sample person back to your DCC, explaining that the person has moved  
   d. (□) Send the materials for the sample person back to your DCC explaining that the sample person has moved, only if the sample male has moved outside of your interviewing area  

13. For nonresponse cases, you should have the sample person follow along on a blank OCG-1 as you ask the questions.  
    (□) True  (□) False
14. Ask all OCG-1 items exactly as worded.
   ( ) True  ( ) False

15. For fail-edit questionnaires, ask only these items circled in red.
   ( ) True  ( ) False

16. If there is already an entry in an OCG-1 item that has been circled in red on a fail-edit questionnaire, you should:
   a. ( ) Ignore that item; do not reask it
   b. ( ) Reask the item. Erase the old response and enter the new one
   c. ( ) Reask the item. Cross out the old response and enter the new one
   d. ( ) None of the above

17. For nonresponse cases, first ask all occupation and industry items without probing (that is, OCG-1 items 11, 18, 24 and 32).
   ( ) True  ( ) False

18. For nonresponse cases, after the interview, when at home or in your car, review items 11 and 18 for completeness according to the guidelines set in Section 1.C.1.g. of this memorandum. Recontact sample persons whose entire set of responses for either of these items are inadequate.
   ( ) True  ( ) False

19. For fail-edit cases, always ask occupation and industry items that have been circled in red without probing (that is, OCG-1 items 11, 18, 24 and 32).
   ( ) True  ( ) False

20. Consider the following occupation and industry entries for items 11 and 18. By using the examples in Section 1.C.1.g., determine whether the following combination of entries are adequate, or not. If they are inadequate, state what is needed to correct them.
<table>
<thead>
<tr>
<th>OCG Item Number</th>
<th>Entry</th>
<th>Adequate</th>
<th>Inadequate</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>a. photocopying</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. manufacturing</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. manager</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. managed other employees</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. an employee of a PRIVATE company...</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Specify correction needed:</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.</td>
<td>a. dental</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. something else</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. dentist</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. filled cavities</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. (blank)</td>
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<td></td>
<td>Specify correction needed:</td>
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<tr>
<td>C.</td>
<td>a. mechanic</td>
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<td></td>
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<tr>
<td></td>
<td>b. (blank)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. fixing cars</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>d. (blank)</td>
<td></td>
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<td></td>
<td>e. an employee of a PRIVATE company...</td>
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<td></td>
<td>Specify correction needed:</td>
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<tr>
<td>D.</td>
<td>a. office work</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>b. don't know</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. office work</td>
<td></td>
<td></td>
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<td></td>
<td>d. doing office work</td>
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<td>e. a GOVERNMENT employee...</td>
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<td></td>
<td>Specify correction needed:</td>
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</tbody>
</table>

-25-

277
1. Mr. Hannes, in response to OCG-1 item 4, tells you during a telephone interview that he does not understand what you mean by the term, "original nationality." What should you do?
   a. □ Explain that original nationality means the origin or descent of the person, or the person's ethnic lineage.
   b. □ Read the examples given in the item.
   c. □ Tell the respondent to answer according to whatever he thinks that definition is.
   d. □ Tell him it means latest country from which his relatives (present or deceased) moved from to the United States.

2. Mr. Young in response to OCG-1 item 4, tells you that his original nationality is Jamaican and African. What should you enter in item 4?
   a. □ Jamaican
   b. □ African
   c. □ Jamaican/African

3. What box should you mark in OCG-1 item 6b for the following cases:
   A. Brother Sam whose highest grade attended was 10th grade?
      a. □ 9th grade
      b. □ 10th grade
      c. □ Probe to determine if Sam completed the 10th grade

   B. Brother Michael who completed his senior year in high school?
      a. □ 11th grade
      b. □ 12th grade
      c. □ None of the above

   C. Brother Leroy who completed his first year of graduate school?
      a. □ 4 college
      b. □ 5 college or more
      c. □ None of the above
24. Mr. Robinson answers, in response to OCG-1 item 7, that he lived in a different community. What should you do? (Mr. Robinson is a telephone respondent and does not have a questionnaire to follow along.)

a. □ Circle the words "in a different community" in the answer column.

b. □ Ask the respondent for the name of the place where he lived, and use your judgment in marking one of the boxes under the title, "In a different community."

c. □ Read down the list of possible answers, and mark the appropriate box.

d. □ None of the above.

25. Mr. Holt tells you, in response to OCG-1 item 9, that he really does not know his family's income at that time. What should you do?

a. □ Leave item 9 blank

b. □ Ask Mr. Holt to estimate

c. □ Mark the "no income" box

26. Mr. Hamilton tells you that the head of his family was his aunt, in response to OCG-1 item 8b (head of family most of time up to age 16). What should you mark in item 8b for Mr. Hamilton?

a. □ Father

b. □ Mother

c. □ Other male

d. □ Other female

27. How should you read OCG-1 item 11 for Mr. Hamilton?
28. In response to OCG-1 item 30a, Mr. Washington tells you that he's not sure of the number of brothers his wife had. What should you do?
   a. ( ) Ask Mr. Washington to guess
   b. ( ) Leave item 30a blank
   c. ( ) Ask Mr. Washington to check with his wife for the information

29. What should you enter in OCG-1 item 36?
   a. ( ) Your name
   b. ( ) The sample person's name
   c. ( ) Leave item 36 blank

30. Always keep the CPS Control Card photocopy, the CPS-1, and any OCG-1's for a particular household together, inside of the CPS-1.
   ( ) True     ( ) False
SECTION II - ANSWER KEY TO PART A

1. c
2. True
3. A. Nonresponse cases
    B. Fail-edit cases
4. True
5. False - Sample cases have been mailed an OCG-1 questionnaire on three occasions as well as one reminder card. Some persons have never responded to these OCG-1's (nonresponse cases) and some have (fail-edit cases). We need further information from both of these groups.
6. b
7. False. You may only interview a proxy respondent if the sample person is mentally incompetent; if the sample person is unavailable after repeated prearranged telephone callbacks; or if you are on a personal visit when the sample person is not at home and there is no telephone.
9. OCG-1 item 35.
10. True
11. a, b, c, d, f, g
12. b, d
13. True
14. False. Certain items need to be reworded since the questions were designed for self-enumeration and not for telephone or personal interview.
15. False. Also ask items, which according to the skip pattern, should have been filled, but are currently blank.
16. c
17. True
18. True
19. False. If after asking the items circled in red you determine that the entire occupation and industry entry (parts a-e) as a set, is inadequate, then a probe is necessary in order to obtain an adequate set of entries.
20. A. adequate
    B. inadequate - need to know if self-employed or not (see I.C.L.f. - professional worker)
    C. adequate
    D. adequate
21. b
22. c
23. A. c. If upon probing you determine the 10th grade had been completed, mark the 10th grade box. If you find that Sam had not completed the 10th grade, mark the 9th grade box.
   B. b
   C. b
24. c
25. b
26. d ("Aunt" may be entered next to the "other female" box to aid in asking item 11).
27. Now we would like to find out what kind of work your aunt did when you were about 16 years old.
28. c
29. b
30. True
Part B (Practice Interviews)

The following practice interviews will help you to obtain a fuller understanding of the concepts and procedures used for the OCC Survey. Do not refer to your instructions when completing this part of the home study. Use a blank OCC-1 to record your answers to practice interview number 1. After completing these interviews, check your answers, and reread those portions of Section I which relate to the items which you incorrectly marked.

Practice Interview Number 1: Follow-up of a nonresponse case

Upon telephoning the Johnson household you ask to speak with the sample person, William A. Johnson. You introduce yourself and the purpose for your phone call as follows: (Write in your introduction):

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Upon completing your introduction you ask Mr. Johnson if he has one of the OCC-1's you mailed to him so that he can follow along as you ask him the questions. Mr. Johnson tells you he'll get one.

You begin the interview.
Item

1  I:  Where were you born, in the United States or in some other country?
     R:  In the United States
     I:  Which State?
     R:  New York.

2  I:  In what country was your father born?
     R:  In the United States.
     I:  Which State?
     R:  Illinois.

3  I:  In what country was your mother born?
     R:  In the United States.
     I:  Which State?
     R:  Georgia.

4  I:  What is the original nationality of your family on your father's side? That is, what was it before coming to the United States?
     R:  They were from England, but I don't know where.

5a I:  Now we would like some information about the number of brothers and sisters you had. For each question I ask, please count those children born alive but no longer living, as well as those alive now. Also include stepchildren and children adopted by your parents. (Pause) How many sisters did you have?
     R:  I had one sister.

5b I:  Was your sister older than you; that is, born earlier?
     R:  No. My sister is younger.

5c I:  How many brothers did you have?
     R:  Three.

5d I:  How many of these brothers were older than you; that is, born earlier?
     R:  Two of them are older.

6a I:  Did any of your brothers live to age 25? Do not count yourself or brothers less than 25 years old.
     R:  Yes, all three of my brothers.
6b

I: What is the highest grade of school completed by the oldest of your brothers who lived to age 25?
R: He went to his senior year of high school.
I: Did he complete his senior year?
R: No.

6c

I: What is the highest grade of school completed by the youngest of your brothers who lived to age 25?
R: He's still going to school. He's in his second year of college.
I: Has he completed that year yet?
R: No.

7

I: Where were you living when you were 16 years old - in the same community as at the present time, or in a different community?
R: In a different community.
I: Which one in the list would it be?
R: In a middle-sized city.

8a

I: Were you living with both your parents most of the time up to age 16?
R: No. My father died when I was 7.

8b

I: Who was the head of your family?
R: My mother.

9

I: When you were about 16 years old, what was your family's annual income?
R: I don't know.
I: Could you give me an estimate?
R: I'd say it was around $4,500.

10

I: In what year was your mother born?
R: She was born in 1920.

11

I: Now we would like to find out what kind of work your mother did when you were about 16 years old.
In what kind of business or industry did she work?
R: She was bookkeeper for a hardware store.
11b  I:  Was this mainly manufacturing, wholesale trade, retail trade, or something else?
R:  It was retail trade.

11c  I:  What kind of work was she doing.
R:  Bookkeeping.

11d  I:  What were her most important activities or duties?
R:  Keeping books and paying bills.

11e  Mark without asking

11f  I:  Did your mother usually work when you were about 16 years of age?
R:  Yes.

12  I:  What is the highest grade of school your mother completed?
R:  I think it was only the 11th grade. She left school in her senior year to marry my father.

14  I:  In March 1973, were you enrolled in regular school? Do not include business, vocational, technical training, apprenticeships, or on-the-job training.
R:  No.

15  I:  In March 1973, what was the highest grade of school you had completed? Do not include business, vocational, technical training, apprenticeships, or on-the-job training.
R:  I completed two years of college.

16a  I:  What was the name and address of the college or university you last attended?
R:  City College—CCNY; located in Manhattan, N.Y.

16b  I:  What was your field of specialization?
R:  I didn't have any.

17  I:  In what month and year did you complete your highest grade of school?
R:  June 1966.
18 I: Now we are interested in the first full-time civilian job you had after you completed your highest grade in school. Include full-time work in a family business or farm, even if you were working without pay. Do not count military service.

18a R: What kind of business or industry was this?

18b I: The State Water Authority.

18c R: Was this mainly manufacturing, wholesale trade, retail trade or something else?

18d R: It's State government.

18c I: What kind of work were you doing?

18d R: Cartographic.

18d I: What were your most important activities or duties?

R: Making charts.

18f I: In what month and year did you begin this job? Report the month and year in which you actually began this job, even if you started the job before you completed your highest grade in school.

R: It was in April 1966.

19a I: Before you completed your highest grade in regular school, did you ever discontinue your schooling for six months or more? Be sure to include all six-month interruptions for military service between high school and college, etc.

R: No.

20 I: Have you ever been on active service in the U.S. Armed Forces or spent at least two months on active duty for training in the Reserves or National Guard?

R: No.

24 I: We have asked about your first civilian job. Now think back to March 1962.

24a R: In March 1962, were you working at a civilian job or business (full time or part time)? Do not count military service.

R: No. I was still in school then.
<table>
<thead>
<tr>
<th>Item</th>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>I: Do you now belong to a labor union?</td>
<td>R: No.</td>
</tr>
<tr>
<td>26</td>
<td>I: Have you ever been married?</td>
<td>R: Yes.</td>
</tr>
<tr>
<td>28</td>
<td>I: Are you now married?</td>
<td>R: Yes.</td>
</tr>
<tr>
<td>29</td>
<td>I: Is this your first marriage?</td>
<td>R: Yes.</td>
</tr>
</tbody>
</table>
| 30a  | I: How many brothers did your wife have?                                 | R: I'm not really sure.  
                  |                       | R: Perhaps you can consult with her. |
|      |                                                                        | R: Wait a minute, let me give my wife the questionnaire. (Husband consults wife.) She says five. |
| 30b  | I: How many sisters did your wife have?                                  | R: She says she never had any sisters. |
| 31a  | I: Was your wife living with both her parents most of the time up to age 16? | R: She says yes. |
| 32   | I: Now we would like to find out what kind of work your wife's father did when she was about 16 years old. | R: She says that he worked in the automotive industry. |
| 32a  | In what kind of business or industry did he work?                       | R: She says it was manufacturing. |
| 32b  | I: Was this mainly manufacturing, wholesale trade, retail trade, or something else? | R: She says he was a tool and die maker. |
| 32c  | I: What kind of work was he doing?                                       | R: She says he redesigned dies for new model cars. |
| 32d  | I: What were his most important activities or duties?                    | R: She says he redesigned dies for new model cars. |
OCG INT MEMO 73-2

Item

32f I: Did her father usually work when your wife was about 16 years of age?
R: She says yes.

33 I: What is the highest grade of school your wife's father completed?
R: She says he completed the 12th grade.

34 I: What is the highest grade of school your wife's mother completed?
R: She says that her mother finished the eighth grade.

35 I: What is your telephone number, including the three digit area code, in case it is necessary for us to contact you?
R: It's 212-542-2488.

36 Fill in William Johnson's name

I: This completes the interview. Thank you for your cooperation.
Practice Interview Number 2: Follow-up of a fail-edit case

Below is a page from John Douglas' OCG-1 questionnaire, which has failed an edit.

11. Now we would like to find out what kind of work your father did when you were about 16 years old. If you were not living with your father, please answer for the person marked in question 8b.

11a. In what kind of business or industry did he work?
(For example: TV and radio manufacturing, retail shoe store, State Labor Department, farm)

**DEPARTMENT STORE**

11b. Was this mainly manufacturing, wholesale trade, retail trade, or something else?

- [ ] Manufacturing
- [x] Retail trade
- [ ] Wholesale trade
- [ ] Something else

11c. What kind of work was he doing?
(For example: electrical engineer, stock clerk, farmer)

**CLERK**

11d. What were his most important activities or duties?
(For example: kept account books, filed, sold cars, operated printing press, finished concrete)

11e. Was he - (Mark one)

- [x] An employee of a PRIVATE company, business, or individual for wages, salary or commissions?
- [ ] A GOVERNMENT EMPLOYEE (Federal, State, county or local government)?
  - [ ] Self-employed in OWN business, professional practice or farm?
  - [ ] Own business not incorporated (or farm)
  - [x] Own business incorporated
- [ ] Working WITHOUT PAY in his family's business or farm?

12. What is the highest grade of school your father (or the person marked in 8b) completed?
   If you are not sure, please make a guess. (Mark one)

- [ ] Never attended school

<table>
<thead>
<tr>
<th>Grades 1 to 12</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 First</td>
<td>7 Seventh</td>
</tr>
<tr>
<td>2 Second</td>
<td>8 Eighth</td>
</tr>
<tr>
<td>3 Third</td>
<td>9 Ninth</td>
</tr>
<tr>
<td>4 Fourth</td>
<td>10 Tenth</td>
</tr>
<tr>
<td>5 Fifth</td>
<td>11 Eleventh</td>
</tr>
<tr>
<td>6 Sixth</td>
<td>12 Twelfth</td>
</tr>
</tbody>
</table>

College (academic years)

- [ ] C 1
- [ ] C 2
- [ ] C 3
- [ ] C 4
- [ ] C 5 or more

13. What is the highest grade of school your mother completed?
   If you are not sure, please make a guess. (Mark one)

- [ ] Never attended school

<table>
<thead>
<tr>
<th>Grades 1 to 12</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 First</td>
<td>7 Seventh</td>
</tr>
<tr>
<td>2 Second</td>
<td>8 Eighth</td>
</tr>
<tr>
<td>3 Third</td>
<td>9 Ninth</td>
</tr>
<tr>
<td>4 Fourth</td>
<td>10 Tenth</td>
</tr>
<tr>
<td>5 Fifth</td>
<td>11 Eleventh</td>
</tr>
<tr>
<td>6 Sixth</td>
<td>12 Twelfth</td>
</tr>
</tbody>
</table>

College (academic years)

- [ ] C 1
- [ ] C 2
- [ ] C 3
- [ ] C 4
- [ ] C 5 or more

14. In March 1973, were you enrolled in regular school?
   DO NOT INCLUDE business, vocational, technical, apprenticeships, or
OGC INT MEMO 73-2

Notice that item numbers l1c, l1d and l2 are circled. These are the items which need to be reasked in order to obtain more adequate entries.

When you telephone the Douglas household, Mr. Douglas answers the telephone. You introduce yourself and the reason you are calling:

You obtain the correct information by: (Check all that apply.)

a. ☐ Reasking each item circled with any major lead-in statement presented before the item.

b. ☐ Probing immediately. That is, by stating the answer already entered in each item circled, without reasking the item first.

c. ☐ Probing after reasking the circled item if the current answer is still unsatisfactory.

d. ☐ Reasking only the item circled, excluding any lead-ins.

Thus, you would say:

Item
l1c I: I need some clarification on—the kind of work your father did when you were about 16 years old. (Assume for this practice exercise that Mr. Douglas was living with his father at that time.) What kind of work was he doing?

R: He was a clerk in a department store.

l1d I: What were his most important activities or duties?

R: He was just a clerk.

I: Could you be a little more specific. What exactly did he do? What were his specific tasks?

R: He processed accounts receivable in the credit office.
Item
12

I: What is the highest grade of school your father completed?

R: He completed the second year of college.

I: This completes the interview. Thank you for your cooperation.

Based on the above interview, make the necessary corrections on the page from Mr. Douglas' OCG-1 questionnaire.
OG INT MEMO 73-2

Answer Key to Practice Interviews

Practice Interview No. 1: Follow-up of a nonresponse case

Mr. Johnson, I am _______ from the United States Bureau of the Census. A while ago you were mailed an Occupational Changes in a Generation Survey questionnaire which we have not yet received back. Since this is a sample survey it is important that we have everyone participate; thus, we are contacting all persons from whom we have not yet received a questionnaire. I would like to complete the interview now.

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>United States: New York</td>
</tr>
<tr>
<td>2</td>
<td>United States: Illinois</td>
</tr>
<tr>
<td>3</td>
<td>United States: Georgia</td>
</tr>
<tr>
<td>4</td>
<td>English (or England)</td>
</tr>
<tr>
<td>5a</td>
<td>1</td>
</tr>
<tr>
<td>5b</td>
<td>None</td>
</tr>
<tr>
<td>5c</td>
<td>3</td>
</tr>
<tr>
<td>5d</td>
<td>2</td>
</tr>
<tr>
<td>6a</td>
<td>Yes</td>
</tr>
<tr>
<td>6b</td>
<td>11</td>
</tr>
<tr>
<td>6c</td>
<td>College 1</td>
</tr>
<tr>
<td>7</td>
<td>In a middle-sized city or small town...</td>
</tr>
<tr>
<td>8a</td>
<td>No</td>
</tr>
<tr>
<td>8b</td>
<td>Mother</td>
</tr>
<tr>
<td>9</td>
<td>$4,000-4,999</td>
</tr>
<tr>
<td>10</td>
<td>1920</td>
</tr>
<tr>
<td>11a</td>
<td>Hardware store</td>
</tr>
<tr>
<td>11b</td>
<td>Retail trade</td>
</tr>
<tr>
<td>11c</td>
<td>Bookkeeping</td>
</tr>
<tr>
<td>11d</td>
<td>Keeping books and paying bills</td>
</tr>
<tr>
<td>11e</td>
<td>Private</td>
</tr>
<tr>
<td>11f</td>
<td>Yes</td>
</tr>
<tr>
<td>12</td>
<td>11</td>
</tr>
<tr>
<td>13</td>
<td>(Do not ask item 13 as you have already asked for the mother's education in item 12)</td>
</tr>
<tr>
<td>14</td>
<td>No</td>
</tr>
<tr>
<td>15</td>
<td>College 2</td>
</tr>
</tbody>
</table>
## OCG INT MEMO 73-2
### Answer Key

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Entry</th>
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</thead>
<tbody>
<tr>
<td>16a</td>
<td>City College—CCNY Manhattan N.Y.</td>
</tr>
<tr>
<td>16b</td>
<td>No specialization</td>
</tr>
<tr>
<td>17</td>
<td>June 1966</td>
</tr>
<tr>
<td>18</td>
<td>-</td>
</tr>
<tr>
<td>18a</td>
<td>State Water Authority</td>
</tr>
<tr>
<td>18b</td>
<td>Something else</td>
</tr>
<tr>
<td>18c</td>
<td>Cartographic</td>
</tr>
<tr>
<td>18d</td>
<td>Making charts</td>
</tr>
<tr>
<td>18e</td>
<td>Government</td>
</tr>
<tr>
<td>18f</td>
<td>April 1966</td>
</tr>
<tr>
<td>19a</td>
<td>No</td>
</tr>
<tr>
<td>19b</td>
<td>-</td>
</tr>
<tr>
<td>19c</td>
<td>-</td>
</tr>
<tr>
<td>20</td>
<td>No</td>
</tr>
<tr>
<td>21</td>
<td>-</td>
</tr>
<tr>
<td>22</td>
<td>-</td>
</tr>
<tr>
<td>23</td>
<td>-</td>
</tr>
<tr>
<td>24a</td>
<td>No</td>
</tr>
<tr>
<td>24b</td>
<td>-</td>
</tr>
<tr>
<td>24c</td>
<td>-</td>
</tr>
<tr>
<td>24d</td>
<td>-</td>
</tr>
<tr>
<td>24e</td>
<td>-</td>
</tr>
<tr>
<td>24f</td>
<td>-</td>
</tr>
<tr>
<td>25</td>
<td>No</td>
</tr>
<tr>
<td>26</td>
<td>Yes</td>
</tr>
<tr>
<td>27</td>
<td>September 1967</td>
</tr>
<tr>
<td>28</td>
<td>Yes</td>
</tr>
<tr>
<td>29</td>
<td>Yes</td>
</tr>
<tr>
<td>30a</td>
<td>5</td>
</tr>
<tr>
<td>30b</td>
<td>None</td>
</tr>
<tr>
<td>31a</td>
<td>Yes</td>
</tr>
<tr>
<td>31b</td>
<td>-</td>
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0.43

OG INT MEMO 73-2
Answer Key

<table>
<thead>
<tr>
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<th>Entry</th>
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</thead>
<tbody>
<tr>
<td>32a</td>
<td>Automotive</td>
</tr>
<tr>
<td>32b</td>
<td>Manufacturing</td>
</tr>
<tr>
<td>32c</td>
<td>Tool and die maker</td>
</tr>
<tr>
<td>32d</td>
<td>Redesign dies for new model cars</td>
</tr>
<tr>
<td>32e</td>
<td>Private</td>
</tr>
<tr>
<td>32f</td>
<td>Yes</td>
</tr>
<tr>
<td>33</td>
<td>12</td>
</tr>
<tr>
<td>34</td>
<td>8</td>
</tr>
<tr>
<td>35</td>
<td>212-542-2488</td>
</tr>
<tr>
<td>36</td>
<td>William Johnson</td>
</tr>
</tbody>
</table>

Practice Interview No. 2: Follow-up of a fail-edit case

Mr. Douglas, I am ___________ from the United States Bureau of the Census. A while ago you completed a questionnaire about occupational changes in a generation. Thank you for completing it and sending it to us. However, we find that we need some clarification of information you provided us with so that we may tabulate your responses accurately.

You obtain the correct information by:

   a, c
Correction of Mr. Douglas' fail-edit questionnaire

11. Now we would like to find out what kind of work your father did when you were about 16 years old. If you were not living with your father, please answer for the person marked in question 8b.

11a. In what kind of business or industry did he work?
(For example: TV and radio manufacturing, retail shoe store, State Labor Department, farm)

[Department Store]

11b. Was this mainly manufacturing, wholesale trade, retail trade, or something else?

[Manufacturing: 1, Retail trade: 3, Wholesale trade: 2, Something else: 4]

11c. What kind of work was he doing?
(For example: electrical engineer, stock clerk, farmer)

[CLerk]

11d. What were his most important activities or duties?
(For example: kept account books, filed, sold cars, operated printing press, finished concrete)

[Processing Accounts Receivable]

11e. Was he — (Mark one)

1. An employee of a PRIVATE company, business, or individual for wages, salary or commissions?

2. A GOVERNMENT EMPLOYEE (Federal, State, county or local government)?

   a. Self-employed in OWN business, professional practice or farm?

   b. Own business not incorporated (or farm)

   c. Own business incorporated

3. Working WITHOUT PAY in his family’s business or farm?

12. What is the highest grade of school your father (or the person marked in 8b) completed?

If you are not sure, please make a guess.

(Mark one)

[0: Never attended school]

Grades 1 to 12

1. First
2. Second
3. Third
4. Fourth
5. Fifth
6. Sixth

7. Seventh
8. Eighth
9. Ninth
10. Tenth
11. Eleventh

College (academic years)

13. C 1
14. C 2
15. C 3

16. C 4
17. C 5 or more

13. What is the highest grade of school your mother completed?

If you are not sure, please make a guess.

(Mark one)

[0: Never attended school]

Grades 1 to 12

1. First
2. Second
3. Third
4. Fourth
5. Fifth
6. Sixth

7. Seventh
8. Eighth
9. Ninth
10. Tenth
11. Eleventh

12. Twelfth

College (academic years)

13. C 1
14. C 2
15. C 3

16. C 4
17. C 5 or more

18. C 6

14. In March 1973, were you enrolled in regular school?

DO NOT INCLUDE business, vocational, technical training, apprenticeships, or on-the-job training.

[1: Yes]

[2: No]
Date: August 29, 1973

OGG INTERVIEWER'S MEMORANDUM NO. 73-2 - Supplement 1

To: OCG Interviewers

From: Richard C. Burt
Chief, Field Division

Subject: Use of Proxy Respondents in Phase Two of the Occupational Changes in a Generation Survey (OCG) - Project 9496

Sections I.C.1a and I.C.1e (Item 36) of the OCG INT MEMO 73-2 discuss the use of proxy respondents. The procedures to be used for proxy respondents have been revised as follows:

A proxy respondent is acceptable if the sample person is mentally incompetent. The preferred proxy respondents include the wife, mother, father, brother or sister of the sample person—provided this person is knowledgeable and 14 years of age or older. If none of the preferred proxy respondents are available, you may obtain the OCG-1 information from any other knowledgeable household member age 14*.

Proxy respondents may also be used if:

- After repeated prearranged callbacks the sample person is still not at home.
- On a personal visit the sample person is not at home and there is no telephone.

In all cases when a proxy respondent is used, enter the proxy respondents name and relationship to the sample person in OCG-1 item 36. For example, if Mr. Ellison's wife, Jane, responds for Mr. Ellison, enter "Jane Ellison-wife" in OCG-1 item 36.
Date: September 10, 1973

OCG INTERVIEWER'S MEMORANDUM 73-2 - Supplement II

To: OCG Interviewers

From: Richard C. Burt
Chief, Field Division

Subject: Survey of Occupational Changes in a Generation Survey (OCG) - Project 9496

You have been selected to work on the follow-up of nonresponse and fail-edit cases to the Occupational Changes in a Generation Survey. This survey was conducted by mail, but a number of persons have not returned the questionnaires and some questionnaires which were returned were not fully completed.

To prepare you to do this work you will be required to attend a one-day class which covers the completion of your payroll forms, general information on how to interview, a review of the OCG questionnaire, and your job in completing the survey. The details of the training session are enclosed.

To prepare for the training, please read Section I of the enclosed Interviewer's Memorandum 73-2. Then complete Section II of that memorandum, fill the Summary Sheet, and return it to the office. Bring these sections with you to the training class. If you have any questions, please make a note of them so that they are answered during the training.

Enclosure
OOG INTERVIEWER MEMORANDUM NO. 73-5

To: OOG Interviewers

From: Richard C. Burt
Chief, Field Division

Subject: Resolving Certain Interviewer Situations (Project 9496)

I. Sample Person Claims he has Already Mailed Questionnaire

For nonresponse cases, if you are told that the sample person has already mailed the OCG-1 questionnaire to Jeffersonville, explain to him that we do not have a record of receipt of the questionnaire. Ask when the questionnaire was mailed, enter this information on the cover of the OCG-1 and obtain the information again, even if his date of mailing was just a few days ago.

If the sample person (or proxy) is reluctant to give the information again, explain the need for the information (Section C.1.c, OCG INT MEMO 73-2) and the necessity of your obtaining the information now. If he still refuses to give the information a second time, explain the situation in detail on the cover of the OCG-1.

II. Questionnaire Completed by Sample Person and Ready to be Mailed

When you first contact the sample person the questionnaire may already be completed and ready for mailing. If so, edit the form and obtain information for any missing items. Then thank him for completing the questionnaire.

If you make the initial contact by telephone, have the respondent read the information so you can enter it on your questionnaire. If the respondent does not want to give the information over the telephone, arrange to pick up the completed questionnaire. Then edit the questionnaire and reask any questions necessary.

With the exception of the telephone situation, write a note of explanation on the completed questionnaire to the effect that the questionnaire was already filled prior to your visit. Place the questionnaire assigned to you inside the completed one for shipment to your office.
III. Cases that Have Never been Mailed a Questionnaire

There will be a small number of cases in which an OCG-1 questionnaire was never sent to the sample person. These cases will be identified by a hand written name and address in place of a white label on the OCG-1 you receive.

The introduction you will use for these cases will have to be varied so that no reference is made to the respondent receiving a previous OCG-1 questionnaire.
Date: September 17, 1973

OG OFF MEMO 73-17

To: Directors
Data Collection Centers

From: Richard C. Burt
Chief, Field Division

Subject: Office Procedures for Phase Two of the Occupational Changes in a Generation Survey (OG) - Project 9496

I. Background

As stated in OCG OFFICE MEMORANDUM 73-14, we will conduct a follow-up of nonrespondents (an estimated 15,000 cases nationwide) and fail-edit cases (an estimated 4,500 nationwide) from the mailout phase of the OCG Survey.

II. Key Dates

September 19   Beginning of flow shipments of fail-edit cases from Jeffersonville. (Should be received in the DCC's by September 24.)

September 28   Shipment of nonresponse OCG-1 cases. (Should be received in the DCC's during the week of October 1.)

October 15     Begin Progress Reports.

November 30    Office closeout.

III. General Procedures

Fail-edit and nonresponse cases are to be followed up by telephone interview whenever possible. Interviewers will edit all nonresponse cases which are followed up successfully. In addition, your office will also edit each case (both fail-edit and nonresponse).

IV. Materials

A. For each nonresponse case we will send one labelled OCG-1 questionnaire.

B. For each fail-edit case we will send one filled OCG-1 questionnaire.

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OG OFF MEMO 73-17

C. Control Cards

You will receive the Control Cards for all nonresponse cases as of September 10 for Rotations 1-4, Sample A-30/C-14 which are stored in Jeffersonville, and photocopies of Control Cards from October '72 CPS used for the Spanish supplemental sample for OCG (to be shipped from Washington).

D. You will also receive a supply of:

1. Blank OCG-1 questionnaires.
2. Interviewer's Memorandum No. 73-2.

V. Selection of Interviewers

As specified in OG OFFICE MEMORANDUM 73-14, paragraph C., you may recruit new interviewers (GG-3) for this survey, in addition to the current program interviewers you select. There are no special requirements for experienced interviewers.

VI. Training

Training for newly hired interviewers will be by home study and classroom training. Interviewers from current survey programs will receive only a home-study package (OGG INT MEMO 73-2) which covers the procedures for the follow-up of the nonresponse and fail-edit cases.

A. New Interviewers

Interviewers hired expressly for the OCG follow-up will receive the home-study package and one day of classroom training on payroll, interviewing techniques, a review of the home study, and some practice narratives. Each of these interviewers should be scheduled for observation on her first assignment. These interviewers should receive Supplement II to OCG INT MEMO 73-2. A memorandum from the DCC giving the details of the training plans should accompany this.

Assignments may be given out at training or sent with the home study with instructions to hold them until after the training session.

The bulk of the follow-up workload will be mailed from Jeffersonville on September 28 so arrange your training date(s) accordingly. We will send the training materials by September 21. Notify us of your training plans by submitting Form 11-107.
B. Current Program Interviewers

Interviewers are instructed to complete their home study, correct it themselves, complete the summary sheet and return it to your office by the date you specify. Contact interviewers who have not completed the home study by the specified date.

Schedule observations of OCG interviewers as needed. That is, if an interviewer has a large number of incorrect answers on her home study summary sheet or if an interviewer lacks experience, assign her for observation.

Experienced interviewers may begin work as soon as they complete their home study and have received their assignment, unless notified by you.

C. All Interviewers

Send the following materials to each interviewer for the home study:

1. Sections I and II of OCG INT MEMO 73-2

2. OCG INT MEMO 73-2, Supplement 1 (Send OCG INT MEMO 73-2, Supplement 2 to new interviewers only)

3. One blank OCG-1 questionnaire

In addition to observations made by DCC office personnel, there will be some observations of experienced interviewers by Washington personnel.

VII. Office Preparation

Before assigning the cases for interviewer follow-up:

A. Fail-Edit Cases

For fail-edit OCG-1’s, look at OCG item 35 and separate those OCG-1’s with a telephone number from those without a telephone number. For those with a telephone number, the initial follow-up attempt should be made by telephone. For cases without telephone numbers entered you have the option of the following:

1. Have office personnel determine the phone number by searching through CFS Control Cards stored in your DCC (Rotations 5-8), or consulting the appropriate telephone directories.

-3-

303
OG OFF MEMO 73-17

a. Spanish sample cases—these cases have serial numbers of 50 or higher appearing on the label of the OCG-1.

EXAMPLE: Illustration of a label on the OCG-1

```
  PSU  Rotation  Segment Number  Serial Number  Disregard  Line Number

  .394  021       53             8            03

John Doe
8024 Censustaking Street
Anytown, ND  58450
```

CPS Control Cards for these OCG Spanish cases will be sent to you labelled as "OGC Spanish sample cases." The telephone number can be transcribed to OCG-1 item 35 from CPS Control Card item 30, or the Control Card can be inserted inside of the matching OCG-1 for the interviewer to use. (The control number for the Spanish sample on the Control Card is the "written in" number. The old control number from October 72 CPS has been lined out and the new number entered above it.)

b. Non-Spanish sample cases—these cases have serial numbers lower than 50. The matching CPS Control Cards for Sample A31/C15 Rotations 5-8 are in your DCC. Either the telephone number can be transcribed to the OCG-1, or the Control Card can be inserted inside of the OCG-1. If you need a Control Card for a case in Rotation 1, 2, 3, or 4, contact Kenneth Frail, Field Division.

OR

2. Have the interviewer determine the phone number herself by consulting the telephone directories.

B. Nonresponse Cases

No telephone numbers will be entered on the questionnaires for the nonresponse cases. Thus, either the DCC or the interviewers must determine the phone number using any of the following options:
OG OFF MEMO 73-17

- The DCC may search for the telephone number. For this purpose a listing of nonresponse cases (by PSU, Segment and Serial number) will be provided during the week of September 24. This listing will include nonresponse cases as of September 10 for Sample A30/C15 Rotations 5-8. You may want to remove from your files the Control Cards appearing on the listing so that when the actual nonresponse cases arrive in your DCC during the week of October 1, you can either transcribe the telephone number from the Control Card to the matching OCG-1, or else insert the matching card inside of the OCG-1.

The remaining CPS Control Cards for nonresponse cases as of September 10, will be in a shipment from Jeffersonville labelled "NR cases from Jeffersonville" and among the Spanish Control Card photocopies sent to your office.

C. Both Fail-Edit and Nonresponse OCG-1 Cases

After the OCG-1's for nonresponse and fail-edit cases have been received and the determination made as to telephone or personal visit follow-up, locate segment folders for those personal visit cases which would be difficult to locate based on the address entered on the Control Card and/or the OCG-1 alone (a personal visit will be necessary if no telephone number is available).

- If a segment folder is needed for both OCG and October CPS, either photocopy the contents or send the segment folder after October CPS has been completed.

- If the segment folder is not needed for CPS, you may immediately send the folder or a photocopy of the listing sheets and area segment map to the interviewer with her assignment.

VIII. Interviewer Assignments

A. Use of Form 11-35

Use Form 11-35 to control interviewers' assignments. Keep separate controls for nonresponse and fail-edit cases, listed by CPS control number (PSU, Segment, Serial) and line number.

EXAMPLE:

<table>
<thead>
<tr>
<th>PSU</th>
<th>Segment</th>
<th>Serial</th>
<th>Disregard</th>
<th>Line</th>
</tr>
</thead>
<tbody>
<tr>
<td>849</td>
<td>1030</td>
<td>03</td>
<td>0</td>
<td>01</td>
</tr>
<tr>
<td>078</td>
<td>458121</td>
<td></td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

John W. Sourdough
801 Interviewer Ave.
Anyplace, AK 99504
OCG OFF MEMO 73-17

Determine the interviewer's deadline based on the office deadline of November 30.

Send the last copy of Form 11-35 to: Field Division/Kenneth Frail after the ll-35's have been filled.

B. Materials

Send the following materials to each OCG interviewer for each nonresponse or fail-edit case assigned.

1. CPS Control Cards or photocopies, if needed.

2. Segment folders (or photocopies), if needed.

3. One blank OCG-1 for every three households assigned plus extras for sample persons to follow along as the interviewer asks the questions on personal visits.

Send nonresponse and fail-edit cases in separate stacks labelled "Nonresponse Cases" and "Fail-edit Cases."

IX. Deletion of Nonresponse Cases Due to Late Mail Returns

Wires will be sent to the DCC's indicating cases to be deleted from interviewer follow-up due to late mail receipts in Jeffersonville. This wire will provide PSU (3 digits), Segment (4 digits), Serial (2 digits) and Line Number (2 digits) for each of the cases to be deleted. Immediately contact the interviewer who has each case so she may delete the case from her assignment. Have her mark the case "late mail receipt" and return it to the DCC.

Treat those cases which the interviewer has already interviewed as any other case and do not mark them as "late mail receipt."

X. Interviewing

A. Nonresponse Cases

Interviewers will contact sample persons by telephone when possible, or by personal visit, in order to complete an OCG-1 questionnaire for the person. The interview should last approximately 15 minutes.

B. Fail-edit Cases

Interviewers will contact fail-edit cases by telephone when possible, or by personal visit. She will ask all OCG-1 items circled in red. The average length of interview is about seven minutes.

XI. Check-in of Questionnaires

A. Form 11-35

As you receive the completed questionnaires from the interviewer, enter a check mark (or the date received) next to the corresponding control number listed on the 11-35. Verify that all OCG-1's have been returned by the interviewer's deadline. If any are missing, contact the interviewer to determine the reason.
B. Movers, Temporarily Absent, Armed Forces Personnel

Review all OCG-1's to determine if any of the following situations exist:

1. Sample person has moved from interviewer's assignment area.

2. Sample person is temporarily absent and is staying at an address outside of the interviewer's area and will not return home until after the interviewer's deadline.

3. Sample person joined the Armed Forces on or after March 17, 1973, and is currently living outside of the interviewer's area.

Assign such cases to interviewers who are working in the new areas. If the area is outside the jurisdiction of your DCC, forward the case to the appropriate DCC for follow-up.

Prepare an 11-100 for those cases transferred to another DCC, showing the name of the sample person and the control number. Send a copy of this 11-100 to Chief, Field Division, Attention: Kenneth Frail.

If the interviewer returns an OCG-1 for a sample person who has moved and no forwarding address is known, no further attempt at locating the case is necessary.

XII. Office Edit

Edit all interview OCG-1's for adequacy of occupation and industry entries in OCG-1 items 11 and 18. If any questionnaire fails edit in these items based on the edit specifications given below, recontact the sample person in order to get an adequate response.

The guidelines are as follows:

A. If either OCG-1 items 11a-11e (kind of work person's father did) or OCG-1 items 18a-e (first full-time job after leaving school) are entirely blank, those items are to be reached.

Entries in item 11 indicating that his father never worked because of permanent disability—sore-thumbness or hopelessly crippled or entries in item 18 which indicates that the man is incapacitated and has never worked—should be accepted as adequate. Entries such as "lived in orphanage" for item 11 should also be accepted as adequate.

If there is an entry in item 11 such as "father deceased," or "father deserted family," etc., this would not be acceptable. In this case, the entries are to be considered inadequate and the respondent should be recontacted to find out the kind of work done by the person who headed the respondent's family when he was age 16 (item 8b).
B. Farm worker.—If it is clear that the person did farm work, regardless of the type, the entries for the item are to be considered adequate. For this purpose, it is not necessary to know whether he owned his own farm, did farm work for pay, or was an unpaid family helper.

C. Professional worker.—If the person is reported as some type of professional worker such as physician, dentist, veterinarian, teacher, engineer, lawyer, clergyman, etc., it is important to know whether the person was self-employed or not. You can determine this from the class of worker entry (part "a" of the item), or from write-ins in the item. The entries in this item are to be considered adequate even if "industry" (parts "a" and "b") is blank.

D. Craftsmen.—If the person is reported as some kind of craftsmen or skilled worker, such as carpenter, bricklayer, barber, machinist, mechanic, or repairman (whether or not the type is specified), accept the entry even if the industry (parts "a" and "b") and class of worker (part "e") are not reported.

E. Proprietor or manager.—If it is evident that the person was the proprietor or manager of a manufacturing plant, retail or wholesale establishment, service enterprise, or other facility, accept the entry even if the precise type of establishment is not given. For example, an entry of "proprietor-retail business" can be accepted. If it is not clear whether the person was a self-employed worker or a salaried official or manager, consider the entry for item 113 inadequate.

F. Factory worker.—For persons employed in manufacturing plants or factories, consider the entry adequate if you can determine from it that the person operated some kind of machine, even if the type is unspecified, or did some other specific task (such as inspector, packer, loader, sweeper). In addition, the general title of "laborer" is acceptable since it indicates skill level. However, general titles (such as factory worker, or mill hand) that do not indicate skill level are not acceptable.

G. Office worker.—Accept entries indicating the person did some type of office work, such as bookkeeper, office clerk, typist or shipping clerk, even if the type of business is not clearly indicated. Where you merely have an entry of "clerk," accept it if the other entries for the item are specific enough to determine whether it is an office job or a selling job.

H. Unskilled worker.—Accept entries indicating the person did some kind of unskilled work, such as laborer, odd job worker, yardman, sweeper or domestic, even if the industry entries (parts "a" and "b") are blank.
I. Other types.—For other types of entries, judge whether the occupation entries (parts "c" and "d") are reasonably clear in the broad sense described above. If the occupation entries are widely or inadequate but can be readily inferred from the industry entries (parts "a" and "b") or class-of-worker information (part "c"), accept the item as being adequate. For example, if occupation is blank but there is an entry of "own grocery store" in industry, you could accept this as indicating the person was a proprietor.

XIII. Noninterview

Verify that each noninterview OCG-1 received from the interviewer has a complete description of the follow-up effort specified on the cover of the OCG-1. Check to see that every effort was made to obtain the interview. Please watch the Type A rates and unsuccessful fail-edit follow-ups by interviewers closely. Return any case to the interviewer that does not indicate that an adequate follow-up effort was made.

XIV. Reinterview

Conduct reinterview according to instructions in OCG OFF MEMO 73-15 and Attachment 1 to that memo.

Transmit any nonresponse OCG-1’s and fail-edit OCG-1’s selected for reinterview, with the shipments discussed in the next section.

XV. Shipment of materials

A. All materials are to be grouped, labeled, and shipped as follows:

1. Nonresponse Cases
   a. **Group NH-IHT**
      OCG-1’s which are interviews (that is, have at least one entry in items 1-34).
   b. **Group NH-II**
      OCG-1’s which are noninterview (the reason for noninterview must be specified on the cover).
   c. **late mail, unread, not interviewed**

2. Fail-Edit Cases
   a. **Group JD-IHT**
      Include all assigned fail-edit cases which are not "FS-H" (as described below).

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b. **Group IT-II**

Noninterview follow-up of fail-edits are to have the reason for noninterview specified on the cover of the OCG-1's.

B. Mail each Monday, using Form II-100 to:

Bureau of the Census
DID - Demographic Operations Branch
1261 East 10th Street
Jeffersonville, Indiana 47130
Attn: Mr. Garwood

Make your final shipment no later than **November 30**.

**XVI. Progress Reporting**

On each Monday beginning **October 15** until closeout, wire to Chief, Field Division the following cumulative report:

A. **Nonresponse Workload** (Adjusted each week to account for transfer cases)

B. **Nonresponse Cases**

1. **Group NR-INT**

2. **Group NR-NI**

--Type A Noninterviews (as defined in CIS)

a. No one home
b. Temporarily absent
c. Refused
d. Other

--Type B Noninterviews (as defined in CIS)

--Type C Noninterviews (as defined in CIS)

3. **Late Mail Returns deleted (not already interviewed)**

C. **Mail-Edit Workload**

1. **Group IE-INT**

2. **Group IE-NI**

--Type A Noninterviews (as defined in CIS)

a. No one home
b. Temporarily absent

---10---

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OG OFF MEMO 73-17

0.59

c. Refused

d. Other

Wire your final progress report when you closeout.

XVII. Cost Information

Charge all OCG costs to Project 9406 using the 20 series operation codes.
Date: September 27, 1973

OGC OFFICE MEMORANDUM NO. 73-17, SUPPLEMENT 1

To: Directors
Data Collection Centers

From: Richard C. Burt
Chief, Field Division

Subject: Office Procedures for Phase Two of OCG (Project 9496)

A. Sample Person Located Outside a PSU

If a sample person is now located outside the old 449 PSU design or the current 161 PSU design, do not follow up by personal visit, but complete the interview by telephone if possible. If a telephone interview is not possible, consider the case a noninterview "No telephone - outside PSU."

Persons located in the old 449 PSU design should be followed up by personal visit when necessary. These will be Spanish supplemental cases which were sampled from the old design.

B. Destruction of Certain Labelled OCG-1's

In situations where the sample person gives the interviewer his completed OCG-1 and hence the interviewer has returned the incomplete OCG-1 inside the completed OCG-1 (OGC INTERVIEWER MEMORANDUM NO. 73-5), destroy the incomplete OCG-1. It is only necessary to return the completed case to Jeffersonville.

C. Progress Report

Line A on Progress Reporting (Section VII, OCG OFFICE MEMORANDUM NO. 73-17) should read "Total Workload (Adjusted each week to account for transfer cases)."

D. Revised Pages

Please replace pages 4 and 5 of OCG OFFICE MEMORANDUM NO. 73-17 with revised pages 4 and 5 which are enclosed.

The revised pages reflect the fact that you will not be receiving a listing of September 10 nonresponse cases for Rotations 5-8.
OG OFF MEMO 73-18

You will receive similar cases from Jeffersonville from Rotations 1-4 in your nonresponse workload. These cases also have not had any previous mail contact. The cases will be labeled "No previous contact."

After these cases are interviewed, send them in two shipments to Jeffersonville so that the check digit can be assigned prior to processing. Identify these questionnaires as "Never mailed" cases and ship them separately from your labeled questionnaires. In your progress report include the total number of cases for which names and addresses were found as well as the "No previous contact" cases received from Jeffersonville.

Enclosed with this memo are Control Card photocopies labelled "OG Spanish Sample Cases" which are referred to in OCG OFF MEMO 73-17, Section VII.A.1.a. The name and address search for this Spanish sample was completed in Washington. The handwritten OCG-1's for these cases are also enclosed with this memo.

Enclosures
OG OFF MEMO 73-18

If both a mailing address and a street address are entered in Control Card item 7, transcribe the street address. If item 7a has a description entered, include it in your transcription since the interviewer may have to make a personal visit to the household.

(It is important to enter a line between the Serial and Line numbers as shown. When these cases are received in Jeffersonville, either as completed or incompletely, a check digit will be assigned and entered in this space. This check digit is used during the punching operation to insure the correctness of the punching of the Control number.)

Also look at item 30a of the CPS Control Card for a telephone number. If there is a phone number, enter it in item 35 of the OCG-1. If item 30a indicates that the household has no phone, enter "No phone" in item 35. It is not necessary to enter the telephone number on the listing.

If there is a line number difference for a male whose characteristics (race and age) match those on the listing, enter the name and address of that person from the Control Card but transcribe the Line number from the listing.

Example: The Control Card for 949-6010-04-01 is found but line 01 is a female and the age does not match. However, line 02 is a white male, age 42, which matches the race and age on the listing. Enter line 02's name and address on the listing and the OCG-1 but use the Control number "949 6010 04 _______ 01" for the OCG-1.

This will enable us to match the OCG-1 to the CPS information we have for the person.

B. Control Card Not Found

If the CPS Control Card is not found, enter "Not found" on the listing by the Control number.

Do not prepare an OCG-1 for cases not found.

After the search has been completed and a disposition made for each sample case on the listing, send the listing with names and addresses or "Not found" to Chief, Field Division, Attn: Ken Frail. Assign the prepared OCG-1's for follow-up.

Again, these cases were not included in any of the previous mailings so the introduction for the initial contact must be modified to recognize this fact. The interviewers have been made aware of this in OCG Interviewer Memorandum No. 73-5.
Date: September 26, 1973

OCG OFFICE MEMORANDUM NO. 73-18

To: Directors
Data Collection Centers

From: Richard C. Burt
Chief, Field Division

Subject: Name and Address Search for OCG Follow-Up Cases--Project 9496

After obtaining names and addresses for the sample males selected from CPS for the OCG Survey there were a number of cases on the file without names and addresses and therefore were not included in the mailout. We want to get the names and addresses of these cases from the CPS Control Cards and include the sample cases in the field follow-up. The CPS Control Cards for Rotations 5-8 of Samples A-31/C15 are in the DCG’s. Enclosed is a listing of these cases for each DCG. (Rotations 1-4, in Sample A-30/C-14 have been lined out.) The listing shows:

<table>
<thead>
<tr>
<th>PSU</th>
<th>Segment</th>
<th>Serial</th>
<th>Line</th>
<th>Sex</th>
<th>Race</th>
<th>Age</th>
<th>DCC</th>
</tr>
</thead>
<tbody>
<tr>
<td>949</td>
<td>6010</td>
<td>04</td>
<td>01</td>
<td>1</td>
<td>2</td>
<td>42</td>
<td>01</td>
</tr>
</tbody>
</table>

For those cases in Rotations 5-8, search for the matching CPS Control Card.

A. Control Card Found

If the card is found, transcribe the name and address of the sample person on the appropriate Line number (must be a male 20-65 as of March 1973) to the listing opposite the Control number. Then prepare an OCG-1 for the case for field follow-up by writing in the label space of the questionnaire the following information:

<table>
<thead>
<tr>
<th>PSU</th>
<th>Segment</th>
<th>Serial</th>
<th>(Line)</th>
<th>Line number</th>
</tr>
</thead>
<tbody>
<tr>
<td>949</td>
<td>6010</td>
<td>04</td>
<td></td>
<td>01</td>
</tr>
</tbody>
</table>

James Ries
6180 Anna Blvd.
Crescent City, Fla. 32012

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E. Computer Printout of Nonresponse Cases

You will receive a listing of your nonresponse follow-up cases during the week of October 1. Use it for check-in purposes and in any other way you find helpful.

If you do not have an OCG-1 for a case on the listing, prepare the necessary form. If you have an OCG-1 for a case not on the listing, add it to the listing.

Enclosure
Date: September 26, 1973

OGC OFFICE MEMORANDUM NO. 73-18

To: Directors
Data Collection Centers

From: Richard C. Burt
Chief, Field Division

Subject: Name and Address Search for OCG Follow-Up Cases—Project 9496

After obtaining names and addresses for the sample males selected from CPS for the OCG Survey there were a number of cases on the file without names and addresses and therefore were not included in the mailout. We want to get the names and addresses of these cases from the CPS Control Cards and include the sample cases in the field follow-up. The CPS Control Cards for Rotations 5-8 of Samples A-31/C15 are in the DCC's. Enclosed is a listing of these cases for each DCC. (Rotations 1-4, in Sample A-30/C-14 have been lined out.) The listing shows:

<table>
<thead>
<tr>
<th>PSU</th>
<th>Segment</th>
<th>Serial</th>
<th>Line</th>
<th>Sex</th>
<th>Race</th>
<th>Age</th>
<th>DCC</th>
</tr>
</thead>
<tbody>
<tr>
<td>949</td>
<td>6010</td>
<td>04</td>
<td>01</td>
<td>1</td>
<td>2</td>
<td>42</td>
<td>01</td>
</tr>
</tbody>
</table>

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A. Control Card Found

If the card is found, transcribe the name and address of the sample person on the appropriate line number (must be a male 20-65 as of March 1973) to the listing opposite the Control number. Then prepare an OCG-1 for the case for field follow-up by writing in the label space of the questionnaire the following information:

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<td>949</td>
<td>6010</td>
<td>04</td>
<td>01</td>
</tr>
</tbody>
</table>

James Ries
6180 Anna Blvd.
Crescent City, Fla. 32012
OG OFF MEMO 73-18

If both a mailing address and a street address are entered in Control Card item 7, transcribe the street address. If item 7a has a description entered, include it in your transcription since the interviewer may have to make a personal visit to the household.

(It is important to enter a line between the Serial and Line numbers as shown. When these cases are received in Jeffersonville, either as completed or incomplete, a check digit will be assigned and entered in this space. This check digit is used during the punching operation to insure the correctness of the punching of the Control number.)

Also look at item 30a of the CPS Control Card for a telephone number. If there is a phone number, enter it in item 35 of the OCG-1. If item 30a indicates that the household has no phone, enter "No phone" in item 35. It is not necessary to enter the telephone number on the listing.

If there is a line number difference for a male whose characteristics (race and age) match those on the listing, enter the name and address of that person from the Control Card but transcribe the Line number from the listing.

Example: The Control Card for 949-6010-04-01 is found but line 01 is a female and the age does not match. However, line 02 is a white male, age 42, which matches the race and age on the listing. Enter line 02's name and address on the listing and the OCG-1 but use the Control number "949 6010 04 " for the OCG-1.

This will enable us to match the OCG-1 to the CPS information we have for the person.

B. Control Card Not Found

If the CPS Control Card is not found, enter "Not found" on the listing by the Control number.

Do not prepare an OCG-1 for cases not found.

After the search has been completed and a disposition made for each sample case on the listing, send the listing with names and addresses or "Not found" to Chief, Field Division, Attn: Ken Frail. Assign the prepared OCG-1's for follow-up.

Again, these cases were not included in any of the previous mailings so the introduction for the initial contact must be modified to recognize this fact. The interviewers have been made aware of this in OCG Interviewer Memorandum No. 73-5.
OGG OFF MEMO 73-18

You will receive similar cases from Jeffersonville from Rotations 1-4 in your nonresponse workload. These cases also have not had any previous mail contact. The cases will be labeled "No previous contact."

After these cases are interviewed, send them in two shipments to Jeffersonville so that the check digit can be assigned prior to processing. Identify these questionnaires as "Never mailed" cases and ship them separately from your labeled questionnaires. In your progress report include the total number of cases for which names and addresses were found as well as the "No previous contact" cases received from Jeffersonville.

Enclosed with this memo are Control Card photocopies labelled "OGG Spanish Sample Cases" which are referred to in OGG OFF MEMO 73-17, Section VII.A.1.a. The name and address search for this Spanish sample was completed in Washington. The handwritten OCG-1's for these cases are also enclosed with this memo.

Enclosures
Date: September 26, 1973

OGG OFF MEMO 75-19

To: Directors
Data Collection Centers

From: Richard C. Burt
Chief, Field Division

Subject: Use of RR's From the OCG Survey (Project 9496)

Jeffersonville will send to the DCC's all RR's (Postmaster returns) received from the three OCG mailouts. Match the nonresponse OCG-1's to be followed up, to the RR's. If the PSU, Segment, Serial and line numbers on the label of a RR matches to a nonresponse OCG-1, attach the envelope from the RR case to the non-response OCG-1. Destroy the OCG-1 inside the envelope of each matching case to prevent the duplication of follow-up forms. The information stamped on the envelope may help the interviewer in locating the sample person. RR's which do not match to any nonresponse received from Jeffersonville are to be returned to Jeffersonville when you close out.
Date: October 10, 1973

OGC OFFICE MEMORANDUM NO. 73-21

To: Directors
Data Collection Centers

From: Richard C. Burt
Chief, Field Division

Subject: Transfer Cases (Project 9496)

For each case that you transfer to another DCC, sec if the case is on your list of reinterview cases. If it is, state this fact on Form 11-100 so that the DCC receiving the case will reinterview it.

If you have already transferred a case that was selected for reinterview and did not state that the case was in reinterview, notify the receiving DCC immediately.
Date: October 29, 1973

OGG OFFICE MEMORANDUM NO. 73-22

To: Directors
Data Collection Centers

From: Richard C. Burt
Chief, Field Division

Subject: OCG Nonresponse Cases Returned as Refusals - Project 9496

As mentioned in Section XIII of the OCG OFF MEMO 73-17, Type A noninterviews in Phase II of the OCG Survey are to be watched closely and every effort is to be made to convert these cases to interviews.

Preliminary feedback indicates that the noninterview rate is running higher than is acceptable, and thus, the following procedures are given as a means of reducing the rate.

1. As cases are received back from the interviewers, examine each noninterview case to see if the OCG-1 noninterview reason was "refusal." If the household has completed eight months in CPS, or is no longer cooperating in CPS, send a refusal letter. If the household is still in CPS sample and cooperating, however, you may not want to send such a letter; we leave that decision to your discretion.

2. In order to maximize the efforts to convert refusals, assign a supervisor, senior interviewer, or one of your more competent interviewers to follow-up after the refusal letter is mailed.

It is important that we convert as many refusal cases as we can in order to improve the overall quality of the survey statistics.
November 13, 1973

OCG OFFICE MEMORANDUM NO. 73-22, SUPPLEMENT 1

To: Directors
Data Collection Centers

From: Richard C. Burt
Chief, Field Division

Subject: I. Reducing OCG Refusals
II. Cases Not Interviewed in March 1973 CFS

I. Reducing OCG Refusals

In order to further reduce the number of OCG refusals, the proxy rule has been modified.

When scheduling attempts to convert refusal cases, make every effort to arrange the calls or visits for an hour when the sample person will be at home. If upon asking to speak with the sample person it indicated that he will not give you an interview, you may, at that time, obtain his OCG information from a proxy respondent.

A proxy respondent, as indicated in a previous memorandum, may be the wife, mother, father, brother, or sister of the sample person—provided this person is knowledgeable and 14 years of age or older.

The expanded proxy respondent rule covered in this memorandum does not apply to nonresponse follow-up cases that have not refused OCG-1 information.

II. OCG Cases Not Interviewed in March 1973 CFS

Some cases selected for OCG have been found not to have been in the CFS sample in March 1973. This error occurred during the match of the March 1973 CFS file to another file which provided the name and address for selected cases.

Check the CFS Control Card for cases not already interviewed to determine if they were interviewed in CFS in March 1973 (i.e., check the CFS Control Card used for March 1973 for the name of the sample case).
person shown on the OCG-1). Use the PSU, Segment, Serial and Line Numbers from the OCG-1 to make this check. If the person named on the OCG-1 is not on the March '73 CTS Control Card but there is another male 20-65 with that control number, line out the name on the OCG-1 and enter the name of the correct person. The address should be correct since CPS is an address sample. However, it could have been mispunched. If the address is incorrect, also correct the address. Enter a note on the cover page on any corrected cases—"Correct person for March '73 CPS." Continue the follow-up on all such cases for the correct person (the person listed in March '73 CPS).

You have all control cards for rotations 5-8 of Samples A31/C15 and can make the check for these rotations. For cases in rotations 1-4 of Samples A30/C14, you probably do not have the Control Card for the household as of March 1973. If you do not, wire the Control Numbers of such cases to Chief, Field Division. We will have Jeffersonville send you a copy of the Control Card. When you get the requested Control Cards, make the corrections as indicated above and continue the follow-up.

If there is no male 20-65 who matches the control number, make a note of this and send the OCG-1 questionnaire to Ken Prail, Field Division, with a note to this effect. Make the appropriate adjustments to your OCG workload for your progress report wires.
Date: October 31, 1973

To: Mr. Edward F. Knowles, Chief
QHS and Related Surveys Branch
Demographic Surveys Division

From: Sherry Platt
Survey Statistician

Subject: Observation of OCG Nonresponse Follow-Up Cases in Albuquerque,
New Mexico — October 23 - October 25

The interviewer I observed had ten nonresponse cases assigned to her which required personal visits. She was able to obtain interviews from four of these sample cases. The interviews lasted between fifteen and twenty-five minutes. The shortest interview happened to be the only proxy interview I observed. The proxy respondent was the wife, whose husband was ill. She had no difficulty in answering the OCG questions, and I feel confident that this respondent provided us with accurate answers. The remaining three interviews lasted considerably longer, and I feel that the answers we received, especially dates that related to happenings years ago, are not very reliable. I do feel, however, that the answers are correct within a range of one or two years in each direction. At times, the interviewer felt that she was unable to probe any further for information as the sample person's household was returning to the CPS sample and the interviewer was afraid of jeopardizing future CPS interviews.

I observed two refusals. Both sample persons refused because they said that they didn't believe the information that we wanted was any of the Government's business. The interviewer, in both cases, countered with what I considered a good explanation of the value of the OCG Survey. However, both respondents stood their ground, and refused to answer any questions.

The interviewer dropped off two OCG-l questionnaires to be self-enumerated and picked up at a later date, as requested by those households. I expect that we will obtain OCG information for both of these sample cases.

The remaining two sample cases could not be contacted, but further attempts are planned.

One last note, the interviewer's ability to understand and speak Spanish was of a tremendous help in arranging appointments with sample persons. Without this interviewer's added language skill, I expect that much more time would have been spent trying to arrange appointments.

cc: D. Featheman (2)   E. Gerson - DSD   J. Cannon
    R. Jung - FLD   S. Greene   S. Platt
    K. Frail   G. Gray
Date: January 2, 1974

OGC OFFICE MEMORANDUM NO. 74-1

To: Directors
Data Collection Centers

From: Richard C. Burt
Chief, Field Division

Subject: Follow-up of OCG Cases Not Previously Contacted (Project 9496)

I. Background

As mentioned in OCG OFFICE MEMORANDUM NO. 73-23, we will be following up OCG cases which have not been previously contacted due to the computer matching incorrect names and good addresses to the March 1973 CPS control file. There are approximately 550 cases nationwide. These mismatches occurred in households with movers, i.e., there was more than one male with the same control and line number on our file of names and addresses of CPS people. We want the person who was living in the household during March 1973 CPS.

II. Key Dates

January 9 - Receipt of labelled questionnaires from Washington.

January 21 - Begin progress reports.

January 28 - No DCC transfers after this date.

February 1 - DCC closeout.

III. General Procedures

The assigned OCG cases are to be contacted by telephone when possible; personal visits are to be made only under specified circumstances. An OCG-1 questionnaire will be completed for each assigned case. No CPS-1's will be filled.

Each interview should last approximately 15 minutes. There will be no questionnaires sent by mail to these sample persons. The "Dear Sir" letter and the interviewer's call will be the only contacts made to those people for the OCG Survey. The "Dear Sir" letters will be sent from Jeffersonville, Indiana, by January 4, to all sample persons.
OCG OFFICE MEMORANDUM NO. 74-1

The workload for the DCC's is as follows:

<table>
<thead>
<tr>
<th>DCC</th>
<th>OCG Persons to be Contacted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlanta</td>
<td>59</td>
</tr>
<tr>
<td>Boston</td>
<td>47</td>
</tr>
<tr>
<td>Charlotte</td>
<td>56</td>
</tr>
<tr>
<td>Chicago</td>
<td>1</td>
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<td>Dallas</td>
<td>67</td>
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<td>Denver</td>
<td>43</td>
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<td>Detroit</td>
<td>16</td>
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<td>New York</td>
<td>48</td>
</tr>
<tr>
<td>Philadelphia</td>
<td>41</td>
</tr>
<tr>
<td>Kansas City</td>
<td>52</td>
</tr>
<tr>
<td>Seattle</td>
<td>76</td>
</tr>
</tbody>
</table>

IV. Selection of Interviewers

We suggest that whenever possible assign OCG cases to the same interviewers who were used for the follow-up effort this past fall. Your office has determined the correct names for some of the cases which the computer incorrectly selected (OCG OFFICE MEMORANDUM NO. 73-22, Supplement 1), but some of the corrected cases may inadvertently be reassigned to you. By assigning cases by control number to the same interviewers as before, duplication of previous interviewer effort will be greatly reduced. Thus, if an interviewer recalls successfully contacting any assigned cases for OCG information, she may note the situation on the OCG-1 and return it to you without further follow-up.

V. Materials

By January 9, you will receive:

1. Computer listing of OCG cases to follow up.
2. Labelled OCG-1's.
3. Advance Dear Sir letters (OCG-8L).
4. OCG Interviewer's Memorandum No. 74-1.
VI. Training

Interviewer training for current program interviewers who have not worked on Phase II of the OCG Survey and for interviewers who have worked on Phase II but have misplaced their interviewer's memoranda will consist of reading OCG Interviewer Memorandum 74-1. Up to two hours are authorized for this training. Other interviewers may be allowed one hour to reread OCG Interviewer's Memorandum 73-2, Section I.

Utilize previously trained interviewers on this survey whenever possible.

VII. Office Preparation

A. Review of control listing

The computer control listing is to be used for the following purposes:

1. Check in the OCG-1's as they are received from Washington.

2. Deletion of cases previously interviewed:

Before assigning the OCG cases to interviewers, review any control listings you have from the OCG nonresponse follow-up conducted this past fall to determine if any of your current workload has already been followed up. If any sample person's control number and name from your current workload corresponds to a case your office already followed up, delete the case from your workload before assigning it to the interviewer; cross out the name and address as it appears on the listing. Return the corresponding OCG-1 to Chief, Field Division, Attention: Kenneth Frail.

We want a one for one match of the assigned cases when they are returned. If you receive 55 cases to follow-up, please return all 55 cases with a disposition for each case indicated on the computer listing. Do not adjust your workload unless you transfer a case to another DCC for follow-up.

3. Indication of a transfer case:

Add control number, name and address of each case transferred to you. Cross out the control number, name and address of each case you transfer to another DCC, and indicate to which DCC you are transferring the case.

4. Any other way you find helpful.

Send the listing back to Washington with your last shipment of OCG-1's.
B. Relationship between CPS and OCG sample persons with regard to making assignments

Rotations 5 and 6 will be in sample in January, so any OCG contacts might be made in conjunction with the CPS contact. Rotations 7 and 8 will be returning in February or March respectively. Any contacts with sample persons in Rotations 5-8 to complete an OCG form must be made with an awareness of the effect it might have on CPS cooperation. While a contact must be made to complete the OCG, interviewers are not to push hard to complete an OCG interview that they lose that household for CPS. However, Rotations 1-4 are no longer in CPS and the normal effort to gain cooperation in completing the OCG form should be made.

You may want to assign OCG cases in Rotations 5-8 to those CPS interviewers who contact that household for CPS. Cases in Rotations 1-4 may be completed from the DCC or assigned to interviewers.

C. Use of CPS Control Card and Segment Folders

If a personal visit is to be made, and the address appears to be difficult to locate, provide the interviewer with the appropriate control card and/or segment folder.

If a segment folder is needed for both OCG and January CPS, either photocopy the contents of the folder, have the CPS interviewer conduct the CPS and OCG interview at the same time, or hold the segment folder until after January CPS has been completed.

Control cards for sample cases in Sample A30/C14, Rotations 1-4, are not in the DCC's. Contact Field Division: Kenneth Freil, if you need a control card for a sample person in one of these rotations.

VIII. Interviewer Assignments

A. Form 11-35

List the control number (PSU, Segment, Serial) and Line number of each assigned OCG case on Form 11-35.

B. Interviewer Deadline

Determine the interviewer's deadline based on the office deadline of February 1.
C. Materials

Send the following materials to each OCG interviewer:

1. Labelled OCG-1's
2. CPS Control Cards if needed
3. Segment folders (or photocopies), if needed.
4. One blank OCG-1 for every five households assigned for sample persons to follow along as the interviewer asks the questions on personal visits
5. OCG Interviewer's Memorandum 74-1
6. One Advance Dear Sir letter (OCG-8L) for reference

IX. Check-in of Questionnaires

A. Form 11-35

As you receive the completed questionnaires from the interviewer, enter a check mark (or the date received) next to the corresponding control number listed on the 11-35. Verify that all OCG-1's have been returned by the interviewer's deadline. If any are missing, contact the interviewer to determine the reason.

B. Movers, Temporarily Absent, Armed Forces Personnel

Interviewers may return cases that indicate the following situations:

1. Sample person has moved from interviewer's assignment area.
2. Sample person is temporarily absent and is staying at an address outside of the interviewer's area and will not return home until after the interviewer's deadline.
3. Sample person joined Armed Forces on or after March 17, 1973, and is currently living outside of the interviewer's area.

Assign such cases to interviewers who are working in the new areas. (Note paragraph IX C.) If the area is outside the jurisdiction of your DCC, forward the case to the appropriate DCC for follow-up. Do not transfer cases after January 28.
OCG OFFICE MEMORANDUM NO. 74-1

For each case that you transfer to another DCC, see if the case is on your list of reinterview cases. If it is, state this fact on Form 11-100 so that the DCC receiving the case will reinterview it.

If the interviewer returns an OCG-1 for a sample person who has moved and no forwarding address is known, no further attempt at locating the case is necessary.

C. Sample Persons Located Outside a PSU

If a sample person is now located outside the old 449 PSU design or the current 461 PSU design, interviewers are to complete the interview by telephone only. If a telephone interview is not possible, consider the case a noninterview, "No telephone - outside PSU."

Persons located in the old 449 PSU design should be followed up by personal visit when necessary.

X. Office Edit

Edit all interview OCG-1's for adequacy of occupation and industry entries in OCG-1 items 11 and 18. If any questionnaire fails edit in these items based on the edit specifications given below, recontact the sample person in order to get an adequate response.

The guidelines are as follows:

A. If either OCG-1 items 11a-11e (kind of work person's father did) or OCG-1 items 18a-e (first full-time job after leaving school) are entirely blank, these items are to be reasked.

Entries in item 11 indicating that his father never worked because of some disability—feeble-mindedness or hopelessly crippled or entries in item 18 which indicate that the man is incapacitated and has never worked—should be accepted as adequate. Entries such as "lived in orphanage" for item 11 should also be accepted as adequate.

If there is an entry in item 11 such as "father deceased," or "father deserted family," etc., this would not be acceptable. In this case, the entries are to be considered inadequate and the respondent should be recontacted to find out the kind of work done by the person who headed the respondent's family when he was age 16 (item 8b).
B. Farm worker.—If it is clear that the person did farm work, regardless of the type, the entries for the item are to be considered adequate. For this purpose, it is not necessary to know whether he owned his own farm, did farm work for pay, or was an unpaid family helper.

C. Professional worker.—If the person is reported as some type of professional worker such as physician, dentist, veterinarian, teacher, engineer, lawyer, clergyman, etc., it is important to know whether the person was self-employed or not. You can determine this from the class of worker entry (part "e" of the item), or from write-ins in the item. If the entries in items 11c, 11d (or 18c-18d) meet the requirements, item 11 (or 18) is to be considered adequate even if "industry" (parts "a" and "b") is blank. If the class of worker is not known, consider the entries for the item inadequate.

D. Craftsmen.—If the person is reported as some kind of craftsman or skilled worker, such as carpenter, bricklayer, barber, machinist, mechanic, or repairman (whether or not the type is specified), accept the entry even if the industry (parts "a" and "b") and class of worker (part "e") are not reported.

E. Proprietor.—If it is evident that the person was the proprietor of a manufacturing plant, retail or wholesale establishment, service, or similar, or other facility, accept the entry even if the precise type of establishment is not given. For example, an entry of "proprietor-retail business" can be accepted. If it is not clear whether the person was a self-employed worker or a salaried official or manager, consider the entry for item 11c inadequate.

F. Factory worker.—For persons employed in manufacturing plants or factories, consider the entry adequate if you can determine from it that the person operated some kind of machine, even if the type is unspecified, or did some other specific task (such as inspector, packer, loader, sweeper). In addition, the general title of "Laborer" is acceptable since it indicates skill level. However, general titles (such as factory worker, or mill hand) that do not indicate skill level are not acceptable.

G. Office worker.—Accept entries indicating the person did some type of office work, such as bookkeeper, office clerk, typist or shipping clerk, even if the type of business is not clearly indicated. Where you merely have an entry of "clerk," accept it if the other entries for the item are specific enough to determine whether it is an office job or a selling job.
OCG OFFICE MEMORANDUM NO. 74-1

H. Unskilled worker.—Accept entries indicating the person did some kind of unskilled work, such as laborer, odd job worker, yardman, sweeper or domestic, even if the industry entries (parts "a" and "b") are blank.

I. Other types.—For other types of entries, judge whether the occupation entries (parts "c" and "d") are reasonably clear in the broad sense described above. If the occupation entries are omitted or inadequate but can be readily inferred from the industry entries (parts "a" and "b") or class-of-worker information (part "e"), accept the item as being adequate. For example, if occupation is blank but there is an entry of "own grocery store" in industry, you could accept this as indicating the person was a proprietor.

XI. Noninterviews

Verify that each noninterview OCG-1 received from the interviewer has a complete description of the follow-up effort specified on the cover of the OCG-1. Check to see that every effort was made to obtain the interview.

For cases returned as "refusal," assign a supervisor, senior interviewer, or one of your more competent interviewers to follow-up the case. You may want to send a refusal letter, especially if the household has completed its entire eight months in CPS, or is no longer cooperating in CPS. It is important that we convert as many refusal cases as we can and keep the noninterview rate low in order to maintain quality statistics.

Proxy respondents are permitted in specified circumstances (see OCG Interviewer's Memorandum No. 73-2, Supplement 1).

XII. Reinterview

Compare the PSU, Segment, Serial, and Line numbers of cases on the list of OCG follow-up cases with the PSU, Segment, Serial, and Line numbers on the listing "OCG Reinterview Cases—Fall 1973."

Those cases which match and are interviewed in follow-up must be reinterviewed. Follow the instructions for reinterview in OCG Office Memo 73-15.

XIII. Shipment of Materials

A. Identification

All materials are to be grouped and labelled as follows:

"OCG Interviews"

To be considered an OCG interview, five of the following eight items must be completed: Item 4, Item 5c, Item 7, Item 8a, Item 11c, Item 12, Item 18c and Item 32c.
OCG OFFICE MEMORANDUM NO. 74-1

"OCG Noninterviews"

OCG-1's which are noninterview (the reason for noninterview must be specified on the cover).

B. Shipment

Mail each Monday, using Form 11-100 to:

Field Division
Bureau of the Census
Washington, D.C. 20233
ATTN: Kenneth Frail

Make your final shipment no later than February 1.

XIV. Progress Reporting

On each Monday beginning January 21 until closeout, wire to Chief, Field Division, the following cumulative report:

- Total Assigned Workload (adjust with each report to account for transfer cases)

A. Interviews
B. Noninterviews

1. Type A Noninterviews
   a. No one home
   b. Unable to locate
   c. Temporarily absent
   d. Refused
   e. Other

2. Other Noninterviews

C. Already participated in OCG

- Questionnaires Transmitted

Wire your final progress report when you closeout.
XV. Cost Information

Charge all OCG costs to Project 9496 using the 20 series operation codes.

XVI. Disposition of Materials

After you closeout:

A. Send back all control listings to Washington
   1. Current computer listing
   2. Phase II computer listing
   3. "OCG Reinterview Cases - Fall 1973" control listing

B. Destroy OCG-l's, all memoranda and reinterview materials, etc.
September 17, 1973

Series: Weighting Specifications for the OCG Survey-No. 1

MEMORANDUM FOR Mr. Earle J. Gerson, Chief
Demographic Surveys Division

From: Morton Boisen, Chief
Statistical Methods Division

Subject: Weighting of the Occupational Changes in a Generation (OCG)
Survey - General Background

The purpose of this memo is to give a general background statement on
how the OCG Survey was conducted and an overall picture of how it will
be weighted. Since the estimation procedure for this survey is quite
complex, I believe the major steps in the procedure should be presented
first in this memo. Other memos containing the specific weighting in-
structions for all segments of the survey will be forthcoming.

I. Background

The survey consists of three parts: (1) the Basic Sample drawn
from the households interviewed for CPS in March 1973, (2) the Black
Supplement drawn from the households which were identified as having
black heads during the CPS interview in October 1972, and (3) the
Spanish Supplement drawn from the households which contained a Spanish
person during the CPS interview in October 1972.

Two questionnaires were used in all three parts of the survey:
(1) the March 1973 CPS-1 questionnaire, used mainly to obtain family
income for the families of the persons in sample, and (2) the OCG-1
questionnaire, used to get the OCG information for all males 20-65 in
sample. The following sections describe how the interviewing of the
parts of the survey was, or is, being conducted.

A. Basic Sample and Spanish Supplement

The Spanish Supplement was drawn from the October 1972 CPS
sample to be used as a supplement to the March CPS for the annual
report on Ethnic Origin; therefore, it was merged with the basic sam-
ple for the March CPS interview. The supplement is also being used for
OCG. After the CPS interview was conducted in March, all households
from the Basic Sample and the Spanish Supplement containing males 20-65
were identified. OCG questionnaires have been mailed in August to
these OCG target males at their March addresses. Nonresponses to the
OCG questionnaire will be followed up; persons who have moved will be
followed to their new addresses.

(more)
The households which were identified as having a black head in October 1972 were revisited in April 1973. If there was a black male 20-65 in the household in April (regardless of race of head), a CPS interview of all household members was conducted for OCG using the March questionnaire. Following the CPS interview, the black target males were interviewed personally using the OCG questionnaire. Note that no CPS interview was conducted of the household unless a black target male was present in April of 1973.

II. Weighting

The sponsors of the survey want weights which can be used for estimation with and without the Black and Spanish Supplements. Therefore, there will be space allowed on each sample record for two weights: (1) Weights for the Basic File - weights developed for use with records from the Basic Sample only; (2) Weights for the Total OCG Survey - weights developed for use with all records, including those from the Basic Sample and both the supplements.

The attachment is a diagram showing all the steps in weighting the survey.

A. Weights for the Basic File (See OCG Memo. No. 3)

These weights could be used for tabulations which don't involve the supplements. We recommend, however, that these weights be used only as a backup, in case there are problems with the tabs based on the weights for the total OCG survey.

Basic March CPS weights, which do not involve the Spanish Supplement, are available from the file used to do the Labor Force tabs. After the OCG interview in August is complete, we will do a NI adjustment using cells based on the personal income of the males in sample. Another second stage factor to bring the estimates back to March control totals will then be applied.

B. Weights for the Total Survey and the Black and Spanish Weights

The weights for the total survey will be used for tabulations for the full sample, which includes the supplements. Having double samples of Blacks and Spanish necessitates using special weighting procedures.

1. Basic and Spanish Weighting (See OCG Memo No. 4)

Most of the weighting required to accommodate the double sample of Spanish has been done already for the Ethnic Origin Survey. A noninterview adjustment for the basic sample and the Spanish Supplement has been done and first and second stage factors applied. As indicated in the diagram, the Spanish Supplement has to be separated from the file and corrections made in the NI adjustment and the first stage

(more)
factors. (See the forthcoming memorandum concerning corrections in weighting the Spanish Supplement.)

After the files are remerged, the second stage factors must be divided out for OCG so that the weights will be compatible with those for the Black Supplement. The weights for households with black non-Spanish heads must then be multiplied by one-half (see section 2 below for the reasons behind the black weighting). A NI adjustment, like the one done for the basic file alone, will be done for the OCG Questionnaires that were noninterview in August. The clusters used will have to be different, however, since part of the October sample was old design.

2. **Black Weighting** (See OCG Memo No. 2)

   a. Noninterview Adjustments

   There will be three levels of noninterview to be adjusted for in the Black Supplement - noninterview to the CPS interview in October, to the CPS interview in April, and to the OCG interview in April. In order to keep the cumulated NI adjustment factor low, we plan to redo the NI adjustment for October by computer, collapsing the cells to get factors of 1.5 or less, and to do clerically any collapsing needed in the other levels of NI adjustment.

   The adjustment for noninterview to CPS in April will be basically like the regular CPS adjustment, with modifications since the sample is smaller. The OCG noninterview adjustment will be based on income cells, as it was for the Basic Sample.

   b. Base Weights and First Stage Factors

   In most cases the weights for black males will be one-half the full weight, in order to incorporate the double sample of blacks into the total survey sample. The chart below indicates in which cases the weight of a black sample person will be divided by two.

<table>
<thead>
<tr>
<th></th>
<th>Non-Spanish</th>
<th>Black Supplement</th>
<th>Basic File</th>
</tr>
</thead>
<tbody>
<tr>
<td>In households with black heads&lt;sup&gt;1&lt;/sup&gt;</td>
<td>W/2</td>
<td>W/2</td>
<td></td>
</tr>
<tr>
<td>In households with non-black heads</td>
<td>0</td>
<td>W</td>
<td></td>
</tr>
</tbody>
</table>

   Only households with black heads were used as a source of black males in October, but all households were used in March. Therefore, those black males from the Basic Sample who were in households with non-black heads will get the full weight, and males in the Black Supplement who were in households that had a non-black head in April will get a weight of zero.

<sup>1</sup> The persons in households with black Spanish heads are considered Spanish for the purposes of weighting. 'See the OCG weighting memo No. 5 for an explanation.
After the NI adjustments and base weights are applied to the Black Supplement, a first stage factor will be applied, using the factors from October (there are two sets since five rotation groups were old design and three were new design). Then the Black Supplement file will be merged with the file containing the basic sample and the Spanish Supplement.

3. Weighting the Merged File

After the files are merged, a copy of the tape will be set aside to be used for forming the replications\(^2\) for variance estimation. A second stage factor, ratio estimating the tabs to March 1973 controls, will then be applied to the file which will be used for tabulations.

---

\(^2\) Specifications for replications appear in OCG Memo No. 6.

Attachment

cc:  S. Greene (DSD)  R. Hanson (SMD)
     B. Cohen        G. Shapiro
     H. Hamilton    E. Hoy
     T. Gibson
     E. Knowles
     J. Cannon
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     L. Wrucke
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     G. Gray
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SMD:MSchooley:elo

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Diagram of Weighting for OCG

Basic Sample with Spanish Supplement
1. NI Adjustment for March CPS
2. First Stage
3. Second Stage

Black Supplement
1. October Duplication Controls and Modified II Adjustment
2. 1/2 Base Weight
3. NI Adjustment for March CPS in April
4. NI Adjustment for OCG
5. First Stage (from October)

8. NI Adjustment for OCG in August

Tape for Variance Estimation
Replications

Second Stage (to March Controls)
Place weight in total weight location

* Already done for Spanish Supplement tags
October 11, 1973

Series: Weighting Specifications for the OCG Survey - No. 2

MEMORANDUM FOR Mr. Earl J. Gerson, Chief
Demographic Survey Division

From: Morton Boisen, Chief
Statistical Methods Division

Subject: Weighting Specifications for the Black Supplement to the
Occupational Changes in a Generation (OCG) Survey

This memo specifies the steps to be used in weighting the Black Supplement
to OCG. The actual weighting specifications are in section V of this memo.
Section I contains an outline of the weighting steps. The terms used in
the weighting specifications are defined in section II and special features
of the Black Supplement that have caused complications in the weighting
are described in section III. Section IV contains instructions for modifying
the October 1972 NI adjustment for use with the Black Supplement (see
OCG weighting memo no. 1, section II B 2a.). For an overall view of the
weighting for the full OCG survey, see OCG weighting memo no. 1 dated

I. Factors to be Included in the Black Supplement Weights

The following list shows the order in which the weights and factors
that must be included in the Total Weights for the Black Supplement will
be applied:

1. Duplication control weights from October 1972 CPS.

2. NI adjustment factors for the October 1972 CPS interview,
modified as outlined in section III.

3. Base weights from the October 1972 CPS interview multiplied
by \( \frac{1}{2} \) (see OCG weighting memo no. 1, section II B 2).

4. NI adjustment factors for the CPS interview for OCG in April
1973 (the OCG-CPS NI adjustment). This NI adjustment is done
for households.

5. NI adjustment factors for the OCG interview in April 1973.
This NI adjustment is done for persons.

6. First stage ratio estimate factors.

7. Second stage factors to March controls (instructions are in
OCG weighting memo no. 3-4).
II. Definition of Terms

A. Notation

\[ x_{1i} = \text{weighted-up number of households with black heads and eligible black males age 20-65 interviewed for CPS in April in the } i^{th} \text{ CPS noninterview cell (using the weights developed as described in section V A of this memo).} \]

\[ x_1 = \sum_i x_{1i} \]

\[ y_i = \text{weighted-up number of households with black heads in the } i^{th} \text{ cell which contained no eligible males in April (identified as Type A - other noninterviews on the records).} \]

\[ y = \sum_i y_i \]

\[ n_{1i} = \text{weighted-up number of households which were noninterview to CPS in April in the } i^{th} \text{ CPS noninterview cell (see section III B 3 for a complete description of these).} \]

\[ n_1 = \sum_i n_{1i} \]

\[ x_{2j} = \text{weighted-up number of black males 20-65 interviewed for OCG in April in the } j^{th} \text{ OCG noninterview cell (using the weights developed as described in sections V A and B of this memo).} \]

\[ x_2 = \sum_j x_{2j} \]

\[ n_{2j} = \text{weighted-up number of black males 20-65 which were noninterview to OCG in April in the } j^{th} \text{ cell.} \]

\[ n_2 = \sum_j n_{2j} \]

B. Black Supplement File (BSF)

One file of records, the Black Supplement File, will be used for the weighting procedures described in section V. There will be a record on the file for every Black Supplement sample case designated from the October 1972 CPS sample; these records will be of two types:

(1) Records for OCG sample persons—These are records for every black male 20-65 from the Black Supplement who was designated for an OCG interview in April 1973 as a result of a completed CPS interview in that month. (Note that this is not the regular April CPS interview. See OCG weighting memo no. 1, section I B).
The completed OCG interviews and the OCG noninterviews from April will be on this file. Each of these records will contain the CPS information collected in April for every household containing a sample male. Most of these records, those for sample males with completed OCG interviews, will contain the OCG information.

(2) Records for Incomplete CPS Interviews—These are records (i) for household which were contacted in April 1973 for the Black Supplement but contained no black males 20-65 or (ii) for households which could not be contacted in April for the Black Supplement, the regular noninterviews defined in section III B 3c of this memo. No CPS interviews were done for either type of household and the records are all marked as some type of noninterview. They must be on the Black Supplement File in order to do the adjustment for noninterview to CPS in April 1/ (see section III B below for an explanation of this NI adjustment).

There will be no weights on the records in this file when it is obtained for the weighting procedure described in section V. There will be space allotted for two weights on each record in the Black Supplement File (as well as in the Basic-Spanish File—see OCG weighting memo no. 3, section I A); these weights are the Basic Weight and the Total Weight (see OCG weighting memo no. 1, section II). However, only the Total Weight will be developed for the Black Supplement, since the Basic Weights will be used only for tabulating without the supplements. Therefore, all the weighting outlined in section V should be applied in the space allotted for Total Weights.

III. Special Features of the Black Supplement

A. Old and New Design

The Black Supplement was drawn from the October 1972 CPS sample, which consists of three new design rotation groups and five old design rotation groups. When doing each NI adjustment to the Black Supplement, it will be necessary to use the 72 New Design NI clusters for rotations 1-3 and the 76 old design NI clusters for rotations 4-8. It will also be necessary to apply the new design first stage ratio estimate factors to rotations 1-3 and the old design first stage factors to rotations 4-8.

B. OCG - CPS NI Adjustment 1/

1. Chart to be used with sections 2 and 3

The following chart is presented to show the disposition of the types of households described in the next two sections. Note that the

1/ All the footnotes in this memo refer to the Diagram of Weighting for OCG attached to OCG weighting memo no. 1. This NI adjustment is the one indicated by item 3 under Black Supplement in the diagram.
households represented in this chart are all households which had black heads in October 1972 and which, therefore, were in sample in April 1973.

<table>
<thead>
<tr>
<th>Head and Composition is Known in April</th>
<th>Households for Which Race of Head and Composition is Unknown in April</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Head</td>
<td>Non-Black Head</td>
</tr>
<tr>
<td>Contains Black Male 20-65</td>
<td>No Black Male 20-65</td>
</tr>
<tr>
<td>Contains Black Male 20-65</td>
<td>No Black Male 20-65</td>
</tr>
<tr>
<td>True Interviews</td>
<td>Irrelevant Interviews</td>
</tr>
<tr>
<td>Interviews</td>
<td>Interviewed Noninterviews</td>
</tr>
<tr>
<td>(For OCG-CPS NI Adjustment)</td>
<td></td>
</tr>
</tbody>
</table>

2. Interviews

The OCG-CPS NI adjustment will raise the number of CPS households interviewed for OCG in April 1973 to the level of the number of households designated in October 1972 for interview in April. There are two types of households which are to be considered as interviews for this NI adjustment.

(a) True Interviews \(x_1\) in section II A

These are households with Black heads which were identified in April 1973 as having at least one Black male 20-65 and which had complete JFS interviews at that time, using the March questionnaire.

(b) Irrelevant Interviews \(y\)

These are households with Black heads which were identified in April as having no Black males 20-65 and therefore which had no CPS interview. They are called Irrelevant Interviews (Il's) because they contribute no information to the survey, since no CPS interview was done, but they will be considered as interviews for the OCG-CPS NI adjustment because we know that there are no black eligible males in these households.
The II's are identified on the CPS records as Type A – other noninterviews. Rather than change the classification on the form for all the II's (there are 1600 of them), that classification will be kept exclusively for II cases. All other households which were originally classified as Type A – other noninterviews have been reclassified as Type C built after April 1, 1960 (1970) noninterviews (see the memo Schooley to the Record dated September 24, 1973 on the subject "Type A – Other CPS Questionnaires for the OCG Black Supplement"). In summary, the II's are classed as Type A – other, but will be considered as interviews for the OCG-CPS II adjustment.

3. Noninterviews $n_1$

There are three types of households which are to be considered as noninterviews for this NI adjustment.

(a) "Interviewed Noninterviews"

These are households which, like the True Interviews, were identified in April 1973 as having at least one black male 20-65 and which had complete CPS interviews. The difference is that the "Interviewed Noninterviews" have non-Black heads. If such sample cases exist, they are classified as interviews on the CPS forms. They will have to be identified and changed to noninterviews during the weighting procedure.

(b) "Irrelevant Interview Noninterviews"

These are households which, like the Irrelevant Interviews, were identified in April as having no eligible black males and which had no CPS interview. The difference is that the "Irrelevant Interview Noninterviews" have non-Black heads.

(c) Regular Noninterviews

These are households which had no completed CPS interviews in April and which may or may not have contained an eligible black male; they are the types A, B and C noninterviews.

The second and third types of noninterviews are identified as noninterviews on the forms. None of them, however, are identified as Type A – other noninterviews for the reason cited in section III B 2b above.

IV. Modifying the October NI Adjustment

The specifications in this section will modify the NI adjustment factors for October CPS to be used with the Black Supplement to OCG. The October 1972 CPS File should be reprocessed in order to use the modified NI adjustment outlined below.
A. Sort the October 1972 file into the same cells as were used for CPS that month and calculate the NI-adjustment factors for the cells.

B. Collapse, using the CPS procedures, if the factor in any cell is greater than or equal to 1.5.

C. Print out the factors along with the numerators and denominators and give to SMD, where any further collapsing needed will be done.

D. Any changes in the factors to be used will be specified to DSD after collapsing in SMD.

E. Save the resulting NI factors; the appropriate factor will later be pulled off for each record on the Black Supplement File (section V A3 below).

V. Weighting of the Black Supplement

A. Preparation of the Black Supplement File (BSF)

1. Match the BSF to the Master Segment Tape (the one that was used in October 1972) and pull off any additional identification items needed to do the weighting. Mismatches should be handled as they usually are for CPS.

2. Match the BSF to the Duplication Control Tape; pull off the appropriate duplication control weight for each record on the BSF and place it in the space allotted for Total Weights.²/ ²

3. Pull the appropriate NI factor for each record out of the set of factors prepared as specified in section IV above, then multiply the duplication control weight already in the Total Weight position on each record by this factor.²/ ³ Identify households with impossible NI cluster codes. Additional instructions may have to be provided for dealing with these cases, since the codes will also be used for the other two NI adjustments.

4. Multiply the weight on each record by the appropriate base weight shown below (these are ⅔ the October 1972 base weights)²/ ³. The appropriate weight is determined by the rotation group number,

<table>
<thead>
<tr>
<th>Rotation Group Number</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3</td>
<td>669.2525</td>
</tr>
<tr>
<td>8</td>
<td>662.5600</td>
</tr>
<tr>
<td>4-7</td>
<td>656.0000</td>
</tr>
</tbody>
</table>

²/ Item 1 under Black Supplement
³/ Item 2 under Black Supplement
B. OCG-CPS NI Adjustment

1. Identify interviewed households which have non-black heads (the "Interviewed Noninterviews) and change these households to noninterviews. Put them in the classification Type B - under construction, not ready.

2. Distribute all the $x_1 + y_1 + n_1$ records into NI adjustment cells as follows:

Rather than the breakdown used for CPS by eight rotation groups, use two sets of rotation groups - (i) the three rotation groups in the new design and (ii) the five rotation groups in the old design. There will be 72 clusters within the first group and 76 clusters within the second group. Use the cells shown below within the clusters. Note that the breakdowns by type of residence are the same as those used for CPS, but that there are no breakdowns by race.

<table>
<thead>
<tr>
<th>SMSA NI Clusters</th>
<th>Central City of SMSA</th>
<th>Balance Urban</th>
<th>Balance Rural</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Households</td>
<td>(1)</td>
<td>(2)</td>
<td>(3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-SMSA NI Clusters</th>
<th>Urban</th>
<th>Rural Non-Farm</th>
<th>Rural Farm</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Households</td>
<td>(1)</td>
<td>(2)</td>
<td>(3)</td>
</tr>
</tbody>
</table>

3. Determine the NI factors in the cells, using the following formula:

$$\frac{(x_1 + y_1) + n_1}{(x_1 + y_1)} = F_{li}$$

Note that the duplication controls, the modified October NI adjustment factors and $\frac{1}{3}$ the base weights are included in these weighted numbers.

4. Print out the $F_{li}$ along with the numerators and denominators (both weighted and unweighted counts) and give them to SMD, where any collapsing needed will be done.

5. Any changes in the factors will be specified to DSD after collapsing in SMD.
6. Multiply the weight in the Total Weight Position on each record for a CPS interview by the appropriate OCG - CPS NI factor.

7. Eliminate the records for all cases classified as noninterviews, including the Irrelevant Interviews, from the file which is to be sent to the sponsor. This file, which should contain only the True Interviews, will be used for the weighting described in the following sections. Save the noninterviews until all processing is satisfactorily completed.

C. Adjustment for Noninterview to OCG in April

1. Sort all \(x_1 + n_2\) records into the three cells shown below within the two sets of NI clusters described in section V B 2 above. Use the personal income from the March CPS questionnaire to determine in which cell the record of an individual is to go.

<table>
<thead>
<tr>
<th>Income</th>
<th>Less than $5,000</th>
<th>$5,000-$8,999</th>
<th>$9,000 or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Males 20-65</td>
<td>(1)</td>
<td>(2)</td>
<td>(3)</td>
</tr>
</tbody>
</table>

2. Determine the NI factors for the cells using the following formula:

\[
\frac{x_{2j} + n_{2j}}{x_{2j}} = F_{2j}
\]

Note that all the weights that have been applied as specified in the preceding sections are included in these weighted numbers.

3. Print out the \(F_{2j}\), along with the numerators and denominators (both weighted and unweighted counts) and give them to SMD, where any collapsing needed will be done.

4. Any changes in the factors will be specified to DSD after collapsing in SMD.

5. Multiply the weight in the Total Weight position on each record for an OCG interview by the appropriate NI factor.

D. First Stage Factors

Multiply the weight on each record by the appropriate first stage factor. The new design factors should be used for rotations 1-3 and the old design factors for rotations 4-8.

---

4/ Item 4 under Black Supplement
5/ Item 5 under Black Supplement
E. Use of the Weighted Black Supplement File

This completes the specifications for weighting the Black Supplement File. It is ready to be merged with the Basic-Spanish File as specified in section III of OCG weighting memo no. 3-4.
October 9, 1973

Series: Weighting Specifications for the OCG Survey - No. 3-4

MEMORANDUM FOR Mr. Earle J. Gerson, Chief
Demographic Surveys Division

From: Morton Boisen, Chief
Statistical Methods Division

Subject: OCG Weighting Specifications for the Combined Basic and Spanish
Supplement Samples and the Merging with the Black Supplement Sample

This memo specifies the steps to be used in weighting the OCG Basic Sample
and the Basic Sample with the Spanish Supplement. Originally, it was
planned to present these specifications in two memos—for the Basic Sample
(OCG Weighting Memo Number 3) and for the Basic with Spanish (Number 4).
However, the specifications are now being combined in this one memo,
umbered 3-4. The specifications in this memo will result in the Final
File which can be used for tabulating OCG data. See OCG weighting memo
number 1, dated September 17, 1973, for an overall view of the weighting
for the full OCG survey.

Section I of this memo describes a file consisting of the records for the
Basic Sample and the Spanish Supplement, hereafter referred to as the Basic-
Spanish File. This section also deals with special features of the survey
that influence the weighting. The instructions for weighting the Basic-
Spanish file are in section II. Section III specifies the merging of the
Black Supplement File (prepared from the specifications in OCG weighting
memo no. 2) with the Basic-Spanish File and the ratio estimating of the
merged file (the Final File) to March control totals.

I. Background Information for the Specifications in This Memo

A. Basic-Spanish File

1. Records in the File

This file of records will be used for the weighting procedures
described in section II. There will be a record on the file for every
male 20-65 from the Basic Sample and the Spanish Supplement who was desig-
nated, after the CPS interview in March, to receive an OCG questionaire
in August. The completed OCG interviews and the OCG non-interviews from
August will be on this file. Each record will contain the CPS information
for a sample male. Most of the records, those for sample males with
completed OCG interviews, will contain the OCG information.
2. Weights on the Records in the File

There will be space allotted on each record for two weights.

a. Weights in the Basic Weight Position

One of the weights on the records was used with the March CPS sample to obtain the Labor Force tabs. We will start with this weight and develop it further for OCG as specified in sections IIIA and IIIB1 of this memo. The resultant weight will be the OCG Basic Weight described in OCG weighting memo no. 1, section II A. None of the records for males from the supplements will have a weight in this space.

b. Weights in the Total Weight Position

The other weight on the records is produced by the operations of my memo to you dated September 27, 1973, on the subject: Revision of Specifications for Noninterview Adjustment for the Spanish American Supplement Sample for March 1973 CPS. The specific instructions for the further development of this weight for OCG are given in sections II B, II C, and III B2 of this memo; the resultant weights will be the OCG Total Weights described in memo number 1, section II B.

3. Items Needed for Weighting

The following items will be needed for each record for the weighting.

a. Weights - the two weights described in the preceding paragraphs.

b. Personal Income - the income of every male for whom there is a record on the Basic-Spanish File, available from the CPS information on the record.

c. Race

d. NI Cluster Code

B. Special Features of the Survey

1. Basic Sample and Total Sample

Although the specifications for developing the Basic and Total Weights are both included in sections II and III of this memo, it is important to remember that the development of the two weights must be done completely separately. Therefore, two noninterview adjustments are described in section II: (i) the Basic OCG WI adjustment1 and (ii) the Basic-Spanish OCG WI adjustment2. The formulation of two sets of second

1/ All the footnotes in this memo refer to the Diagram of Weighting for OCG attached to OCG weighting memo no. 1. This WI adjustment is the one indicated by item 2 under Basic Sample Only in the diagram.

2/ Item 8 under Basic Sample with Spanish Supplement.
2. Spanish Supplement - Old and New Design

The Spanish Supplement was drawn from the October 1972 CPS sample, which consisted of three new design and five old design rotation groups. Therefore, the Basic-Spanish II adjustment will have to be modified to account for the two groups of non-interview clusters for the old and new design. Details on the adjustment are given in section II C.

II. Specifications for Weighting the Basic-Spanish File

A. Basic OCG NI Adjustment

1. Sort all the records which have an entry in the Basic Weight position into the 72 new design NI clusters used for March 1973 CPS, with no breakdown by month in sample.

2. Within the clusters sort the records into the seven cells shown below. Use the personal income from the March CPS questionnaire to determine into which cell the record of an individual is to go.

<table>
<thead>
<tr>
<th>Income</th>
<th>Less Than $6000</th>
<th>$6000-$9999</th>
<th>$10,000-$14,000</th>
<th>$15,000 or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Males</td>
<td>1.</td>
<td>2.</td>
<td>3.</td>
<td>4.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Income</th>
<th>Less Than $5000</th>
<th>$5000-$8999</th>
<th>$9000 or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-White Males</td>
<td>5.</td>
<td>6.</td>
<td>7.</td>
</tr>
</tbody>
</table>

3. Determine the NI Factors in the cells, using the following formula:

\[
\frac{x_i + n_i}{x_i} = F_i
\]

where \( x_i \) = the weighted-up number of OCG interviews in the \( i \)th cell (using the weights in the Basic Weight position)

\( n_i \) = the weighted-up number of OCG non-interviews in the \( i \)th cell.

\( 3/ \) Item 3 under Basic Sample Only

\( 4/ \) Second Stage after Black Supplement and Basic Sample with Spanish Supplement are merged.
4. Print out the $F_j$ along with the numerators and denominators (both weighted and unweighted counts) and give to SMD, where any collapsing needed will be done.

5. The NI adjustment factors will be returned to DSD, after collapsing in SMD, in a table which will show the factor to be used for each of the seven cells within each of the 72 clusters, i.e. there will be $72 \times 7 = 504$ factors. Multiply each weight, in the Basic Weight position on the records of each OCG interview, by the appropriate factor.

6. Multiply the weights in the Basic Weight position on the records of the OCG non-interviews by zero. Keep these records in the file.

B. Preparation of the Weights in the Total Weight Position for NI Adjustment.

1. Second Stage Factors

   Divide out, from the weights in the Total Weight position, the second stage factors (both "final" and intermediate") that were applied during the March weighting of the Basic-Spanish records.\(^5\)

2. Weights for Black Sample Persons

   Identify, in the Basic Sample only, the records of black sample males from households with no Spanish person but with black heads; multiply the weights in the Total Weight position on these records by $\frac{1}{2}$.\(^6\)

C. Basic-Spanish OCG NI Adjustment\(^2\)

1. Sort all the records with an entry in the Total Weight position into the 56 cluster-cells shown in Attachment A. Use the personal income from the March CPS questionnaire to determine into which cluster-cell the record of an individual is to go.

2. Determine the NI factors in the cells, using the following formula:

$$\frac{x_j + n_j}{x_j} = F_j$$

where $x_j$ = the weighted-up number of OCG interviews in the $j$th cluster-cell (using the weights in the Total Weight position).

$n_j$ = the weighted-up number of OCG non-interviews in the $j$th cluster-cell.

---

\[5\] Item 6 under Basic Sample with Spanish Supplement.

\[6\] Item 7 under Basic Sample with Spanish Supplement. See the forthcoming OCG weighting memo No. 5 for an explanation of the weighting of black-Spanish persons.

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3. Print out the $F_i$ along with the numerators and denominators (both weighted and unweighted) and give to SMD, where any collapsing needed will be done.

4. The $Y_i$ factors will be returned to DSD, after collapsing in SMD, in a table like that shown in the attachment. Multiply each weight, in the Total Weight position on the records of the OCG interviews, by the appropriate factor.

5. Multiply the weights in the Total Weight position on the records of the OCG noninterviews by zero. Keep the records on the file.

III. Creating the Final File

A. Merging the Files

Merge all the records on the weighted Black Supplement File with the records, weighted as described in sections I and II above, on the Basic-Spanish File. The resultant file should contain a record for each interviewed and non-interviewed male from the total OCG survey, i.e. the Basic Sample and the supplements.

B. Ratio Estimation to March Control Totals

The 22 age-race cells to be used in the second stage ratio estimation procedure for OCG are shown in Attachment B. The numbers in the cells in that attachment are the March 1973 control totals for the whole United States. The ratio estimation should be done using breakdowns by these 22 cells and by rotation group. The control total for each cell within a rotation group should be $1/8$ the total shown in the attachment.

1. Second Stage Ratio Estimation for the Basic Weights

Adjust the estimates, resulting from accumulating the weights in the Basic Weight position on the records of the OCG interviews, to March 1973 control totals. This will result in the final Basic Weights, to be used for tabulating without the supplements.

2. Second Stage Ratio Estimation for the Total Weights

Adjust the estimates, resulting from accumulating the weights in the Total Weight position on the records of the OCG interviews, to March 1973 control totals. This will result in the final Total Weights, to be used for tabulating with the supplements.

Attachments

cc: S. Greene (DSD) S. Platt (DSD) R. Hanson (SMD)
    B. Cohn "        A. Episcopo "        G. Shapiro "
    H. Hamilton "    L. Wrucke "        E. Hoy "
    T. Gibson "      G. Gray "          G. Dippo "
    E. Knowles "     E. Davey "         M. Schooley "
    J. Cannon "

SMD: Schooley: 310/3/73

351
See Table 1 in Attachment B to the memo Boison to Gerson of May 25, 1973 on the subject of the noninterview adjustment for the Spanish-American supplement sample for March 1973 CPS. The groupings of clusters for the 449 and 461 designs being used for the OCG NI adjustment are the ones that are shown in this table.
### Age-Race Cells with March 1973 U.S. Control Totals for OCG Second Stage Ratio Estimation

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<td>62-65</td>
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\[\text{Total:} \quad 47,285,396 \quad 5,704,164 \quad 52,989,560.\]
August 30, 1974

Series: Weighting Specifications for the OCG Survey - Memo No. 5

MEMORANDUM FOR Mr. Earle J. Gerson, Chief
Demographic Surveys Division

From: Morton Boisen, Chief
Statistical Methods Division

Subject: OCG Black Sample Persons from Households with Black Heads and
at Least One Spanish Person

I. Introduction

A few households drawn from the October CPS sample were included in both
the Black and Spanish Supplements to OCG. These were households which (1) con-
tained a black male 20-65, (2) had at least one Spanish person (the definition
of a household in the Spanish Supplement), and (3) had a black head (the
definition of a household in the Black Supplement).

The purpose of this memo is to describe how these households were handled
while conducting the survey and to explain how the weighting of all households
with black heads and at least one Spanish person, from the Basic Sample and
the supplements, was done. See OCG Weighting Memo No. 1 for an overall
view of the weighting.

II. Interviewing Supplement (October 1972 CPS) Households with Black Heads and
at Least One Spanish Person

A. Interviewing in March 1973

All households from the October CPS sample which had at least one
Spanish person (Spanish households) were interviewed in March 1973 for
inclusion in the 1973 Spanish-American tabulations. The males 20-65 from
these Spanish households were to be interviewed in August for OCG. Some of
these Spanish households had black heads, and therefore were also eligible
for inclusion in the OCG Black Supplement, which was interviewed for CPS
and OCG information in April 1973.

B. Interviewing in April 1973

The original plans for OCG were to consider all black Spanish males
as blacks for the purposes of conducting the survey and weighting the data.
With this in mind, every control card for Spanish Supplement households was
examined. If there was a black male 20-65 in the household and if the household
was listed in the Black Supplement (i.e., the household had a black head), it
was interviewed again in April for March CPS information; the black males in
the household were then interviewed for OCG information. The eligible males
from each household of this type were removed from the possibility of being
interviewed for OCG in August with the rest of the Spanish Supplement males.\footnote{Note that this procedure precludes the possibility that any eligible non-black Spanish males in these households would have been interviewed for OCG information. However, this was not a problem in actuality because there were no non-black Spanish males in these households.}

III. Weighting Black Sample Males from Households with Black Heads and At Least One Spanish Person

A. Males from Supplement Households

We decided to weight black males from supplement households with black heads and at least one Spanish person with the Spanish Supplement. This decision was made because much of the weighting, incorporating these males with the Spanish Supplement, had already been done for the Spanish-American tabulations; removing these cases from the Spanish Supplement in the further weighting for OCG would have introduced a bias. No weighting had yet been done for the Black Supplement, so it was possible to remove these cases before it was weighted without introducing bias.

Therefore, the CPS questionnaires completed in April for households of this type were separated from the rest of the Black Supplement CPS questionnaires and destroyed. The OCG questionnaires, completed in April for males from these households, were processed with the rest of the Spanish Supplement OCG questionnaires completed in August, i.e., they were removed from the April processing.

B. Males from Households in the Basic Sample

The base weights for persons from Spanish households in the Basic Sample were halved for the Spanish-American tabulations\footnote{Persons from Spanish households in the Basic Sample which were identified as movers are an exception to this; these persons were given their full weight. See the memo Boisen to Corson of September 29, 1972 on the subject "Weighting Procedure for Spanish-American Tabulations from March 1973 CPS."}. The weights for the households in the Basic Sample with black heads had to be halved in order to accommodate the double sample of black households into the OCG survey. The weighting instructions for the Basic Sample specify halving the weights for black sample males from households which have black heads and which are non-Spanish; as a result the weights for black males from Spanish households will not be halved again (see OCG Weighting Memo No. 3-4, section II.B2).

cc: See attached list.

SMD: MSchooley:ds
MEMORANDUM FOR Mr. Earle J. Gerson, Chief
Demographic Surveys Division

From: Morton Boisen, Chief
Statistical Methods Division

Subject: Revision of Specifications for Noninterview Adjustment for the Spanish American Supplement Sample for March 1973 CPS

I. Problem

A review of preliminary tabulations of the combined October-March file for Spanish Americans has raised several questions, one of which this memorandum seeks to answer. The estimate of Spanish-Americans from the combined October-March file (11,362,000) is larger than the estimate from the October file only (10,466,000), or the estimate from the March file (10,752,000). An investigation of the specifications memorandum (Boisen to Gerson May 25, 1973) on this subject has revealed a major cause for this illogical result. In that memorandum certain terms were defined:

\[ n_{ai} = \text{Number of Spanish households interviewed in October} \]

for the \( i \)th Spanish noninterview group where \( i = 1, 2, 3, \ldots, 28 \).

\[ n_{ci} = \text{Number of October Spanish interviewed in March for the} \]

\( i \)th Spanish noninterview group.

\[ 1 + b_i = \frac{n_{ai}}{n_{ci}} \]

Noninterview adjustment factor in March for the October sample of Spanish households in the \( i \)th Spanish noninterview group.

The problem lies in the definition of \( 1 + b_i \). This noninterview adjustment factor should have been:

\[ 1 + \hat{b}_i = \frac{n_{ai}}{n_{ai} - n_{zi}} \]

where \( n_{zi} \) is the number of Spanish households that were interviewed in October but were type A noninterview in March. Note that the term \( \frac{n_{ai} - n_{zi}}{n_{ai} - n_{zi}} \) includes movers between October and March, and the term \( 1 + \hat{b}_i \) is generally smaller than the \( 1 + b_i \) calculated previously.

/Note that in October the first, second, and third month in sample households are from the 461 Area Design, and that the remaining sample households are from the 449 Area Design. /

/There are four additional cells for the non-housing unit population. /

/If \( n_{ai} \) and \( n_{zi} = 0 \), 1 should be used for \( 1 + \hat{b}_i \). /
specific $1 + \hat{b}_i$ may be larger than $1 + b_i$ however. In the original non-
interview adjustment, only 73 of the actual total 150 cases were identified 
with type A noninterviews.

A case-by-case review, the extent of the missing cases (150-73 = 77) 
was established. These 77 cases have been allocated to the Spanish noninterview 
cells proportionate to the number of October Spanish interviewed cases 
in each cell before computing the factor $1 + \hat{b}_i$.

II. Correction of Noninterview

After discussion with members of your staff to correct this problem, the 
following procedures were agreed upon:

1. SMH would manually calculate for each Spanish noninterview group 
   
   \[ 1 + \hat{b}_i = \frac{n_{ai}}{n_{ai} - n_{zi}} \]
   
   from information from computer printouts.

2. SMH would also manually calculate for each Spanish noninterview 
   group \[ \hat{r}_i = \frac{1 + \hat{b}_i}{1 + b_i} \]

3. DSD will write a computer program to apply the $\hat{r}_i$ factors on top 
   of the weights already computed for each October Spanish household 
   interviewed in March. When passing the combined October-March file 
   apply the appropriate factor $\hat{r}_i$ for each October Spanish household 
   interviewed in March in the $i$th Spanish noninterview group.

Attachment A contains the computed $1 + \hat{b}_i$ and $\hat{r}_i$ values.

III. Correction for First-Stage Factors

The computer program should also correct for some first stage factors applied 
to October Spanish. For the three rotation groups based on 1970 materials 
(rotations 1, 2, and 3), the first stage factors on each October Spanish 
household are correct. However, for the five rotation groups based on 1960 
materials (4, 5, 6, 7, and 8), the first stage factors are incorrect, as they 
were based on the 1970 sample design. Therefore, for each household in these 
five rotation groups, the incorrect first stage factors given in Attachment B 
should be divided out and the correct first stage factors given in Attachment C 
should be applied.

IV. Use of Spanish Weights for Occupational Changes in a Generation (CSS' 
Tabulations

The output file from the corrections outlined above should be copied. The 
copy will be used for CSS, while the original will continue on to the March 
Supplemental Weighting.

Attachments

ED: Lloyd ab  cc: S. Greene (DSD)  R. Hanson (S:D) 
G. Gray (DSD)  G. Shapiro (S:D) 
E. Duray (DSD)  M. Schooley (S:D) 
H. Hamilton (DSD)  E. Hoy (SMH) 
T. Gibson (NCD)
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360
A Sampling Design Factor for the 1962 OCG

We have very little information about sampling error in the 1962 OCG. There is a table of standard errors of percentages for a range of population bases which pertain to occupation and education reports (from Bureau of the Census, "Educational Change in a Generation: March, 1962," Current Population Reports, Series P-20, No. 132 (September 22, 1964), Table G, reproduced in Appendix G of Blau and Duncan, The American Occupational Structure, New York: Wiley, 1967, P.477). This table is reproduced in columns (1)-(3) of the attached table. Since the 20,700 OCG respondents represent 44,984,000 men aged 20-64, sample case bases may be estimated by dividing the entries in column (2) by 44,984,000 = 2173.14 with the results shown in column (5). For example, 50,000 men are represented by 23 sample cases on the average. Under simple random sampling the standard error of a proportion is s.e.(\(\hat{p}\)) = \(\sqrt{\frac{\hat{p}(1-\hat{p})}{N}}\). Since we know s.e.(\(\hat{p}\)) and \(p\) from columns (1) and (2), we can compute the size of the random sample needed to obtain a standard error of the given size for each value of \(p\) as \(N = \frac{\text{DO}}{\text{s.e.}^2(\hat{p})}\), with results as shown in column (4). The ratio of entries in column (4) to those in column (5) are as the variances of percentages under simple random sampling compared to those in the OCG sample design. Where the population bases are small and true percentages large, so there is little rounding error in the calculations, the several estimates consistently suggest a relative efficiency of the OCG design of .62, so standard errors are about \(1/\sqrt{.62} = 1.27\) times as large in the OCG as under simple random sampling. In the absence of any better guideline this might be used as a rule of thumb in making inferences from the OCG data.
<p>| 1 or 99 | 100,000 | 50,000 | 1,000,000 | 2,500,000 | 5,000,000 | 10,000,000 | 25,000,000 | 50,000,000 | 14.6453 | 27.4245 | 154.6914 | 275.0069 | 618.7656 | 1,100.0277 | 2,475.0675 | 9,900.2500 | 9,900.2500 | 23.0096 | .6365 |
| 2 or 98 | 50,000 | 100,000 | 500,000 | 1,000,000 | 2,500,000 | 5,000,000 | 10,000,000 | 25,000,000 | 50,000,000 | 14.3170 | 28.9941 | 136.1111 | 306.2500 | 784.0000 | 1,225.0000 | 4,177.7777 | 4,900.0000 | 19,600.0000 | 23.0096 | .6222 |
| 5 or 95 | 50,000 | 100,000 | 500,000 | 1,000,000 | 2,500,000 | 5,000,000 | 10,000,000 | 25,000,000 | 50,000,000 | 14.1143 | 28.2453 | 146.5445 | 280.9492 | 741.8814 | 1,318.9003 | 5,275.6011 | 11,870.1025 | 23.0096 | .6134 |
| 10 or 90 | 50,000 | 100,000 | 500,000 | 1,000,000 | 2,500,000 | 5,000,000 | 10,000,000 | 25,000,000 | 50,000,000 | 14.4208 | 28.6990 | 144.0000 | 277.7777 | 743.8017 | 1,406.2500 | 5,625.0000 | 10,000.0000 | 23.0096 | .6267 |
| 15 or 85 | 50,000 | 100,000 | 500,000 | 1,000,000 | 2,500,000 | 5,000,000 | 10,000,000 | 25,000,000 | 50,000,000 | 14.1297 | 28.4073 | 141.6893 | 289.1619 | 754.5586 | 1,574.3260 | 5,602.4573 | 14,168.9344 | 23.0096 | .6141 |</p>
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$\bar{x} = .6102$
NOTE: This is a preliminary description of the study design; minor modifications were made in the context of the 1973 supplemental questionnaire.

DESIGN FOR A REPLICATE STUDY
OF SOCIAL MOBILITY
IN THE UNITED STATES

David L. Featherman and Robert M. Hauser

DESIGN FOR A REPLICATE STUDY OF SOCIAL MOBILITY IN THE UNITED STATES

David L. Featherman and Robert M. Hauser

In the early 1960s Professors Peter M. Blau and Otis Dudley Duncan initiated a major sample survey of the extent and sources of social mobility in the United States. Entitled "Occupational Changes in a Generation" (OCG), their survey was carried out as an adjunct to the monthly Current Population Survey (CPS), which in March of 1962 elicted data on fertility, education, income, and employment. Using a two-page mail-back questionnaire from which supplementary details about socioeconomic origins, residential background, and spouse characteristics were ascertained, Blau and Duncan were able to carry out an extensive analysis of the processes of status attainment and social mobility in an unusually large (by social science standards) cross-section sample of the American population.

We are presently engaged in a replication and extension of the 1962 OCG survey for which the field work will be carried out in 1973. In this chapter our purpose is to present the major features of our study design and, in so doing, to give particular attention to problems in achieving a strict replication. Our concept of a strict replication is taken from Duncan (1969, 1970) and denotes a

*The paper was prepared for the Conference on Social Indicator Models, Russell Sage Foundation, under a grant from the National Science Foundation (Grant No. GI-31604X). Support was received from the College of Agriculture and Life Sciences and the Center for Demography and Ecology, University of Wisconsin, Madison. The authors wish to thank the numerous colleagues and critics in universities and governmental agencies, particularly the Bureau of the Census, who have been instrumental in the development of our research design.
Social Indicator Models

reapplication of the same measurement instruments, according to the same techniques of sampling, to an equivalently defined population as in a base-line study; we differentiate a strict replication from a restudy, in which one or more elements of the original design has been compromised. The idea of replicating the OCG survey has received some attention in the recent literature on social reporting, not only because of the quality and importance of the base-line measurements, but also because the model-building strategy employed in analyses of the 1962 data seems especially likely to yield useful social indicators (see Land, 1971, and his introductory chapter of this volume). In an agenda on “Social Reporting for the 1970s” prepared for the Commission on Federal Statistics, Sheldon, Land, and Bauer recommend “the replication of the Occupational Changes in a Generation survey in 1972 and the repetition of the survey on at least a decennial basis” (1971:418). In arguing for a replication Sheldon et al. observe:

First of all, the survey was conducted in 1962 which makes the data nearly a decade old. Second, this has been a decade of broadened governmental activities to influence the distribution of opportunities throughout the society, particularly with regard to racial and ethnic minorities. Therefore, it is a matter of considerable urgency to ascertain the effects, if any, of such activities on social mobility. Finally, excellent though the survey was by comparative standards, it could certainly be improved in both its execution and analysis if repeated today.

With regard to the feasibility of replicating the OCG survey in order to measure trends in stratification, Otis Dudley Duncan has written (1968:716):

We are now in a position to argue that any real change in the degree of stratification, or in correlations between variables implicated in the process of stratification, provided the change is large enough to be interesting, can be detected by repeated surveys, provided there is rigorous standardization of concepts, scales, and survey techniques. Thus, I would urge that high priority be given to a replication of the OCG survey in 1972 (to take advantage of the convenience of a ten-year interval). In all relevant particulars, the survey should repeat the procedures used ten years earlier. This would not preclude experimentation with new questions, alternative measures of occupational status and so forth, provided that these are handled as additions to the replication and not as substitutes for it.

While the time is already past when we might have enjoyed the convenience of replication at a ten-year interval, in other respects we are hopeful of fulfilling the recommendations just cited.

THE 1962 SURVEY: DESIGN

The target population in the 1962 OCG survey was males 20 to 64 years old in the civilian noninstitutional population in March 1962 (including as eligible about 900,000 Armed Forces personnel living in families on military posts in the
Figure 9.1. Basic Causal Model of the Process of Status Attainment

Source: Blau and Duncan (1967: 170); coefficients on straight, one-headed arrows are net regression coefficients in standard form; coefficient on curved, two-headed arrow is a coefficient of correlation.

all of the variance in occupational status between the farm and the nonfarm background subgroups (since those of farm origin attained fewer years of schooling, an outcome, but only in part, of higher levels of fertility in the parental generation and the lower socioeconomic background statuses associated with the farm residential sector).

Aside from education, another intervening variable between social origins and social destinations (see Figure 9.1) was first full-time job after the completion of schooling (the measurement of this variable proved to entail knotty problems and possible reporting errors). Holding constant social background statuses, education was more influential in determining 1962 occupational statuses for each of the selected age cohorts than was first job, although there was some fluctuation in the net regression coefficients across cohorts. Ignoring distortions owing to differential reporting and measurement errors, these fluctuations in the cohorts models reflected both historical aspects of the respective cohort experiences and differential durations of full-time labor force tenure. In the 1962 cross-section these effects could not be separated directly, but in the proposed trend data, such an issue becomes tractable.

The OCG data permitted an examination of ethnic and minority group achievements based on the Blau and Duncan model of the process of status attainment. First and second generation immigrants to the United States differed (in 1962) in the degree to which their national origin backgrounds accounted for the variance in their respective socioeconomic attainments in their adopted
country. For native sons of foreign parentage, national origin was less a factor in educational and occupational status attainment than for their fathers. Still, among these native white males of nonfarm background (determined by paternal employment in farm or nonfarm occupations while son was about age 16), the Russian-Americans surpassed all other ethnic subgroups, while the Latin Americans fell below all others in educational and occupational attainments. By and large the variance between these white ethnic groups could be attributed to social origin differentials and subsequent achievements, leaving little support for pervasive discrimination in the distribution of education and occupation on grounds of national ancestry. Moreover, that both sons of immigrants and native males who had migrated from their regions of birth enjoyed greater social mobility than natives who had remained in their natal environs attested to the possibility of achievement and assimilation for white males, irrespective of national origins.

However, there was no similar evidence for the operation of vertical circulation based on universalistic criteria in the OCG data for nonwhites (hereafter, blacks). Neither background characteristics (paternal statuses and southern natality) nor educational differentials were capable of accounting for the relative socioeconomic underachievements of blacks vis-à-vis whites of similar characteristics; these differences were greater at the higher levels of completed schooling. While for white minorities there was not abundant evidence for a “cycle of poverty,” there was greater plausibility for such a condition among the black population in 1962: for each of the achieved statuses of education, occupation, and income, there remained proportions of black-white differences which could not be explained by regional, social background, intellectual, and prior achieved status. In short, in the 1962 data there was evidence for cumulative racial (but not national origin) discrimination over the life-cycle.²

**POLICY IMPLICATIONS**

Following Sheldon and Land (1972:139) we may say that social indicators derived from OCG data (past and future) are mainly “analytic” or “descriptive,” rather than “problem oriented or directly policy-oriented.” That is, they “serve as components of explicit conceptual and causal models” of segments of the social system and are “intended primarily to describe the state of society and changes taking place within it,” while their utility for “direct use in policy and program decisions” is limited.

This is not merely a euphemistic way of saying that OCG data are irrelevant.

² Excluded from this brief summary of the OCG findings are the socioeconomic effects of the internal structure of the family of origin (sibling position; data on R's brother), stability of family of origin, migration, and marriage and fertility.
Design for a Replicate Study of Social Mobility in the United States

in policy formation. Like Blau and Duncan (1967:1), we believe that our findings "will be helpful to policy-makers and the interested public in formulating appropriate action programs and clarifying public controversy." We think that our findings will be useful to policy makers and others by helping them to assess the opportunities which are available to major population subgroups and the factors which limit or enhance those opportunities. Such assessments are not presently available from any other source with the scope and detail made possible by the combination of the original and replicated OCG surveys, and we believe they can be an important input to processes of setting goals and strategies for the enhancement of opportunity.

At the same time we do not wish to oversell the utility of our research in the formation of policy. Other large-scale social researches have engendered great disappointment by claiming more immediate relevance to the formation of policy than was justified by the facts, and we do not propose to repeat such claims. For example, we think it most unlikely that our work will lead directly to the implementation of specific social programs with predictable cost and effectiveness. The major policy value of our research lies in its potential contributions—substantive and methodological—to the construction of a time-series of indicators (both descriptive and analytic) of the distribution of social and economic opportunity in the United States. Specifically, there are five areas in which we think our study can contribute to policy formation:

1. In the assessment of widespread beliefs about equality of opportunity and factors affecting it. We think that the "debunking" function of OCG findings should not be underrated. For example, findings from the 1962 study cast a great deal of doubt on the utility of concepts of a "cycle" or "culture" of poverty, and more specifically on the suggestion that family instability was the major source of white-black achievement differentials. Other pertinent 1962 findings include the fact that excess fertility in the family of orientation is not a major factor in black-white occupation and income differentials in adulthood and that discrimination in the labor market is a source of a larger share of white-black occupation and income differentials than is differential educational attainment. We expect our replication to further validate and refine these findings and to produce new findings about specific variables in the process of achievement which are relevant to public policy. For example, we shall obtain measurements of the role of military service, union membership, and interruptions in schooling on the inheritance of social status across generations. In a sense such measurements provide "cost-free" estimates of the possible value of successful intervention in the achievement process.

2. In locating and defining the problems of specific population subgroups. We think that our measurements on women and on ethnic-racial groups—especially on blacks and on the Spanish-speaking—and on rural out-migrants will be especially pertinent here. From a policy perspective the outcome of these
measurements in younger cohorts will be especially interesting inasmuch as their experiences incorporate recent trends.

3. In providing an overall model of the process of social and economic achievement which can serve as a frame of reference for discussions about specific aspects of that process. We expect to refine and elaborate the "basic" model of occupational achievement proposed by Blau and Duncan. We think the value of operating within that kind of explicit model is amply illustrated by findings like those cited under no. 1 above, and at a more general level, by other examples of social indicator models in this volume.

4. In providing a set of current trend estimates on major features of the process of social achievement. We think that trend measurements will be of value in the process of policy formation, even where the allocation of responsibility for specific changes (or the lack thereof) is a matter of judgment, rather than proof. It has been our impression that the value of single-time measurements, like the survey undertaken for Equality of Educational Opportunity, is lower because many policy judgments must rest on inherently unsupportable assumptions about what earlier surveys might have shown. Fortunately, the design of OCG permits us to obtain implicit trend measurements in a single-time survey, to replicate and validate earlier trend measurements of the same kind, to obtain benchmark trend measurements on additional variables, and to extend the existing "stock" of trend measurements by one more point in time.

5. In improving the measurement of processes of social and economic achievement. We think that our investment in improved measurement techniques—and also in new techniques of data reduction and analysis—will be quite as important for the policy applications of our findings as for their purely academic uses. We think our proposed innovations can contribute both to the quality and legitimacy of the information we can supply and to the development of methods for future replications and other related studies.

For example, the questions of poverty and its possible transmission between generations are interesting research issues for the student of American society and of its distribution of rewards, services, and life changes. OCG data bearing on these issues can also serve as a base-line for a series of social reports on the trends of opportunity and socioeconomic well-being in this country. Knowing that as of 1962, growing up in an intact (rather than a broken) family provides from 0.6 to 1.0 year more of schooling for young boys, that increasing their fathers' occupational statuses by 10 Socioeconomic Index (Duncan, 1961:Chap. 6) units adds another 0.3 years, and that limiting the number of their potential siblings by one would increase their formal education by yet another 0.2 years is at least potentially useful for those whose function is to write public policy. Being able to calculate the costs of discrimination in the distribution of education and occupational status (among men of different skin colors but otherwise equivalent) in terms of dollars of earnings not only speaks to the
credibility of academic arguments regarding the pervasiveness of a "culture of poverty" for all of "the poor" (regardless of skin color), but it provides statistical estimates of the cost (ceteris paribus) of being black. Moreover, the latter estimates could be used to calculate the probable gains to black citizens, and to the nation as a whole, of ameliorative programs and of alternative interventions in the processes of status attainment.

A detailed analysis of cohort-specific attainment processes for whites and blacks during the past decade would constitute an important input to social policy formulation. After all, one could argue that the social legislation of the late 1950s and the 1960s should by now be producing effects on the distribution of statuses and life chances between racial and ethnic minorities, at least for selected age cohorts. Although the effects of specific programs are unquestionably difficult to disentangle, one would expect prima facie the effects of discrimination to be less costly on younger cohorts of minorities in 1972 than in 1962. If, when compared with the OCG base-line, replication data were to indicate no diminution in the cost to younger cohorts of being black, one might regard this as a relevant datum for the evaluation of current public policies. Regardless of the outcome of a replicate study, we argue that such an undertaking is policy related, at least to the degree that the maximization of opportunity for all Americans is still a viable societal goal.

In this context, we feel that an intergenerational focus is an appropriate framework for estimating the degree of opportunity (alternatively, the degree of status inheritance). We argue that attention directed at the mechanisms by which statuses (including "poverty") are transmitted between generations captures the presence of the process of stratification, or social mobility, as this process is experienced differently by various age cohorts or subpopulations. By calculating cohort- and period-specific data for intergenerational status transmission, the relationships of cause and effect, of policies and social conditions, and of events and populations are rendered more tractable. We would argue further that data so derived are more useful in assessing our abilities to reach societal goals (i.e., equality of opportunity) than are aggregate income and family labor force statistics for short-term movements into and out of "poverty."

Our replication of the 1962 OCG study will provide a valuable cross-sectional survey of these issues (and others) for the new decade, and both cross-sections will be a rich resource for information concerning the stratification of American society, as experienced by specific age cohorts of males. For example, if we accept the basic causal model adduced in Figure 9.1, we can construct tables of statistical estimates like Table 9.1 (containing estimates of coefficients in the basic model of achievement for four age cohorts of nonfarm men in 1962) for both 1962 and 1972. Our replication is designed so changes in the coefficients over the decade indicate real shifts in the processes of status attainment. Changes in coefficients for the age group 25-34 in both years will
Table 9.1. Regression Coefficients for Recursive Model Relating Achieved Statuses to Family Background Factors, by Age, for Non-Negro Men with Nonfarm Background, in Experienced Civilian Labor Force: March 1962

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</tr>
<tr>
<td>45 - 54</td>
<td>3.7994</td>
<td>-0.2057</td>
</tr>
<tr>
<td></td>
<td>0.0918</td>
<td>0.2394</td>
</tr>
<tr>
<td>55 - 64</td>
<td>3.1965</td>
<td>-0.2028</td>
</tr>
<tr>
<td></td>
<td>0.0768</td>
<td>0.2281</td>
</tr>
</tbody>
</table>

Source: Duncan et al., 1972: Tables 3.1 and 3.2.

Notes: Parentheses enclose each coefficient whose value is less than its standard error in absolute value.

<sup>a</sup>V: Father's educational attainment.
X: Father's occupational status.
T: Respondent's number of siblings.
U: Respondent's education.
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be indicative of interperiod shifts in the parameters of stratification for persons at equivalent stages of the life-cycle; associated with fluctuations in the coefficients for an aging cohort (say one ages 25–34 in 1962 and ages 36–45 in 1973) will be the effects of maturation and its location in history. In short, our replication will allow a duplication of the types of analyses summarized above from the OCG study in a second cross-section, but in conjunction with the 1962 OCG, the 1972 data will introduce new capacities for the assessment of trend over the decade.

We understand the net result of our replication to be the estimation of a set of parameters for the processes of stratification which have the status of social indicators. These indicators, be they single coefficients such as those in Table 9.1 or entire systems of equations (or their graphic counterparts, as in Figure 9.1), delineate social states in the two cross-sections, define lingering and new social problems, and trace social trends over the decade in the intergenerational mobility processes, “which by social engineering may hopefully be guided toward social goals formulated by social planning [paraphrase of Stuart Rice’s (1967) definition of social indicators from the form cited in Duncan, 1969:2].”

We concur with Duncan (1969) that replication studies of the sort permitted by the OCG cross-section and the provision of analytic indicators of states and trends are important “next steps” for the social sciences. It is our view that replications of base-line studies of the variety proposed here not only enrich the context wherein a system of social accounts (social reports) is possible, but these endeavors also serve to consolidate, integrate, and advance our social science qua science. The latter functions ensue from the demands imposed by the goal of social accounting—demands for the standardization of measurement, for reference to clearly defined populations and subpopulations, and for the storage of archival data in accessible forms for the myriad purposes of secondary analysis—as well as from the sheer accumulation of knowledge so derived.

THE 1973 STUDY: DESIGN

Three major data collection operations are included in the design of the 1973 replication and extension of OCG (hereafter, OCG-II). The first is a national survey, carried out in conjunction with the March 1973 CPS, which will be comparable to the March 1962 CPS and OCG survey, except blacks and persons of Spanish origin or descent will be oversampled. The second phase of the field work is a statewide survey in Wisconsin, also carried out in the

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*While our text is cast in the past tense, certain statements of “fact” about the survey (e.g., the exact number of completed interviews) remain as educated guesses at the time we completed this draft, in late January. While details of design had become firm in late December after our pretest, the OCG field work had not begun nor were the March CPS and state of Wisconsin surveys underway.*
spring of 1973. The third phase comprises several efforts to ascertain response validity and reliability, which uses subsamples of both the national and statewide surveys. We shall describe these three phases of data collection in the order just listed.

The National Survey: Data Collection

In the national survey we aim to achieve a strict replication of the 1962 study within the limits of desirability and feasibility. We have sacrificed comparability grudgingly where the design could be improved, and the 1962 design is so defective that replication did not seem worthwhile (as in the measurement of first job); where we had evidence that failure to replicate exactly had no effects on comparability (see Duncan, 1968:715); and where the alternative was not to do the study at all. In some ways failure to replicate is inevitable. For example, given identical procedures, the upward intercohort trend in educational attainment would be expected to improve the reporting of both contemporaneous and retrospective items. Likewise, while the field work again was carried out by the U. S. Bureau of the Census, it will be impossible to replicate 1962 procedural and organizational conditions exactly (see Thompson, 1970; Shapiro and Thompson, 1972). With one important exception, the coding of occupation, we could not expect to exercise any control over procedures in the March CPS which have changed in the past eleven years.

One major change in the method of data collection in the national survey which has been dictated by changes in the CPS design was that items in the OCG-II supplement were ascertained by means of a mail-out, mail-back questionnaire in late August or early September of 1973, rather than by a leave-behind mail-back operation in March. While we should have preferred to retain the 1962 procedure, the Bureau of the Census assured us that a mail-out survey of experienced respondents with telephone and personal follow-up by CPS interviewers would yield data of coverage and quality comparable to that obtained in the 1962 survey. Our pretest experience substantiates this confidence.

In addition to the usual labor force information the March CPS household interview contains a supplement in which a variety of socioeconomic information is ascertained; e.g., educational attainment, work experience, and the several components of income. It is this supplementary information in the household record which makes the March CPS so attractive as a sample frame. Because of the pattern of rotation into and out of the CPS sample, according to which each selected housing unit is in the sample for the same four months during each of two consecutive years, there is a 75 percent overlap from month to month in the composition of the CPS sample. In principle the linkage of household records from month to month permits the construction of lengthy records without
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placing the burden of a lengthy interview on respondents. However, in order to produce a larger volume of linked records, the length of the March interview has been increased, and supplements to interviews in adjacent months have been eliminated. Thus, the Bureau of the Census is concerned about demands already placed on respondents by March interviews and is understandably reluctant to burden them with additional questionnaires at that time.

With the OCG field operation carried out in August and September, no respondent was contacted for the first time within two months of his rotation out of the CPS sample or within two months of his rotation back in. Thus, one advantage to the new design was a lessening of concern within the Bureau of the Census about the possible effects of the OCG questionnaire on returning members of the CPS sample. An attendant disadvantage to the revised design was that the bureau could not undertake a personal follow-up of movers between March and September who leave their March primary sampling unit of residence (usually a county or a large metropolitan area). We gauge this to be a relatively minor problem because telephone and mail follow-ups were made, and most movers remained in the same primary sampling unit.

The National Survey: Sample Design

Changes in the sample design for the 1973 OCG were dictated by changes in the CPS design over the past decade, to which we have already referred, and also by our interest in oversampling blacks and persons of Spanish origin or descent. Because the CPS sample has been expanded to include 45,000 household interviews, which yield an average of about one eligible respondent per household, we obtain about 37,500 completed supplements (if 1962 response rates to the supplement are maintained). The larger total sample will permit us to undertake detailed analyses which could not be contemplated even with a sample as large as that obtained in 1962. For example, we shall be able to use a more detailed occupational classification than the 17-category scheme used in 1962 for basic occupational mobility analyses. We will be able to talk with more confidence about cohorts defined by five-year age intervals, and we will be able to make some intercohort comparisons within population subgroups defined by region of origin, nativity, national origin, race, and other variables.

Of these possibilities the most important may be that of producing accurate estimates of parameters of the stratification process for cohorts within the black population. The interpretation of 1962 OCG data was frustrated at many points by the large sampling errors of estimates pertaining to the black population. We thought it especially important that accurate estimates for cohorts of blacks be obtained because of the possibility that the parameters of the stratification process for blacks may have changed within the past decade. While the expansion of the CPS sample increases the number of black
respondents from about 2,000 to 3,500, we thought that estimates of sufficient accuracy could be obtained only by increasing the sample of blacks to the point where we will have at least 1,500 respondents per ten-year age group, that is, by again doubling the size of the black sample. Our plan for supplementing blacks was to draw about 4,000 persons from the October 1972 CPS sample, from households where the head is Negro. In March of 1973, CPS interviewers visited about 5,000 such households as were identified in October to screen for eligible black males and to elicit personal (or telephone, where necessary) interviews, on the substance of the March CPS schedule and the OCG supplement.

Because of the widespread belief (supported by some presumptive evidence in the 1962 data, viz., Duncan and Duncan, 1968) that persons of Spanish origin face obstacles to social achievement which are similar to those faced by blacks, we increased the number of such persons in the sample up to about the number of blacks, 2,000, included in the 1962 sample. Households of Spanish origin were identified from the October 1972 CPS and added to the March 1973 CPS sample; these households were contacted for CPS labor force, income, and work experience information as part of the regular CPS survey in March. Along with the basic sample from the March CPS frame, eligible males of Spanish origin were mailed the OCG questionnaire in late August or September. We gained an additional 2,000 men of Spanish origin by this means.

The National Survey: Procedural Changes and Replication

An opportunity to measure the aggregate effect of procedural changes follows from the fact that most cohorts covered in the 1962 study also appear in the replication. By ascertaining occupation in March 1962 we will be able to replicate the findings as of 1962 for three of the ten-year cohorts covered in 1962, subject only to the effects of procedural change, cohort attrition and differential recall. As to errors of recall of occupations five or ten years in the past, we have obtained one measurement which suggests that such errors are not large in comparison with errors affecting contemporaneous reports of occupations. For employed men 19 years and older in 1968 who recalled having an occupation in July 1963, the correlation coefficient between recalled occupation and actual CPS report of occupation in 1963 was 0.80, when major occupation categories were scored using Duncan's (1961) index of socioeconomic status (calculated from Walsh and Buckholdt, 1970). This may be compared with a correlation of 0.86 reported by Siegel and Hodge (1968) for all males in a census-CPS match.

Our capacity to achieve replication will be enhanced by our access to the 1962 unit record tapes. We shall be able to improve comparability by changing tabulation specifications for the 1962 data, as well as by choosing those for the 1973 data. Our access to both sets of unit record tapes will also make it possible
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(233)

to use new coding and scaling systems, like the prestige scores for all occupations developed at NORC (Siegel, 1971).

Our effort to achieve comparability is inconveniences in one minor respect because the replication was carried out in 1973, rather than in 1972 as we had originally hoped. Because each cohort is ten years older ten years later, a 1972 replication would have permitted us to use the same age-breaks for purposes of intercohort, interperiod, age-constant comparisons as for intracohort interperiod comparisons. In order to make both kinds of comparisons with the 1973 replication, we will have to use two sets of age-breaks and extend the coverage of the survey by one year. For example, to compare the achievements of men aged 55-64 in the two periods, we need only to use the same age-breaks in both samples. However, men aged 45-54 in 1962 will be 56-65 in 1973, so to make true intracohort comparisons we have to shift the age-breaks and to include 65-year-olds in the eligible population.

Our twin goals of extension and replication of the substance of Blau and Duncan's bench-mark survey have lengthened the OCG questionnaire (described subsequently). The pretest draft comprised eight legal-sized pages, compared to the two pages of the 1962 OCG supplement. We share with the Bureau of the Census some concern about the effect of questionnaire length on response rates and quality. Consequently, the pretest was designed to test two forms of the questionnaire—the long form, which we designed, and the original 1962 instrument. The pretest, conducted in Chicago, Houston, and San Antonio in the fall of 1972, provided limited comparisons of the two instruments with regard to effects of length, layout formats, and deliberate changes in selected items which had been regarded as defective in the 1962 (short) form. These issues of departure from strict replication are reported below in the section, “Questionnaire Design.”

As noted in a previous section, the supplement items on father's occupation and son's first job after leaving school were edited in the field in 1962. Questionnaires where either of those items were left blank or did not permit coding at the level of major occupation groups were rejected and assigned to interviewers for follow-up during April. Exact replication of these procedures should present no difficulty.

Another procedural source of noncomparability is change in methods for allocating values for missing data on March CPS items. The Bureau of the Census uses a "hot deck" technique to allocate responses for items with missing data (Levine, 1967). This procedure involves the creation of a matrix whose cells represent subpopulations likely to differ in respect to the item for which values are to be allocated. After a "cold start," in which average values are entered in the matrix and substituted for missing data for persons in the cell, an observed value for the first person in a cell with data present is recorded, and that value is substituted for missing data for persons in the same cell until another record
Social Indicator Models

with a response is processed, at which point the new value becomes the proxy for missing data. The procedure has some tendency to distort analytical results, because variables assigned by the method are related to other measured variables only through their mutual relations with variables used to construct the matrix. While this procedure will be followed in 1973 as it was in 1962, the variables entering the matrixes have changed, with effects on the data which are presently unknown to us. One bright element in this picture is that the 1973 tape will have allocated items "flagged," so we shall be able to assess some of the effects of allocation on our findings.

Changes in concepts or questions relating to March CPS items which will be used extensively in OCG-II analyses present an especially difficult problem. For example, the wording of the income questions has been changed significantly, and work experience in the preceding year, which is used in the allocation of income nonresponses, now is ascertained in March, rather than in February. We can think of no remedy for differences in the measurement of income between the two surveys beyond reliance on professional opinion as to the extent and character of those differences.

In the case of occupation, which we view as the most important concept in our research design, the problem of establishing comparability is superficially greater than in the case of income, but we think we have achieved a satisfactory resolution of it. In the period since 1962 there have been a couple of major changes in the series of questions used to ascertain occupation, industry, and class of worker. For example, the category "government" under class of worker has been split into local, state, and federal categories. More importantly, persons reporting self-employment are asked whether their own business is incorporated, and, if so, they are reclassified as private wage and salary workers. One major change in the series is the addition of the question, "What were . . . 's most important activities or duties?" Responses to this question are reported to have a large effect on the classification of self-employed craftsmen, who are frequently misclassified as managers but will not be classified in the appropriate craft category unless their major activity actually is management. In addition to these changes occupations are now being coded in the 1970 census classification, which represents a substantial departure from that used in 1960, and in the March 1962 CPS (Greene et al., 1969; Bregger, 1971).

After considering a variety of alternatives we decided to have each occupation item presented in its up-to-date form and coded twice: once to 1970 specifications by the regular CPS coders; a second time to 1960 specifications, ignoring the item on major duties and activities, by a staff of coders specially trained to use 1960 census materials. By this device we achieve replication of procedures employed in the base-line study, insure consistency in the classification of occupations between those ascertained in the March 1973 CPS and those in the OCG-II supplement, and ease replication of current (1970) measurement procedures in the next OCG survey.
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The Wisconsin Survey

The state of Wisconsin survey was fielded in March–April 1973 through the University of Wisconsin Survey Research Laboratory. We conducted telephone interviews of about 40 minutes’ duration with 1,200 whites in the age range 20–65, and personal interviews of about an hour’s length with 800 black males in the same age range. Because of the nearly complete concentration of the state’s small black population in Milwaukee, virtually all of the black respondents were drawn from that area. White respondents were sampled in accordance with a stratified random sampling of telephone numbers from throughout the state. One function of the state survey was to update and improve a time series on socioeconomic achievement in Wisconsin which began in 1961 and to make possible state-national comparisons (say) of labor force participation and returns to education. To accomplish this end, the state questionnaire contained all relevant items from the March 1973 CPS interview, in addition to items constituting the national OCG supplement. In this survey we could ascertain religious affiliation, index social participation, and measure attitudes which were either practically or politically infeasible in the context of the national study design. Finally, the statewide survey provided excellent opportunities for the assessment of data quality, especially the quality of proxy reports of parental statuses, as discussed subsequently.

In its own way the state of Wisconsin survey is a bench-mark study, owing to its concurrence with and its replication of our national survey. These data are a “splice” between the national time series and what could become a statewide one. The items unique to the state questionnaire were chosen to enrich our understanding of nonstatus or nonsocioeconomic consequences of social mobility. We included consequences such as mobility ideology, work ethic, alienation, voting and social involvements, and psychological well-being; clearly some of these “consequences” may be “causes” of mobility. Our purpose, in any event, is to integrate two types of analytic indicators: (1) those which describe the process of stratification in structural terms (e.g., Figure 9.1) and which can be normed against national parameter estimates for the same models, and (2) those indicator models which portray social and psychological processes. Such an integration of models enriches our knowledge of how opportunities for social mobility are related to both social and psychological integration.

Measurement of Response Error

One of the criticisms made of the 1962 OCG was that estimates of the rigidity of the stratification system were biased downward by virtue of random measurement error, particularly in respect to parental characteristics (Bowles, 1972). While we are not inclined to agree with Bowles’ estimates of the extent of the problem, we think that it will be useful to assemble a variety of data on the
extent and character of measurement error and to make use of it in the course of our analyses.

One incidental check on reliability will be provided by the ascertainment of educational attainment in the OCG supplement (as part of the series to ascertain first job after leaving school) as well as in the March CPS. More important, we shall obtain a work tape from the regular CPS reinterview program following the March CPS, and the Bureau of the Census will reinterview samples of 500 whites and 500 blacks on selected CPS and OCG items following completion of the field work for the supplementary survey. Approximately a dozen variables will be included in the reinterview schedule.

In connection with the Wisconsin survey we validate son's reports of parents' statuses using a match to decennial census records. A similar exercise was carried out in 1962 using data from the Chicago pretest (Blau and Duncan, 1967:Appendix D), but the validity estimate obtained there for father's occupation was clearly a lower bound because of the time lead or lag between the son's sixteenth birthday (the temporal referent of father's occupation) and the nearest census data. We asked respondents to report the name, address, and occupation of their fathers (or heads of family) as of the census date nearest their sixteenth birthday, and we validate those reports against the census records. Matches are effected by census personnel in order to preserve confidentiality, and for the same reason identifying information will be removed from our tape before it is returned to us for analysis. The census match may be used to validate education and income as well as occupation. Finally, for younger cohorts in the Wisconsin sample it is possible to validate reports of parental occupation and income against state income tax records, which are accessible for legitimate research purposes.

QUESTIONNAIRE DESIGN

In its original draft, our pretest questionnaire was more than four times the length of the less than two-page form used in 1962. Greater length followed naturally from two factors: first, our desire to ascertain more details on family of origin (e.g., mother's education, family income, education in the sibship), education (e.g., name of last school attended, major field of study, interruptions in schooling), and other career contingencies (e.g., active service in military); second, our inability (for logistical reasons cited previously) to administer the OCG supplement until some five or six months after the March CPS survey. The latter delay recommended our inclusion of some items which were redundant, given the CPS interview, but which we employed to filter respondents properly through the OCG questionnaire [e.g., current (March) school enrollment and years of school completed (in March) vis-à-vis first full-time civilian job after regular schooling]. Greater length in the questionnaire, especially a mail-out and return instrument, represented a potential compromise of comparability. To
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assay effects of this procedural change, we compared the pretest performances of the long (OCG-II) and short (OCG-I) forms described in a previous section.

We learned several things from the pretest. First, analysis response rates to the long and short forms indicated a 9 percent difference—82 percent short and 73 percent long. Virtually all of this difference was attributable to refusals—5.7 percent short and 12.9 percent long—and the overall difference in rates remained constant over the course of follow-up phases. Consequently we eliminated some dozen items from the pretest draft and shortened the final questionnaire to just under eight pages of regular-sized (contrasted to legal-sized) paper.

Second, there were some few instances of "forms effects" between the long and short versions. For example, one item which appeared on both forms elicited whether or not the respondent was living with both parents most of the time up to age 16. The only difference between the items was in the manner of display on the printed pages. For whatever reason, more (statistically significant) respondents reported living in intact families to the long form (90 percent) than to the short form (84 percent), and the latter more closely corresponded to the estimate of this characteristic for March 1962. With some other variables which appeared on both forms (e.g., father's education), we found no significant forms effects. In any case, we were unable to secure a restoration of questionnaire format according to the 1962 layout.

Third, we observed a low incidence of certain events and characteristics and an impressive high stability and certainty in the reports of selected background characteristics; these observations assisted us in identifying items to delete. While we would have liked to ascertain the effects of nonregular schooling (e.g., business, technical, vocational, on-the-job formal training) on socioeconomic achievements, we were unable to justify the inclusion of these items on the basis of the relatively few respondents who had such training (fewer than 25 percent of all men on any single item). On the other hand, a question eliciting parental income at the time respondents were about 16 years of age yielded substantial variance and a credible distribution over 14 dollar intervals. Further, there was only a single refusal, and the other unclassifiable responses were just over 11 percent of total responses, a rate which is comparable to those on other retrospective survey items. Another datum encouraged us to keep this item, and this information came from the 36 reinterviews taken about two months after the completion of the pretest. Of 34 respondents answering the parental income item, 28 reported exactly the same response in the mail survey and in the reinterview. Instances of "inconsistency" were reconciled in the context of reinterviews. One of the "inconsistent" respondents returned to his original report, three reconciled to categories adjacent to the original report, and two differed by two categories. When asked how certain the respondent was when he recorded his original report, 21 were "very certain," 4 were "mostly certain," and 9 were "mostly uncertain."

Our final questionnaire draft was eight pages of standard-sized paper. In
order to overcome the remaining handicap of length, relative to our ability to achieve a response rate of about 83 percent, we reorganized follow-up procedures and statements of introduction of the study both to interviewers and to respondents. Following the pretest, our optimism about the final response rate to a visually more compact eight-page booklet was not too shaken. A 1964 CPS-NORC study of young male veterans and nonveterans (Klassen, 1966) replicated several OCG supplement items and used similar data-collection procedures. With an eight-page questionnaire this survey achieved a response rate of 82.2 percent—essentially the same as that in the 1962 OCG—and correlations among original and achieved statuses in the 1964 sample were virtually identical to those in the relevant cohort in the 1962 study (Duncan, 1968:715). Still, we shortened to one week the interval between the initial OCG-II mailing and the first follow-up, a reminder postcard. After a second week, another questionnaire was mailed, followed a week later by an attempted telephone interview or personal interview for those without phones. Four weeks after initial mailing, not contacted respondents were visited by a CPS interviewer. In cases where the respondent had moved to another PSU, materials were forwarded to an updated address or a telephone interview was attempted. Finally, the cover letters which introduced the study and the interviewer training manuals for the supplement were redesigned so as to state more clearly the objectives and values of the project and to differentiate it from regular CPS monthly labor surveys. The latter seemed important to the cooperation of sample cases which had just completed the rigors of the 4:8:4 CPS rotation. In short, the departure of our final draft from the length of the 1962 questionnaire was problematic, and we strove to overcome the potential negative effects of greater length on comparability.

The OCG-II questionnaire replicates all but three of the 1962 items. Auspices of schooling (e.g., public or private) demonstrated no significant effects in the analysis of the 1962 data and was deleted. (The reader is directed to tabulations of this schooling variable: see U.S. Bureau of the Census, 1964; and Duncan, 1965). The 1962 item on first full-time civilian job held after the respondent "left school" proved defective, inasmuch as a tabulation of age at first job by years of school completed identified a substantial minority of reports which could not have been first jobs but probably were jobs held prior to completing the highest grade of regular school (see Duncan et al., 1972:Chap. 8). While retaining the concept of first job in the replicate study, we expanded the series of questions on education and the timing (dates) of schooling so as to eliminate respondents who would not appropriately be asked the first-job question (e.g., those currently enrolled in school) and to assist in the reconstruction of events surrounding the transition from school to work. Additionally, we rephrased the defective first-job item in consonance with greater clarity. Finally, we modified the concept of "older brother's education"
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“oldest brother’s and youngest brother’s educations” so as to increase the numbers of sibships for which we could calculate within-family variance in achievement.

New items on the OCG-II questionnaire were drawn usually from a pool of extant items which had appeared in census questionnaires or in the context of large-scale sample surveys. Our intent was to employ items as instruments of our purpose only if we were aware of their performances in similar populations. In the absence of useful replicates, we designed our own items. Table 9.2 lists the items appearing on the March 1973 CPS (using the most current information available at this writing) in comparison to the March 1962 CPS instrument; similar item comparisons describe the coextensiveness of the OCG supplements. (Copies of the OCG-II questionnaire and descriptions of the sources from which items were drawn are available upon request.)

Finally, it is necessary to emphasize the important way in which the information on occupation obtained in the OCG replication precludes comparability, short of special efforts to avert this outcome. All occupation items on the OCG-II questionnaire (e.g., occupation, industry, and class of worker) are consistent with the current (1973) practices of the Bureau of the Census. While the phrasings of items are substantially identical to corresponding items from the 1962 study, the new regime collects additional, clarifying details (e.g., “What are your most important activities and duties?”) and classifies on the basis of expanded information into categories which cannot be reconciled to 1960 (1962) classifications. (The reader can find partial documentation of these technical and procedural changes in Greene et al., 1969; Bregger, 1971; and Shapiro and Thompson, 1972.) Therefore, the 1962 study and the 1973 replicate would ordinarily not be comparable with respect to reports of occupation and industry, despite the apparent similarities of corresponding questionnaire items. This difficulty is remedied by our strategy of employing two sets of coders, each trained in different classification systems. When classifying into the 1960 scheme, coders will be instructed to disregard (to physically cover over) all items of clarifying information which would not have appeared as part of the 1962 reports. In large measure, the success of our efforts to replicate hinges on our ability to reproduce the 1960 (1962) treatment of occupation reports.

ANALYSIS PROSPECTUS

Anyone familiar with the Blau and Duncan bench-mark study can anticipate our major plan for analysis. Our first efforts will summarize the new cross-section as a series of descriptive and analytic indicators. We shall reestimate all the models for the process of stratification which appeared in The American Occupational Structure, and the inter- and intrageneration mobility matrices by
Table 9.2. Variables in the March Current Population Survey* and the OCG Supplement by Question Numbers

<table>
<thead>
<tr>
<th>Source</th>
<th>Item</th>
<th>March 1962</th>
<th>Replication 1973</th>
</tr>
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<tbody>
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<td>CPS</td>
<td>Identification, geographic location, housing unit, type of interview and noninterview data</td>
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<td>Q.1-17</td>
</tr>
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<td></td>
<td>Persons 0-12 years old</td>
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</tr>
<tr>
<td></td>
<td>Age (by month in 1962, year in 1972)</td>
<td>29-29a</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>Race (white, Negro, other)</td>
<td>31</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>Sex</td>
<td>32</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Relation to head</td>
<td>28</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>Civilian household members aged 14 and older</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Labor force status, unemployment</td>
<td>19, 20, 22, 24-25a</td>
<td>19, 20, 21-22</td>
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<tr>
<td></td>
<td>Hours worked</td>
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<td>20A, 20F</td>
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<td></td>
<td>Reason for part-time work</td>
<td>21A - 21C</td>
<td>20C</td>
</tr>
<tr>
<td></td>
<td>Employer</td>
<td>26A</td>
<td>23A</td>
</tr>
<tr>
<td></td>
<td>Industry</td>
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<td>23B</td>
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<tr>
<td></td>
<td>Occupation</td>
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<td>Class of worker</td>
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<td>Duration of unemployment</td>
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</tr>
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<td>Race</td>
<td>31</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>Sex</td>
<td>32</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Veteran status (males, WW II in 1962; all, in 1972)</td>
<td>32</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Education attended, completed</td>
<td>33, 34</td>
<td>31, 32</td>
</tr>
<tr>
<td></td>
<td>Married more than once</td>
<td>35</td>
<td></td>
</tr>
</tbody>
</table>
Table 9.2 Variables in the March Current Population Survey* and the OCG Supplement by Question Numbers (cont.)

<table>
<thead>
<tr>
<th>Source</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of first marriage</td>
<td>March 1962</td>
</tr>
<tr>
<td>Live births (married women only)</td>
<td>36</td>
</tr>
<tr>
<td>Income</td>
<td></td>
</tr>
<tr>
<td>Wage and salary</td>
<td>38</td>
</tr>
<tr>
<td>Self-employment</td>
<td>39</td>
</tr>
<tr>
<td>Farm</td>
<td>40</td>
</tr>
<tr>
<td>Nonearned income</td>
<td>41</td>
</tr>
<tr>
<td>Social Security, veterans' payments, private pensions</td>
<td>41a</td>
</tr>
<tr>
<td>Dividends, interest, annuity</td>
<td>41b</td>
</tr>
<tr>
<td>Rental</td>
<td>41c</td>
</tr>
<tr>
<td>Other</td>
<td>41d</td>
</tr>
<tr>
<td>Social Security, railroad retirement</td>
<td>-</td>
</tr>
<tr>
<td>Estates, trusts, dividends, interest on savings bonds, net rental income</td>
<td>-</td>
</tr>
<tr>
<td>Welfare payments or other public assistance</td>
<td>-</td>
</tr>
<tr>
<td>Unemployment compensation, workmen's compensation, government employee pensions, veterans' payments</td>
<td>-</td>
</tr>
<tr>
<td>Private pensions and annuities, alimony, regular contributions from persons not in same household, other</td>
<td>-</td>
</tr>
<tr>
<td>Weeks worked in previous year</td>
<td>-</td>
</tr>
<tr>
<td>Nonwork activity</td>
<td>-</td>
</tr>
<tr>
<td>Longest job in previous year</td>
<td>-</td>
</tr>
<tr>
<td>Origin or descent</td>
<td>-</td>
</tr>
<tr>
<td>Source</td>
<td>Item</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>OCG</td>
<td>Birthplace</td>
</tr>
<tr>
<td></td>
<td>Respondent</td>
</tr>
<tr>
<td></td>
<td>Father</td>
</tr>
<tr>
<td></td>
<td>Mother</td>
</tr>
<tr>
<td></td>
<td>Number of sisters</td>
</tr>
<tr>
<td></td>
<td>Older sisters</td>
</tr>
<tr>
<td></td>
<td>Number of brothers</td>
</tr>
<tr>
<td></td>
<td>Older brothers</td>
</tr>
<tr>
<td></td>
<td>Older brothers live at age 25</td>
</tr>
<tr>
<td></td>
<td>(Any brothers live to age 25)</td>
</tr>
<tr>
<td></td>
<td>Educational attainment, oldest brother</td>
</tr>
<tr>
<td></td>
<td>Size of place of origin, age 16</td>
</tr>
<tr>
<td></td>
<td>Auspices of schools (parochial, private, public)</td>
</tr>
<tr>
<td></td>
<td>Age at first job</td>
</tr>
<tr>
<td></td>
<td>First full-time civilian job</td>
</tr>
<tr>
<td></td>
<td>Living with both parents</td>
</tr>
<tr>
<td></td>
<td>Other head of household</td>
</tr>
<tr>
<td></td>
<td>Father's occupation, son's age 16</td>
</tr>
<tr>
<td></td>
<td>Father's educational attainment</td>
</tr>
<tr>
<td></td>
<td>Marital status</td>
</tr>
<tr>
<td></td>
<td>Wife's sibs</td>
</tr>
<tr>
<td></td>
<td>Wife's father's occupation</td>
</tr>
<tr>
<td></td>
<td>Original nationality, father's side</td>
</tr>
<tr>
<td></td>
<td>Educational attainment, youngest brother</td>
</tr>
<tr>
<td></td>
<td>Family annual income, age 16</td>
</tr>
<tr>
<td></td>
<td>Year of father's birth</td>
</tr>
<tr>
<td>Source</td>
<td>Item</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>-------------------------------------------</td>
</tr>
<tr>
<td>Father(head) usually work, R's age 16</td>
<td>-</td>
</tr>
<tr>
<td>Mother's educational attainment</td>
<td>-</td>
</tr>
<tr>
<td>School enrollment status, March</td>
<td>-</td>
</tr>
<tr>
<td>Education completed, March</td>
<td>-</td>
</tr>
<tr>
<td>Name and address of college last attended</td>
<td>-</td>
</tr>
<tr>
<td>Field of specialization</td>
<td>-</td>
</tr>
<tr>
<td>Month and year when completed highest grade</td>
<td>-</td>
</tr>
<tr>
<td>Never worked; no civilian full-time job</td>
<td>-</td>
</tr>
<tr>
<td>Discontinue school for six months</td>
<td>-</td>
</tr>
<tr>
<td>Highest grade at first school interruption</td>
<td>-</td>
</tr>
<tr>
<td>Month and year first school interruption</td>
<td>-</td>
</tr>
<tr>
<td>Ever serve in active military service</td>
<td>-</td>
</tr>
<tr>
<td>Highest grade completed before first entered military service</td>
<td>-</td>
</tr>
<tr>
<td>Date first entered military</td>
<td>-</td>
</tr>
<tr>
<td>Date last military separation</td>
<td>-</td>
</tr>
<tr>
<td>Occupation, March 1962</td>
<td>-</td>
</tr>
<tr>
<td>Labor union membership</td>
<td>-</td>
</tr>
<tr>
<td>Ever married</td>
<td>-</td>
</tr>
<tr>
<td>Date first married</td>
<td>-</td>
</tr>
<tr>
<td>Current marriage in first marriage</td>
<td>-</td>
</tr>
<tr>
<td>Wife born with both parents, age 16</td>
<td>-</td>
</tr>
<tr>
<td>Other head of wife's household</td>
<td>-</td>
</tr>
<tr>
<td>Wife's father(head) usually work</td>
<td>-</td>
</tr>
</tbody>
</table>
Table 9.2 Variables in the March Current Population Survey* and the OCG Supplement by Question Numbers (cont.)

<table>
<thead>
<tr>
<th>Source</th>
<th>Item</th>
<th>March 1962</th>
<th>Replication 1973</th>
</tr>
</thead>
<tbody>
<tr>
<td>wife's age 16</td>
<td>-</td>
<td>32D</td>
<td></td>
</tr>
<tr>
<td>Wife's father's education</td>
<td>-</td>
<td>33D</td>
<td></td>
</tr>
<tr>
<td>Wife's mother's education</td>
<td>-</td>
<td>34D</td>
<td></td>
</tr>
</tbody>
</table>

Note: Dash indicates that item does not appear.
*Content of the March 1972 CPS was used as a guide for anticipating that of March 1973, unless we were aware of a Bureau of Census decision to exclude an item from the 1973 schedule (e.g., one-year migration). Question numbers refer to those on the 1972 schedule.
AReplicate OCG-I item on OCG-II questionnaire.
H Parallel item to OCG I, but modified in wording of question.
C New item on OCG-II, borrowed verbatim from another survey or census, or whose format has been borrowed and focused for our purpose
D New item on OCG-II, constructed by principal investigators.
Design for a Replicate Study of Social Mobility in the United States

cohort and color will be scrutinized to describe the patterns of supply and recruitment as of 1973.

Naturally, our second major thrust will be into the data on trends—or changes in mobility regimes (e.g., inter- and intrageneration outflow matrices) and parameters of the process of stratification (e.g., coefficients in models such as Figure 9.1 of this chapter). We are most eager to analyze these data, inasmuch as we have detected trends in mobility matrices for men in the experienced civilian labor force in the period 1940–1970 (Hauser and Featherman, 1973) and for blacks and whites in the period 1962–1972 (Hauser and Featherman, 1972). To cite only the most dominant trend, there has been a shift away from self-employment in professional occupations and as proprietors. Concurrently, employment in salaried professional, managerial, and administrative occupations has increased. The greatest bulk of these changes in intergeneration mobility has been effected in the transition probabilities linking first full-time jobs to current jobs, and not in (a) the outflow matrices joining social origins (father’s occupation) with son’s first full-time job, or (b) the composition of social origins, as given by the vector of sons by father’s occupations.

While we have confidence in these trend estimates, we know only the most gross details. Our method of estimation employed the 1962 OCG mobility matrices and origin vectors for selected age cohorts. Applying the outflow matrix of men aged 35–44 in 1962 to the origin vector of men aged 25–34 in 1962 generated an expected destination vector for the younger men in 1972, when they were age 35–44. By comparing this expected vector with an observed occupation distribution of men aged 35–44, as published by the Bureau of Labor Statistics from the March 1972 CPS, we estimated change in the outflow matrix. On the assumption of no change in outflow or transition matrices, there would be no difference between observed and expected distributions. Since we could not observe the 1972 matrices directly, we ascertained change indirectly by this technique. When we can analyze the cells of our March 1973 mobility matrices, we shall know more about trends, as for example, if the exit from self-employment is linked to entrance into the salaried class of worker, by men leaving proprietorships to become salaried managers and executives.

Our third analysis phase refocuses on the 1973 cross-section, elaborating the models of phase one by including new measurements and estimating new models which incorporate assumptions about errors in variables. An important aspect of this phase is our effort to establish both base-line and trend estimates for married women for a basic model of the process of stratification (see Figure 9.1). The Bureau of the Census will supply us with a unit-record tape for 1962 which merges all information elicited by the March CPS for males eligible for the OCG supplement (including all information on employment, income, labor force experience, and education for spouses living with these men) with the data derived from the OCG supplement itself. For married women living with spouses
Social Indicator Models

Aged 20–64 in the civilian noninstitutional population in March 1962, we can calculate basic regression models linking social statuses of parents to a woman's education, occupation, and earnings. The same (and slightly more elaborate) models of achievement can be calculated for the population defined above but from the 1973 cross-section. In addition to trend analyses, we anticipate examining the means by which the attainments of women depend upon the careers of their husbands, and vice versa, although this is a topic of our investigation in other and more detailed data files. Perforce, the OCG analyses of stratification for females will be limited; they do promise to be important analytic indicators, however, and critical first steps in a long-needed time series.

SUMMARY

Replication of the bench-mark survey, "Occupational Changes in a Generation," will make possible the measurement of trends in numerous indicators of social stratification. This chapter has outlined the design of a replication and extension and discussed aspects of study design, questionnaire construction, field operations, and data processing which bear on the problem of comparability.

In the initial survey, carried out in conjunction with the March 1962 Current Population Survey, interviewers left behind a two-page supplementary questionnaire to be mailed in by males aged 20–64 in the civilian noninstitutional population of the United States. The supplement asked about socio-economic and structural characteristics of the respondent's family of orientation and that of his wife; nativity and size of place of origin; and first job and age at first job. Returns were obtained from 20,700 respondents, 83 percent of those eligible, and responses on the supplement were linked with selected items in the March CPS record. Analyses of the 1962 data have yielded measurements of occupational recruitment and supply; the causal nexus linking family background, educational attainment, and occupational achievement; and the sources of color and ethnic differentials in education, occupation, and earnings. Numerous trend measurements were obtained within the cross-section survey by means of intercohort comparisons.

The 1973 survey also is linked to the March CPS, but changes in the respondent workload precluded use of a leave-behind instrument: a mail-out, mail-back questionnaire was sent out in August of 1973. Because the CPS sample has increased, the total number of respondents has more than doubled, and Negroes and persons of Spanish origin are oversampled by about a factor of two. A separate but parallel survey of men in the state of Wisconsin measures additional variables, including some which are thought to be politically sensitive by the Bureau of the Census.

The selection and construction of supplement items has required hard
Design for a Replicate Study of Social Mobility in the United States

choices. Changes in CPS procedures have made verbatim replication problematic. Multitudes of potential new items were evaluated in terms of relevance to social theory and policy, validity, and feasibility of measurement and effect on the quality of replicated items and on overall response rates.

Numerous checks on the quality of data were built in the study design. These include reinterviews on selected March CPS and supplement items and record checks to be carried out in connection with the Wisconsin survey.

Conditional on the achievement of a true replication, the new OCG survey presents rich possibilities for measuring trends in stratification and for improving the quality of indicators of stratification. Whether we shall attain strict replication hangs heavily upon our ability to implement successfully the proposed design and to educate ourselves about the technical and procedural changes instituted by the Bureau of the Census which, at least in some measure, will affect comparability of our study and the 1962 benchmark.

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Warren, Bruce L.

APPENDIX

B

Population Coverage, Weighting, and Sampling Variability in the 1962 and 1973 OCG Surveys

Population Coverage

The 1962 OCG survey represented "the approximately 45 million men 20–64 years old in the civilian noninstitutional population of the United States in March 1962 (including as "civilians" some 900,000 members of the Armed Forces living with families on military posts in the United States or off posts in civilian quarters)" (Blau and Duncan, 1967:13). Some details of population coverage are given in Table B.1, which is reproduced with slight modification from Table C.1 in Blau and Duncan (p. 452). Coverage of U.S. men (Column 8, Table B.1) varied from 85.4% of 20–24-year-olds to 98.2% of 25–54-year-olds and was 95.6% overall (at ages 20–64). The 44,984,000 men covered by the 1962 OCG survey included 929,000 men in the Armed Forces who comprised 40.4% of all men in the Armed Forces in the covered age range of 1962. Coverage of men in the Armed Forces was 21.3% at ages 20–24, 46.9% at ages 25–34, and 53.5% at ages 35–44.

Table B.2 gives coverage estimates for the March 1973 survey which were obtained by approximately the same means as those of Table B.1. Table B.3 gives the population estimates from which the entries in Columns 1, 2, and 3

B. Population Coverage, Weighting, and Sampling Variability

TABLE B.2

Population Estimates for the United States, Relating to Coverage of 1973 OCG-CPS Data for Men Aged 20-64 by Age (Frequencies in 1000s)

<table>
<thead>
<tr>
<th>Age</th>
<th>Civilian resident population of U.S.</th>
<th>Armed Forces</th>
<th>Inmates of institutions</th>
<th>Armed Forces in CPS</th>
<th>Civilian noninstitutional population</th>
<th>Coverage as in 1962</th>
<th>Coverage as in 1973</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>U.S.</td>
<td>Abroad</td>
<td>U.S.</td>
<td>Institutions</td>
<td>in CPS</td>
<td></td>
<td>OCG</td>
</tr>
<tr>
<td>20-24</td>
<td>8,288</td>
<td>245</td>
<td>675</td>
<td>120</td>
<td>286</td>
<td>8,221</td>
<td>91.9</td>
</tr>
<tr>
<td>25-34</td>
<td>13,850</td>
<td>149</td>
<td>460</td>
<td>167</td>
<td>398</td>
<td>13,239</td>
<td>97.3</td>
</tr>
<tr>
<td>35-44</td>
<td>10,212</td>
<td>70</td>
<td>241</td>
<td>116</td>
<td>239</td>
<td>10,681</td>
<td>98.3</td>
</tr>
<tr>
<td>45-54</td>
<td>11,451</td>
<td>8</td>
<td>34</td>
<td>121</td>
<td>32</td>
<td>11,214</td>
<td>98.8</td>
</tr>
<tr>
<td>55-64</td>
<td>9,098</td>
<td>1</td>
<td>1</td>
<td>117</td>
<td>--</td>
<td>9,923</td>
<td>98.7</td>
</tr>
<tr>
<td>Total</td>
<td>53,259</td>
<td>473</td>
<td>1,411</td>
<td>641</td>
<td>956</td>
<td>52,270</td>
<td>97.1</td>
</tr>
</tbody>
</table>


of Table B.2 were obtained. That is, the difference between the male resident population (Column 2) and the male civilian population (Column 3) of the United States is the number of men in the Armed Forces in the United States. The difference between the total male population (Column 1) and the resident male population (Column 2) of the United States is the number of men in the Armed Forces stationed abroad.

Table B.4 gives the population estimates on which Columns 5 and 6 of Table B.2 are based. The male civilian noninstitutional population (Column 3) is taken to be the sum of the male noninstitutional population in the civilian labor force (Column 1) and not in the labor force (Column 2), and the difference between the male population covered in the Current Population Survey (CPS) (Column 4) and the male civilian noninstitutional population (Column 3) is taken to be the number of men in the Armed Forces in the United States covered by the March 1973 CPS (Column 5).

Unlike the March 1962 OCG survey, the March 1973 survey did not cover men on active duty in the Armed Forces. It is instructive to compare the actual coverage of males in the 1962 and 1973 OCG surveys, and the changes of coverage in each survey attributable to the inclusion and exclusion of men in the Armed Forces. The last columns of Tables B.1 and B.2 give estimates of the population covered under the 1962 definition (including Armed Forces covered in the CPS) and under the 1973 definition (excluding all members of the Armed Forces), respectively. The total number of men in the Armed Forces declined significantly between 1962 and 1973, from 2,299,000, of whom 929,000 were covered in CPS, to 1,884,000, of whom 956,000 were covered.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>20-24</td>
<td>4,955</td>
<td>280</td>
<td>710</td>
<td>81</td>
<td>4,804</td>
<td>5,015</td>
<td>85.4</td>
<td>81.8</td>
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</tr>
<tr>
<td>25-34</td>
<td>10,326</td>
<td>213</td>
<td>579</td>
<td>148</td>
<td>435</td>
<td>10,179</td>
<td>10,614</td>
<td>95.5</td>
<td>91.5</td>
</tr>
<tr>
<td>35-44</td>
<td>11,590</td>
<td>111</td>
<td>311</td>
<td>155</td>
<td>225</td>
<td>11,304</td>
<td>11,609</td>
<td>97.1</td>
<td>95.2</td>
</tr>
<tr>
<td>45-54</td>
<td>10,311</td>
<td>21</td>
<td>69</td>
<td>155</td>
<td>54</td>
<td>10,108</td>
<td>10,162</td>
<td>98.2</td>
<td>97.6</td>
</tr>
<tr>
<td>55-64</td>
<td>7,770</td>
<td>--</td>
<td>5</td>
<td>146</td>
<td>4</td>
<td>7,580</td>
<td>7,584</td>
<td>98.1</td>
<td>98.0</td>
</tr>
<tr>
<td>Total</td>
<td>44,952</td>
<td>625</td>
<td>1,674</td>
<td>685</td>
<td>929</td>
<td>44,055</td>
<td>44,984</td>
<td>95.6</td>
<td>93.7</td>
</tr>
</tbody>
</table>


Includes only those living off post or with families on post.

Col. (7) divided by sum of cols. (2), (3), (4), (6). This calculation assumes no change in size or age distribution of the Armed Forces between March and July of 1962. According to Current Population Reports, P-25, No. 253, August 16, 1962, the total strength of the Armed Forces was 2,885,000 on March 1, 1962, and 2,855,000 on July 1, 1962, representing a decrease of about 1 percent. Note that males aged 20-64 comprised about 80 percent of the total personnel of the Armed Forces in March.

Col. (6) divided by sum of cols. (2), (3), (4), (6).

Col. (7) divided by sum of cols. (2), (3), (4), (6).

From Blau and Duncan, 1967:452.
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B. Population Coverage, Weighting, and Sampling Variability

TABLE B.3

Estimated Populations of U.S. Men, July 1, 1973 by Age

<table>
<thead>
<tr>
<th>Age</th>
<th>Total population (including Armed Forces overseas)</th>
<th>Resident population (2)</th>
<th>Civilian population (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-24</td>
<td>9,208</td>
<td>8,963</td>
<td>8,288</td>
</tr>
<tr>
<td>25-34</td>
<td>14,189</td>
<td>14,040</td>
<td>13,580</td>
</tr>
<tr>
<td>35-44</td>
<td>11,153</td>
<td>11,083</td>
<td>10,842</td>
</tr>
<tr>
<td>45-54</td>
<td>11,493</td>
<td>11,485</td>
<td>11,451</td>
</tr>
<tr>
<td>55-64</td>
<td>9,100</td>
<td>9,099</td>
<td>9,098</td>
</tr>
<tr>
<td>Total, 20-64</td>
<td>55,143</td>
<td>54,670</td>
<td>53,259</td>
</tr>
</tbody>
</table>


TABLE B.4

Estimated Noninstitutional Populations of U.S. Men in March 1973 by Age

<table>
<thead>
<tr>
<th>Age</th>
<th>Civilian labor force (1)</th>
<th>Not in labor force (2)</th>
<th>Civilian noninstitutional population (3)</th>
<th>CPS population (4)</th>
<th>Armed Forces in CPS (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-24</td>
<td>6,840</td>
<td>1,381</td>
<td>8,221</td>
<td>8,507</td>
<td>286</td>
</tr>
<tr>
<td>25-34</td>
<td>12,609</td>
<td>630</td>
<td>13,239</td>
<td>13,638</td>
<td>399</td>
</tr>
<tr>
<td>35-44</td>
<td>10,285</td>
<td>396</td>
<td>10,681</td>
<td>10,920</td>
<td>239</td>
</tr>
<tr>
<td>45-54</td>
<td>10,456</td>
<td>758</td>
<td>11,214</td>
<td>11,246</td>
<td>32</td>
</tr>
<tr>
<td>55-64</td>
<td>7,069</td>
<td>1,854</td>
<td>8,923</td>
<td>8,923</td>
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<td>Total, 20-64</td>
<td>47,259</td>
<td>5,019</td>
<td>52,278</td>
<td>53,234</td>
<td>956</td>
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</table>


in CPS. Also, the male civilian noninstitutional population increased from 44,055,000 in March 1962 to 52,278,000 in March 1973. Hence, the effect of excluding members of the Armed Forces is greater in 1962 than in 1973, and the actual coverage in 1973 (excluding all members of the Armed Forces) is nearly as great as the coverage in 1962 (including Armed Forces coverage in the CPS). The total coverage of men aged 20–64 was 95.6% in 1962 and 95.4% in 1973. If military personnel had been excluded in 1962, coverage would have dropped to 93.7%, and if military personnel had been included in 1973, coverage would have increased to 97.1%. Even with the exclusion of military personnel coverage is greater at ages 20–24 in 1973 than it was in 1962.
B. Population Coverage, Weighting, and Sampling Variability

For purposes of intertemporal comparison the 1962 sample was restricted to civilians, for whom coverage is modestly higher in 1973 than in 1962 at every age. The loss of coverage due to the exclusion of men in the Armed Forces is especially large at the younger ages in 1962.

Weighting and Sampling Variability

The U.S. Bureau of the Census assigns weights to each observation in the CPS so weighted sample counts will sum to population counts by age, sex, or race/ethnicity that independently have been projected forward from the most recent decennial census. That is, the CPS weights inflate the sample count to estimate population counts, and they also compensate for coverage errors, survey nonresponse, and sampling variability in the CPS. The design of the CPS in 1962 and in 1973 is described in two publications of the U.S. Bureau of the Census (1963c, 1978). In 1962 and in 1973 the CPS weights were revised to compensate for nonresponse in the supplementary OCG surveys. All of the statistics reported in this book are based on these weights.

The total 1962 OCG sample of 20,700 men aged 20–64 represented 44.984 million men in the civilian noninstitutional population (plus some members of the Armed Forces, as previously described), so the average OCG weight in 1962 was 2173.14. The total 1973 OCG sample of 33,613 men aged 20–65 represented 52.989 million men in the civilian noninstitutional population: the average OCG weight in 1973 was 1576.46. Spanish-origin and black men were oversampled in the 1973 OCG survey, so the average OCG weights differed substantially among Spanish-origin, black, and other (nonblack, non-Spanish) men: these were 1030.54, 1084.22, and 1653.70, respectively.

Throughout this book, sample counts in the 1962 data were estimated by dividing (weighted) population totals by the average weight (2173.14). We also used the average weight for 1973 (1576.46) to estimate counts where the sample was not stratified by race or Spanish origin in the analysis, that is, in Chapters 2–5, 8 (Tables 8.1–8.13), and 9. Where the sample was stratified by race or Spanish origin, that is, in Chapters 6, 7, and 8 (Tables 8.14–8.20), we used average weights in the population strata to estimate sample counts.

One other adjustment was made in the estimated sample counts for 1962 and 1973. As reported by Hauser and Featherman (1977: Appendix F, pp. 346–378), a table of standard errors of percentages in the 1962 OCG survey that was prepared by the U.S. Bureau of the Census suggested the OCG sample was about .62 times less efficient (for estimating percentages) than a simple random sample of the same size. We adopted the design factor of .62 as a rule of thumb in reporting counts and estimating standard errors of statistics based on the 1962 OCG data. Thus, sample counts reported for the 1962 OCG data are weighted population totals, multiplied by the ratio of the
design factor (.62) to the average weight (2173.14). From a similar table of standard errors for post-1970 CPS data (for the total or white population; see U.S. Bureau of the Census, 1974b: Table I, p. 13), we estimated a design factor of .75 for the 1973 OCG survey. Thus, counts reported for the 1973 OCG data are weighted population totals, multiplied by the ratio of this design factor (.75) to the average weight (1576.46) or—in Chapters 6, 7, and 8—to average subpopulation weights.

Based on these adjustments, we have analyzed the 1962 OCG data as if the sample size were 12,834, rather than 20,700; we have analyzed the 1973 OCG data as if the sample size were 25,210, rather than 33,613. Since the adjusted sample count in 1973 exceeds that in 1962 by a much larger margin than the estimated population totals in 1973 (53 million) exceeded those in 1962 (45 million), the data—weighted and adjusted in this fashion—will yield biased estimates of averages across the 1962 and 1973 populations. For example, if we wished to estimate the average schooling of men across the 1962 and 1973 surveys (a characteristic whose population value changed between surveys), the adjusted weights would give undue importance to the 1973 data relative to the 1962 data. We did no such averaging across surveys in our analysis.

In the other hand, in a few instances (notably the construction of a design matrix for mobility from father's occupation to son's current occupation in chapter 4 of this volume) we did use the adjusted weights to pool data from the 1962 and 1973 surveys. Here, we assumed we had two independent samples from the same population, and our object was to minimize sampling variability. The greater weight of the 1973 data appropriately reflected the greater reliability. Likewise, we took advantage of the lower sampling variability of the 1973 data in testing for change across time.

We caution the reader that the tables of standard errors from which we obtained these design factors are said by the U.S. Bureau of the Census (1974b:11) to "provide an indication of the order of magnitude of the standard errors rather than the precise standard error for any specific item." Aside from differences in sampling variability across items, the design factors that we have used may not apply to the more complex statistics (than percentages) that we have used extensively in this book. Our subjective impression is that our adjustments have not been too conservative. This is based on the appearance of instability in regression analyses among black men in 1962 and on the frequency with which $\chi^2$ statistics have approximated their expected values when departures from the null hypothesis were substantively trivial.

Because blacks and men of Spanish origin were oversampled in 1973 (approximately double the rate of other men), one might think that our design factor (.75)—obtained for the white or total population—is excessively conservative when applied to the augmented black or Spanish samples. That is, we may have understated the reliability of data based on those augmented samples, relative to the reliability of estimates for the total or white popula-
tion. We do not believe this effect is substantial for black men, and for Spanish-origin men we are reasonably sure that it is negligible. Because of lower survey response in the black and Spanish-origin populations the basic (unsupplemented) black and Spanish-origin samples are subject to greater unreliability than the samples of other men. This is obvious from the average weights reported earlier—1084 for blacks and 1031 for Spanish—that are far greater than one-half of the average weight for other men (1654). That is, if double sampling were the only factor affecting the relative efficiency of the majority and minority samples, the average weights would be in a ratio of 2:1.

The U.S. Bureau of the Census (1974b:13) reports separate estimates of standard errors for percentages in "the total or white population" and for "Negro and other races" in the post-1970 CPS that suggest that the sample is roughly .75 as efficient for black as for all men. (We obtain this figure by squaring the ratio of estimated standard errors for the same estimated percentage and population base.) This says that the effective size of the black sample would have to be increased by about one-third, that is, 1/.75, to compensate for differences in the efficiency of the basic samples of black and majority men. In fact the black sample was doubled—suggesting a net increase in efficiency of one-half, that is, 2/1.33, relative to that needed to equate the efficiency of the black and majority samples. This suggests that our overall design factor (.75), applied to the supplemented black sample in 1973 was excessively conservative.

We think, however, that our procedure was not so conservative as is implied by these calculations. First, we have not taken explicit account of nonresponse in the supplementary OCG surveys, which we believe would tend to reduce the efficiency of the basic black sample relative to the majority sample. Second—and more importantly—the line of argument we have just advanced applies equally to the Spanish origin as to the black augmented samples, but the U.S. Bureau of the Census (1974d:15) has published a table of estimated standard errors of percentages for Spanish persons in the March 1973 CPS (which includes the supplementary sample of persons of Spanish origin). These estimated standard errors, which are reported to pertain to tabulations like years of schooling by age or sex, are slightly larger than corresponding standard errors reported by the Bureau of the Census for the total or white population. That is, even with double sampling, the Spanish-origin CPS sample appears to be somewhat less reliable than the majority sample for estimates of similar percentages on similar population bases. Thus, we are reasonably sure that our design correction of the Spanish sample is not excessive relative to that in the majority sample. Furthermore, we think similar results are likely to hold in the black subsample.

If we may have understated the sampling reliability of the data for black men in 1973, relative to that of the majority, we undoubtedly overstated the
relative stability of the data for black men in 1962. As noted earlier, we used
the single design factor of .62 and average weight of 2173 to estimate
effective counts and standard errors in all of our analyses using 1962 OCG
data. However, the relative efficiency of the black and white CPS samples
apparently differed in 1962 as they did in 1973. For example, the 1734
nonwhite men in the 1962 sample (of whom 1532 were black) represented
4.580 million black men. This implies an average weight of 2641 in the 1962
sample of nonwhites, which is substantially larger than the overall weight of
2173.
APPENDIX

C

Quality of Retrospective Occupation Reports

Elsewhere (Hauser and Featherman, 1977:Chap. 2; Bielby et al., 1977a,b) we have commented on the accuracy of retrospectively reported occupations and its bearing upon analyses in which such reports are recoded into status scores (e.g., Duncan scale or NORC scores). While a good deal more could be written to contradict continuing doubts (e.g., Walsh and Buckholdt, 1969; Schneider, 1976; A. Miller, 1976) that the validity of such retrospective data is low in relation to the reliability of contemporaneous reports of (current) occupations, that is not our purpose here. Instead, we wish to document the quality of reports provided by 1973 OCG respondents about their "first jobs" and about their "1962 civilian occupations." See Appendix A (1973 OCG questionnaire Items 18–18f for first job, and Items 24–24f for 1962 occupation).

"First job" is not a replicate item in the OCG surveys because of substantial reporting "errors" identified in the 1962 data (B. Duncan, 1965b:Chap. 5). Apparently a large minority of cases reported a first job held prior to the completion of formal (regular) schooling, since many gave an age at first job that was too young when compared to the years of schooling they had completed. This was probably the result of real discontinuities in the transi-
tion from school to work (see Duncan et al., 1972:210–224) which (a) made
the recollection and identification of the first full-time civilian job after "you
left school" problematic and (b) sometimes involved the holding of the first
job while schooling was still in progress (i.e., where the age at first job
logically was younger than the age at completion of regular schooling for
those who retained the same job). Consequently, we rephrased the first-job
items for the 1973 survey and nested them within the OCG supplementary
questionnaire just after a set of items about current school enrollment, the
highest grade completed, and the year in which that occurred. (The 1962
OCG questionnaire contained no item about respondent's schooling; that
appeared only on the CPS questionnaire and frequently was provided by a
CPS "household" respondent—typically a female or the OCG respondent's
spouse.)

We have no unambiguous means of validating the accuracy of the 1973
first-job information, but we can report the most crude datum that permits
some comparison between the quality of the flawed 1962 items and the
redesigned 1973 items. Table C.1 gives the percentage reporting an age at
first job that seems to be too young in relation to the years of school
completed (as given in the CPS information) for OCG men aged 20–64 in
1962 and 1973. Since the distribution of schooling shifted between surveys,
the comparison is made within year-of-schooling categories and within
those grades at which the transition from school to work seems most
problematic—namely, Grade 12 and beyond. The major finding is that the
1973 data involve fewer "errors" in the reporting of information that is
consistent with our concept of first job as full-time labor force entry sub-
sequent to all regular schooling. This is true for men who ultimately com-
pleted some college or more, but not for the group that stopped its schooling
with high school graduation. By and large it is the college group that usually
is at greater "risk" to educational discontinuities (interruptions).1

Subject to errors of recall, accuracy of reporting, and population cover-
age, the presence of the 1973 OCG item eliciting civilian occupation (full-
time or part-time) in March 1962 provides an internal benchmark for change
in mobility and achievement. It also provides a check on the magnitudes of
difference in our analysis that stem from procedural and design differences
between the two studies (see Chapter 1 of this volume).

Table C.2 compares the March 1962 occupations (major occupation
groups) of men born between 1907 and 1941 as reported by different sample
cases from each cohort contemporaneously to the March 1962 CPS (marked
"original" in Table C.2) and retrospectively to the 1973 OCG supplement

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1 Most respondents to the 1973 CPS supplement who reported both current school enrollment
in March 1973 and also a first job were enrolled in post-secondary schools. They were recent
(post-1960) labor force (year of first job) entrants, and about 81% had completed 12 or more
years of school. As mentioned in the text, persons currently enrolled were classified as having
missing data on the first-job variable, that is, as having no first job.
C. Quality of Retrospective Occupation Reports

TABLE C.1

Percent Reporting Ages at First Job That Are Too Young* in Relation to High Grade of School Completed

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<tr>
<th>Grade</th>
<th>12</th>
<th>13-15</th>
<th>16</th>
<th>17+</th>
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<td>38.1</td>
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<td>14.1</td>
<td>12.8</td>
<td>9.4</td>
<td>8.6</td>
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</table>

*The criterion ages for each grade are as follows: 12=age 17; 12-15=age 18; 16=age 21; 17+=age 22. Men giving ages at first job below these criteria were classified as in error.

(marked "retrospective" in Table C.2). Across the 17 categories of the table, the distributions differ by as little as 5.5%, although the slippage varies by cohort. In the cohorts born between 1917 and 1936—ages 25-44 in 1962—the distributions differ by 6.2 to 7%. Larger discrepancies occur at ages 20-24 (8.7%) and among men over age 45 in 1962 (10 to 11%). The most marked deviation between the reports concerns the category "proprietors" (managers, self-employed), which is systematically underrepresented in the retrospective reports vis-à-vis the original 1962 distribution. It alone accounts for at least half of the magnitudes of the coefficients of dissimilarity across the cohorts over age 35 in 1962. Given the differences in the U.S. Bureau of Census procedures for eliciting occupation, industry, and class of worker in March 1962 and 1973 (see Chapter 2 of this volume), it is not surprising that discrepancies are greater in the "proprietor" category. With the exception of the youngest cohort, the measure of discrepancies (coefficient of dissimilarity) varies directly with the proportion in proprietorships according to the original distribution (also with age). Discrepancies within the youngest cohort probably represent a higher degree of error owing to the more frequent job shifts at ages 20-24: note the more even pattern of small deviations across occupations than among older cohorts.

Thus, these data suggest that retrospective reports of March 1962 occupations reproduced the 1962 distributions with high accuracy, considering the many sources of potential difference. Aside from reflecting procedural changes in the elicitation of occupation and problems of recall, discrepancies between original and retrospective reports contain the effects of differential mortality by occupation and differential membership in the ECLF (e.g., the 1962 reports refer to the ECLF at that time; retrospective reports were given by men who in 1973 were in the ECLF but may not have been in 1962).

While we do not report data for black men separately, the discrepancies are much more substantial than those in Table C.2 for all men. For example, the coefficient of dissimilarity across the 17 occupations for black men in the cohorts 1907-1941 was 15.4. About half of this disparity reflects underre-

C. Quality of Retrospective Occupation Reports

porting (in the retrospective data) of nonfarm labor. We suspect that this greater apparent error incorporates a larger component of population slippage than in the population as a whole, given shifts in black membership in the ECLF between 1962 and 1973 (see Chapter 6 of this volume; also, U.S. Bureau of Census, 1975: Table 34).

Table C.3 gives the regressions of occupation in 1962 as estimated with original and retrospective reports. Means and standard deviations on the Duncan scale compare rather favorably within all cohorts, but they correspond most closely among men aged 30–45 in 1962. It is important to point out that, for younger men, education reported in 1962 need not be the same as that reported in 1973 because of continuation of schooling. This feature

<table>
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<tr>
<th>Cohort Year</th>
<th>Father's occupation</th>
<th>Farm origin</th>
<th>Farm education</th>
<th>College education</th>
<th>1962 occupation</th>
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<td>1962</td>
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C. Quality of Retrospective Occupation Reports

affects the interpretation of the schooling coefficients—mainly the retrospective "college" effect—in cohorts born in 1927–1941. In most other respects the regression estimates are reasonably close, given sampling errors; there is one major exception. The coefficient for race is biased downward in the retrospective reports. This results from larger differences in the degree to which blacks and nonblacks reproduce the average 1962 Duncan scores for current occupation via the retrospective item (see Tables C.4 and C.5). Blacks tend to systematically overestimate the status of 1962 occupations, and/or the ECLF population of blacks in 1973 is a select subset of the 1962 ECLF. Both possibilities are likely given the data at hand (see Bielby et al.,

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<td>(2.75)</td>
<td>(1.29)</td>
<td>(19.62)</td>
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<td>1922–26</td>
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<td>(3.68)</td>
<td>(1.00)</td>
<td>(15.54)</td>
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<td>14.71</td>
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<td>(1.29)</td>
<td>(17.98)</td>
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<td>1917–21</td>
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<td>13.37</td>
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<td>18.87</td>
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<td>(2.71)</td>
<td>(.89)</td>
<td>(16.57)</td>
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<td>8.07</td>
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<td>(11.30)</td>
<td>(.50)</td>
<td>(3.34)</td>
<td>(1.02)</td>
<td>(15.95)</td>
</tr>
<tr>
<td>1912–16</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1962</td>
<td>15.60</td>
<td>.52</td>
<td>7.21</td>
<td>.24</td>
<td>17.06</td>
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<tr>
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<td>(11.10)</td>
<td>(.50)</td>
<td>(3.72)</td>
<td>(.83)</td>
<td>(12.75)</td>
</tr>
<tr>
<td>1973</td>
<td>13.30</td>
<td>.57</td>
<td>7.72</td>
<td>.16</td>
<td>19.06</td>
</tr>
<tr>
<td></td>
<td>(7.69)</td>
<td>(.49)</td>
<td>(3.35)</td>
<td>(.76)</td>
<td>(15.18)</td>
</tr>
<tr>
<td>1907–11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1962</td>
<td>16.90</td>
<td>.63</td>
<td>6.96</td>
<td>.10</td>
<td>17.34</td>
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<tr>
<td></td>
<td>(12.09)</td>
<td>(.48)</td>
<td>(3.60)</td>
<td>(.53)</td>
<td>(15.13)</td>
</tr>
<tr>
<td>1973</td>
<td>15.04</td>
<td>.60</td>
<td>6.77</td>
<td>.19</td>
<td>17.99</td>
</tr>
<tr>
<td></td>
<td>(12.69)</td>
<td>(.49)</td>
<td>(3.59)</td>
<td>(.86)</td>
<td>(16.68)</td>
</tr>
</tbody>
</table>
C. Quality of Retrospective Occupation Reports

1977a for a discussion of measurement error in models of attainment for blacks and whites).

In any event, we have not employed the retrospective 1962 report in Chapter 6 for blacks. In Chapter 5, the coefficient for race in equations for (retrospective) 1962 occupation should be interpreted with caution. Otherwise, we believe the retrospective item is sufficiently accurate to warrant its use.
APPENDIX

D

Eliciting Ethnic Ancestry

The 1973 OCG survey included two items eliciting ethnic ancestry, by virtue of its relationship to the March 1973 Current Population Survey. For all persons 14 years of age and older, the March CPS questionnaire included the item:

52. What is ______'s origin or descent? (Show flash card or read list.)

<table>
<thead>
<tr>
<th>German</th>
<th>☐</th>
<th>Mexican-American</th>
<th>☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italian</td>
<td>☐</td>
<td>Chicano</td>
<td>☐</td>
</tr>
<tr>
<td>Irish</td>
<td>☐</td>
<td>Mexican (Mexicano)</td>
<td>☐</td>
</tr>
<tr>
<td>French</td>
<td>☐</td>
<td>Puerto Rican</td>
<td>☐</td>
</tr>
<tr>
<td>Polish</td>
<td>☐</td>
<td>Cuban</td>
<td>☐</td>
</tr>
<tr>
<td>Russian</td>
<td>☐</td>
<td>Central or So. American</td>
<td>☐</td>
</tr>
<tr>
<td>English</td>
<td>☐</td>
<td>Other Spanish</td>
<td>☐</td>
</tr>
<tr>
<td>Scottish</td>
<td>☐</td>
<td>Negro or Black</td>
<td>☐</td>
</tr>
<tr>
<td>Welsh</td>
<td>☐</td>
<td>Other (specify below)</td>
<td>☐</td>
</tr>
<tr>
<td>Don't know</td>
<td>☐</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The 1973 OCG questionnaire (Appendix A) contained the following item, asked of males aged 20–65 in the civilian noninstitutional population:

4. What is the original nationality of your family on your FATHER’S side? That is, what was it before coming to the United States?\(^1\)

(Example: Polish, German, Spanish, Russian)

We have used the OCG item in Chapter 8, and the availability of the CPS item permits us to assess its effectiveness in classifying the population. However, there are numerous differences between the CPS and OCG items. Question 52 was closed-ended, while OCG Question 4 was open-ended and coded into about 100 detailed codes. The OCG item referred to paternal lineage, and the CPS item to "origin or descent."\(^1\) Because of procedural differences between CPS and OCG, the OCG item was more likely to have been ascertained directly from the OCG mule. (Most male CPS data are obtained from wives, but only about 20% of OCG data were obtained from persons other than the intended respondent.) For these reasons, it is necessary to be very cautious in interpreting the validity or reliability of either item with reference to the other.

Table D.1 gives the marginal distribution of the March 1973 CPS origin or descent item for nonblack OCG respondents aged 20–65. The corresponding marginal distribution from the OCG paternal national heritage item was approximated by combining lines of the detailed OCG national origin code (indicated parenthetically in the table). The data include the Spanish origin supplement drawn from the October 1972 CPS as well as those otherwise included in the March 1973 CPS (see Chapter 1 of this volume).

Within the nonblack male adult population the OCG item classifies much more of the non-Spanish-origin population than does the CPS item, but the CPS item classifies slightly more persons as "Spanish-origin" (lines 8–14). The 1973 CPS item fails to classify 46.3% of nonblack OCG males; 9.7% are "don't know," 2.8% blank, and 33.8% "other." The OCG paternal origin question fails to classify only 14.1% of the nonblack OCG males: .6% "other," 10.7% blank, and 2.8% "American."\(^1\) The OCG item even classifies more of the population into the non-Spanish nationalities listed in the March 1973 CPS question.

The CPS item classifies more persons as Mexican, Puerto Rican, Cuban, or Central or South American, while the OCG item classifies more persons as of "Other Spanish" origin (i.e., father's family originally from Spain). As shown in Table D.2, many of the persons in each Spanish-origin category of the CPS question reported "Spain" in response to the OCG paternal origin question. Of nonblack OCG men, 4.06% were classified as of Spanish origin.

\(^1\) These figures are not reported in Table D.1. When respondents are permitted to report a nationality group to an open-ended question—as in the instance of the OCG item—only 14.1% cannot be classified at the detailed level of specific countries. However, based on the OCG question, 32.4% (Table D.1) cannot be classified within the 15 categories listed by the closed-ended CPS format.
D. Eliciting Ethnic Ancestry

TABLE D.1

<table>
<thead>
<tr>
<th>Nationality</th>
<th>OCG (Father's national origin)</th>
<th>CPS (Origin or descent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 German (122)</td>
<td>19.5</td>
<td>14.1</td>
</tr>
<tr>
<td>1 Italian (135)</td>
<td>5.7</td>
<td>5.2</td>
</tr>
<tr>
<td>2 Irish (114)</td>
<td>10.8</td>
<td>7.5</td>
</tr>
<tr>
<td>3 French (121)</td>
<td>3.6</td>
<td>2.5</td>
</tr>
<tr>
<td>4 Polish (123)</td>
<td>3.3</td>
<td>2.6</td>
</tr>
<tr>
<td>5 Russian (155-157)</td>
<td>2.1</td>
<td>1.3</td>
</tr>
<tr>
<td>6 English, Scottish, Welsh (110-112)</td>
<td>18.3</td>
<td>16.1</td>
</tr>
<tr>
<td>8 Mexican-American (161)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 Chicano (161)</td>
<td>2.0</td>
<td>0.0</td>
</tr>
<tr>
<td>10 Mexican (Mexican) (161)</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>11 Puerto Rican (106)</td>
<td>0.4</td>
<td>0.6</td>
</tr>
<tr>
<td>12 Cuban (169)</td>
<td>0.2</td>
<td>0.4</td>
</tr>
<tr>
<td>13 Central or South American</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(162-186, exc. 169)</td>
<td>0.2</td>
<td>0.3</td>
</tr>
<tr>
<td>14 Other Spanish (136)</td>
<td>1.5</td>
<td>0.3</td>
</tr>
<tr>
<td>Other, don't know, NA</td>
<td>32.4</td>
<td>46.2</td>
</tr>
<tr>
<td>Total</td>
<td>100.0</td>
<td>100.0</td>
</tr>
<tr>
<td></td>
<td>(47,930)</td>
<td>(47,930)</td>
</tr>
</tbody>
</table>

NOTE: See text for explanation. Percentages may not be internally consistent because of rounding error. Three-digit numbers in parentheses refer to U.S. Bureau of Census codes used in the OCG study.

by both the CPS and OCG items. .35% were Spanish in OCG, but not CPS, and .48% were Spanish in CPS, but not in OCG.

Relative to the OCG paternal origin question, the CPS origin or descent question does well in identifying the Spanish-origin population, but very poorly as a more general ethnic origin question. An analysis of the reliability of the CPS item may be found in U.S. Bureau of the Census (1974a).

A further check on the validity of the OCG (paternal) heritage item is available by cross-tabulating it by the nativity and parentage information, provided by 1973 OCG supplement items (see Appendix A), and by race of respondent. The nativity and national origin-classification in the stub of Table D.3 was constructed by allocating all blacks (CPS item) regardless of nativity or parentage into the "black" categories according to regions of
D. Eliciting Ethnic Ancestry

TABLE D.2

Father’s National Origin (OCG) by Origin or Descent (CPS) for Men of Spanish Origin or Descent: Nonblack Men Aged 20-65 in March 1973 for Whom Responses Were Obtained in Both the March Current Population Survey and the Occupational Changes in a Generation Supplement

<table>
<thead>
<tr>
<th>Father’s national origin (OCG)</th>
<th>Mexican American</th>
<th>Chicano</th>
<th>Mexican (Mexican)</th>
<th>Puerto Rican</th>
<th>Cuban</th>
<th>Central or So. Amer.</th>
<th>Other Spanish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexican (161)</td>
<td>62.8%</td>
<td>74.4%</td>
<td>80.0%</td>
<td>0.0%</td>
<td>0.0%</td>
<td>2.1%</td>
<td>5.1%</td>
</tr>
<tr>
<td>Puerto Rican (106)</td>
<td>0.2%</td>
<td>0.0%</td>
<td>0.0%</td>
<td>61.4%</td>
<td>0.0%</td>
<td>0.0%</td>
<td>1.8%</td>
</tr>
<tr>
<td>Cuban (169)</td>
<td>0.0%</td>
<td>0.0%</td>
<td>0.0%</td>
<td>51.8%</td>
<td>0.0%</td>
<td>4.1%</td>
<td></td>
</tr>
<tr>
<td>Central, South American</td>
<td>0.8%</td>
<td>4.7%</td>
<td>0.0%</td>
<td>1.8%</td>
<td>0.0%</td>
<td>48.7%</td>
<td>3.4%</td>
</tr>
<tr>
<td>Other (136)</td>
<td>27.6%</td>
<td>20.9%</td>
<td>14.9%</td>
<td>31.6%</td>
<td>42.9%</td>
<td>36.0%</td>
<td>52.8%</td>
</tr>
<tr>
<td>NA, American (199,204)</td>
<td>4.3%</td>
<td>0.0%</td>
<td>2.3%</td>
<td>1.9%</td>
<td>1.4%</td>
<td>0.7%</td>
<td>4.5%</td>
</tr>
<tr>
<td>Total (1000s)</td>
<td>100.0</td>
<td>100.0</td>
<td>100.0</td>
<td>100.0</td>
<td>100.0</td>
<td>100.0</td>
<td>100.0</td>
</tr>
</tbody>
</table>

NOTE: Three-digit numbers refer to U.S. Bureau of Census codes used in the OCG study.

birth and current residence. In the (paternal) heritage classification of the caption of Table D.3, blacks were permitted to name a national ancestry. Approximate numbers of sample observations can be ascertained by dividing the population estimates (in thousands) in the table by the constant, 1576 (i.e., each observation represents 1576 persons).

Black 1973 OCG respondents, particularly those native to the North, chose a national ancestry. Only 13.9% of northern native blacks, 16.1% of southern blacks living in the North, and 24.4% of southern natives failed to provide a response; the percentage “not ascertained” for black and white men together was 12.9%. Nearly 3% of blacks native to either North or South identified themselves as having “Other” Spanish ancestry (e.g., Spain, Central or South America—but not Mexico—or Cuba). The vast majority classified themselves within the African continent.

Among nonblacks, most persons fell into corresponding categories in the two classifications. For example, 70.4% of second-generation Mexicans (native of foreign or mixed parentage) reported Mexico as their paternal ancestry; 22.7% chose “Other” Spanish (usually Spain). Eighty percent of second-generation Irish, 82% of second-generation Germans, 72% of Britons (U.K.), 96% of Italians in the second generation, 90% of the Poles, 73% of second-generation Russians, and 93% of the Chinese and Japanese were similarly classified by the two systems. This is high given the focus on paternal lineage in the heritage item and the possibilities for maternal reference (only in the case of mixed parentage) in the other classification. Interestingly, only 14% of second-generation Americans from Canada chose Canadian ancestry; nearly equal percentages chose British (26%) or “Other” Northern and Western Europe—France (21%)—as their paternal ancestry. Doubtless this reflects the heavy volume of immigration to Canada
<table>
<thead>
<tr>
<th>Nativity and National Origin</th>
<th>Paternal National Heritage</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Foreign, nonblack</td>
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</tr>
<tr>
<td>Mexican and Puerto Rican</td>
<td>49.9</td>
</tr>
<tr>
<td>Other foreign-born, and NA</td>
<td>0.0</td>
</tr>
<tr>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>Native to North</td>
<td>0.1</td>
</tr>
<tr>
<td>Migrant to North</td>
<td>0.0</td>
</tr>
<tr>
<td>Southern or Other</td>
<td>0.1</td>
</tr>
<tr>
<td>Native, black, natives of native parents</td>
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</tr>
<tr>
<td>Native to North</td>
<td>0.5</td>
</tr>
<tr>
<td>Migrant to North</td>
<td>1.2</td>
</tr>
<tr>
<td>Native to South</td>
<td>0.9</td>
</tr>
<tr>
<td>Migrant to South</td>
<td>0.1</td>
</tr>
<tr>
<td>Nonblack of foreign or mixed parentage</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>0.0</td>
</tr>
<tr>
<td>Germany</td>
<td>0.2</td>
</tr>
<tr>
<td>England, Scotland, Wales</td>
<td>0.0</td>
</tr>
<tr>
<td>Other Northern and Western Europe</td>
<td>0.0</td>
</tr>
<tr>
<td>Italy</td>
<td>0.1</td>
</tr>
<tr>
<td>Poland</td>
<td>0.0</td>
</tr>
<tr>
<td>USSR</td>
<td>0.0</td>
</tr>
<tr>
<td>Hungary, Czechoslovakia, and Yugoslavia</td>
<td>0.0</td>
</tr>
<tr>
<td>All other Europe</td>
<td>0.0</td>
</tr>
<tr>
<td>Canada</td>
<td>0.0</td>
</tr>
<tr>
<td>Mexico</td>
<td>70.4</td>
</tr>
<tr>
<td>Other Latin America</td>
<td>0.0</td>
</tr>
<tr>
<td>China, Japan</td>
<td>0.0</td>
</tr>
<tr>
<td>Other Asia, and NA</td>
<td>1.6</td>
</tr>
<tr>
<td>Total (1000s)</td>
<td>914</td>
</tr>
</tbody>
</table>
and its polyethnic composition; it also may suggest that Canada is con-
dered by some to have been only an intermediate destination in their families’
resettlement in North America.

Among nonblacks of foreign birth we identified Mexicans and Puerto
Ricans (although the latter are technically U.S. citizens) for combined refer-
ence apart from other recent arrivals. Fifty percent of the Mexican/Puerto
Ricans selected Mexico and 25.4% chose Puerto Rico as their paternal
national ancestry; an additional 20.7% chose “Other” Spanish.

On the basis of these tables we believe the OCG item on paternal national-
ity or heritage offers a useful and accurate means of enumerating the popula-
tion (of men) by ethnic background at a time when two-thirds of white males
and more than three-fourths of all men are at least third-generation Amer-
cans.
APPENDIX

F

Comparisons of Basic (CPS) and Supplementary Samples of Black Men in the 1973 OCG

As reported in Chapter 1 the black sample drawn from the March 1973 Current Population Survey (CPS) was supplemented by a sample of black men from retired (October 1972) CPS households. Eligible men were identified in April of 1973 and interviewed personally by CPS personnel using both March CPS and OCG questionnaires. While CPS interviewers were instructed not to probe when administering the OCG questionnaire, the face-to-face interview method, combined with the greater likelihood that CPS items were elicited from the OCG male (rather than his spouse), creates the presumption that methodological differences between the basic (CPS) and supplementary samples of black men may have affected comparisons between the races in 1962 and 1973.

For this reason we report a comparison of sample characteristics in the basic and supplementary samples. There were 2343 black males aged 20–65 in the basic sample and 2313 black males aged 20–65 in the supplementary sample. This appendix pertains to approximately 1702 men in the basic sample and 1479 men in the supplementary sample who were 25–64 years old and in the experienced civilian labor force in March 1973. We have based the approximate standard errors used in this report on a design factor (applied to

each sample) that reflects the departure of reported standard errors of
percentages for black men in the CPS from those in simple random samples
of the same size (U.S. Bureau of the Census, 1974b:13); this design factor is
.56. For further discussion of design factors in the CPS and OCG samples,
see Appendix B.

Table F.1 gives means and standard deviations of status variables in the
basic and supplementary samples of black men. Clearly the measures of
central tendency and variability and the response rates (for nonallocated
items) are very similar in the two samples. Two differences in mean status
might appear to be substantial: the difference of .039 in the share of men
reared in broken families and the difference of .75 SEI points in the status of
current occupations. Neither of these differences is statistically significant at
the .05 probability level, given our estimate of the efficiency of the samples.

Table F.2 reports a series of regression analyses in the two samples. Here,
there is some evidence of heterogeneity. The coefficients of determination
are uniformly larger, and the errors of estimate are correspondingly smaller
in the supplement than in the basic sample. This suggests that the status
variables are measured more reliably in the supplement. At the same time
the structural coefficients are rather similar in the two samples. A few
differences are statistically significant, but in most cases the coefficients lie
within one standard error of one another as computed within either independ-
ent sample. To put the matter more strongly, even if the CPS design were

<table>
<thead>
<tr>
<th>Variable</th>
<th>Basic (CPS) sample</th>
<th>Supplementary sample</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mean</td>
<td>Standard deviation</td>
</tr>
<tr>
<td>Father's occupation</td>
<td>16.04</td>
<td>13.79</td>
</tr>
<tr>
<td>Father's education</td>
<td>6.53</td>
<td>3.85</td>
</tr>
<tr>
<td>Number of siblings</td>
<td>5.05</td>
<td>2.97</td>
</tr>
<tr>
<td>Farm origin</td>
<td>.412</td>
<td>.493</td>
</tr>
<tr>
<td>Broken family</td>
<td>.309</td>
<td>.462</td>
</tr>
<tr>
<td>Education</td>
<td>10.05</td>
<td>3.53</td>
</tr>
<tr>
<td>First occupation</td>
<td>20.83</td>
<td>18.53</td>
</tr>
<tr>
<td>Current occupation</td>
<td>25.40</td>
<td>20.43</td>
</tr>
<tr>
<td>1972 earnings</td>
<td>7326</td>
<td>4899</td>
</tr>
<tr>
<td>Log of earnings</td>
<td>8.69</td>
<td>.86</td>
</tr>
<tr>
<td>Adjusted count</td>
<td>950</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Occupations are scaled on Duncan's (1961) socioeconomic index.
Educational attainment is from the CPS. Items with 100 percent reporting
had missing responses allocated by the Bureau of the Census. Men with less
than $1000 in 1972 earnings were eliminated from the computation of mean
log of earnings. See text for discussion of adjusted count.
### TABLE P.2

Regression Analysis of Status Variables: Black Men Aged 25-64 in the Experienced Civilian Labor Force in March 1973, Basic (CPS) and Supplementary Samples

<table>
<thead>
<tr>
<th>Dependent variable</th>
<th>Sample</th>
<th>Father's occupation</th>
<th>Father's education</th>
<th>Number of siblings</th>
<th>Farm origin</th>
<th>Broken family</th>
<th>Educational attainment</th>
<th>First occupation</th>
<th>Current occupation</th>
<th>R²</th>
<th>Error of estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Basic</td>
<td>.155</td>
<td>.257</td>
<td>-.048</td>
<td>-.1632</td>
<td>-.657</td>
<td>.215</td>
<td>.312</td>
<td>2.963</td>
<td></td>
<td></td>
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**NOTE:** Parenthetic entries are approximate standard errors based on adjusted counts; see text for explanation.
as efficient as a simple random sample (so the reported standard errors would be reduced by a factor of \(0.75 = \sqrt{0.56}\)), most differences would not be significant statistically.

There are some exceptions to this generalization. In the equation for educational attainment the effect of father’s occupational status is significantly greater in the basic sample than in the supplement. On the other hand, effects of father’s educational attainment and number of siblings are greater in the supplement than in the basic sample; yet even if the black samples were as efficient as simple random samples, these differences would only be of marginal statistical significance. Whatever the import of these differences, our inferences about trend in the effects of social background on schooling among black men are based on intercohort comparisons within the 1973 sample to which the subsample differences are irrelevant.

In the equation for the status of first occupations the effect of father’s occupational status is significantly larger within the supplement than in the basic sample. That is the only substantial or significant difference between the two equations for first occupation. Again, our inferences about mobility to first occupations among black men are based on intercohort comparisons within the 1973 data, not on intersurvey comparisons that might be rendered suspect by this methodological effect.

There are no significant differences between coefficients in the two equations for current occupational status. The largest apparent difference—relative to nominal standard errors—is that between the effects of first on current occupations, but the difference between those two coefficients would not be statistically significant at even the .05 level even if the CPS design were as efficient as a simple random sample. Likewise, there are no statistically significant differences between coefficients of the earnings equations (under either the linear or semilogarithmic specifications) in the basic and supplementary samples.

We conclude that there are no substantial or systematic differences between parameters of the stratification process as they appear in the basic and supplementary samples of black men in 1973. For this reason we have pooled the basic and supplementary samples in our trend analyses.

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1 Throughout this discussion, we are computing the standard error of a difference as the square root of the sum of squared standard errors of coefficients in the two samples.
Appendix W

OCG-II Tabulation Specification No. 5

TO: Peter Dickinson (and staff)
FROM: David L. Featherman


2. Recode replicates into identical classifications, according to appendices A and B (attached).
3. Create master file for the replication analysis, called "1962-1973 Replicate Master," according to appendices A and B.

Population: The "1962-1973 Replicate Master" population encompasses the civilian non-institutional males who constituted the OCG target population in each year. This includes OCG non-interview cases in both years. We shall exclude from the 1962 file all military (non-civilian) personnel.

Record structure of "1962-1973 Replicate Master":
1. Variables are comparably classified as to apply to cases in each year. While extracting replicate items principally, we shall include year-specific items when necessary and create identifiers for year of survey.
2. Record structure is of fixed length, containing (for the OCG target male) CPS male data, OCG male data (for OCG interview cases only, filler for non-interviews), OCG spouse data (if married OCG interview case, otherwise filled) and CPS spouse data (if married OCG target male, otherwise filled). Note that are organized to represent male records, including spouse data or blanks as appropriate. The logical order of information is as follows:
   (a) Household geographical and person-record identifiers.
   (b) Male's OCG and CPS information which overlaps with present-spouse's [order of items identical in (b) and (d)].
   (c) Male's unique data (i.e., not reported by or for female) from OCG and CPS.
   (d) Female's OCG and CPS information overlapping with present-spouse's [order of items identical in (b) and (d)].

   [Special Note: One person-record identifier will be established for each record (applies to both the male and female information within that record). Male and female portions of the record are distinguished by character locations on the 1962-1973 Replicate Master File and by a "SEX" variable within each portion. The person-record identifier is constructed (see appendices) from the 1962 serial and line numbers and from the 1973 random cluster codes, segment, serial, and line numbers.]


423
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(d) Female's OCG and CPS information overlapping with present-spouse's

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<td>557 (CPS)</td>
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<td>93. Experienced labor force</td>
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<td>Age (single years)</td>
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<td>95-96 (CPS)</td>
<td>All</td>
<td>553-554 (CPS)</td>
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<td>553-554 (CPS)</td>
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<td>556 (CPS)</td>
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<td>988-990 (OCG)</td>
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<td>OCG</td>
<td>979-981 (OCG)</td>
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<td>OCG</td>
<td>995 (OCG)</td>
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<td>Father’s Socioeconomic Status Score</td>
<td>SEI6WF</td>
<td>395-397 (OCG)</td>
<td>OCG</td>
<td>construct 979-981; 988-990; 995 (OCG)</td>
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<td>OCG</td>
<td>construct</td>
<td>OCG</td>
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<td>construct 973-974; 975-976 (OCG)</td>
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<td>973-974 (OCG)</td>
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<td>977-978 (OCG)</td>
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<td>635-636 (CPS)</td>
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<td>46 (CPS)</td>
<td>in labor force</td>
<td>627-628 (CPS)</td>
<td>civilian labor force</td>
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<td>114.</td>
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<td>All</td>
<td>586, 588 (CPS)</td>
<td>All</td>
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<td>124 (CPS)</td>
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<td>115.</td>
<td>Hours worked last week</td>
<td>WR1R5W</td>
<td>31-33 (CPS)</td>
<td>ESR-1</td>
<td>506-507 (CPS)</td>
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<td>Activity (Employment Status) last week</td>
<td>ESRW</td>
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<td>562 (CPS)</td>
<td>All</td>
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<td>Weeks worked last year</td>
<td>WRUK5W</td>
<td>181 (CPS)</td>
<td>Feb/March match</td>
<td>649 (CPS)</td>
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<td>118.</td>
<td>Full/Part time</td>
<td>FPTIMW</td>
<td>186 (CPS)</td>
<td>Feb/March match</td>
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<td>Full/Part year workers</td>
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full/part yr. workers
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<th>1962-1973 Replicate Master Character Location</th>
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<td>Weeks unemployed</td>
<td>WKNEMW</td>
<td>58-60 (CPS)</td>
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<td>522-523 (CPS)</td>
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<td>120.</td>
<td>Occupation of Longest Job</td>
<td>OCL6W</td>
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<td>Industry of Longest Job</td>
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<td>187-188 (CPS)</td>
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<td>122.</td>
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<td>801 (CPS)</td>
<td>802 (CPS)</td>
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<td>122 (CPS) (except rotations 4 and 8)</td>
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<td>ALOTR</td>
<td>123 (CPS) (except rotations 4 and 8)</td>
<td>268</td>
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<td>124.</td>
<td>Wage/Salary Income</td>
<td>YWGDW</td>
<td>133-138 (CPS) (except rotations 4 and 8)</td>
<td>685-690 (CPS)</td>
<td>All</td>
<td>Noninmates 14+</td>
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<td>125.</td>
<td>Self-employed Nonfarm Income</td>
<td>YSEWDW</td>
<td>139-144 (CPS) (except rotations 4 and 8)</td>
<td>691-696 (CPS)</td>
<td>All</td>
<td>Noninmates 14+</td>
</tr>
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<td>126.</td>
<td>Self-employed Farm Income</td>
<td>YSFSDW</td>
<td>145-150 (CPS) (except rotations 4 and 8)</td>
<td>697-702 (CPS)</td>
<td>All</td>
<td>Noninmates 14+</td>
</tr>
<tr>
<td>127.</td>
<td>Unearned Income</td>
<td>YOTD</td>
<td>151-156 (CPS) (except rotations 4 and 8)</td>
<td>703-708 (CPS)</td>
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<td>128.</td>
<td>Total Income</td>
<td>YNDW</td>
<td>157-162 (CPS) (except rotations 4 and 8)</td>
<td>679-684 (CPS)</td>
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<td>129.</td>
<td>Feb/March Match</td>
<td>MATCH</td>
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<td>Wife Data Present</td>
<td>COUPLE</td>
<td>34 (CPS)</td>
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<td>construct</td>
<td>All</td>
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APPENDIX A

Recoding Operations to be Performed on 1962 OCG-CPS Merged Tape and Localization on Output Tape, "1962-1973 Replicate Tape"

<table>
<thead>
<tr>
<th>1962 OCG-CPS Location</th>
<th>Description</th>
<th>Recoding Operations</th>
<th>1962-1973 Replicate Location</th>
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</thead>
<tbody>
<tr>
<td>236-240; 91-92; 94</td>
<td>Identification No. IDNO</td>
<td>Create 13-digit identifier from Serial No. (Char. 236-240) rotation group (Char. 94) and Line No. (Char. 91-92)</td>
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- Year of Survey
  - ITVYR
    - Create: 1 1962
    - 2 1973

- Supplement Flag
  - SUPFLG
    - Encode all cases as 9
    - 9 = NA; 1962 record

- 67-78
  - Weight CPS WGTCP5
    - Transfer untransformed

- 290-301
  - Weight OCG WGTPRM
    - Transfer untransformed; negative values are possible
    - 0 for nonrespondents

- Weight OCG (ALT) WGTALT
  - Create zero weights

- 222
  - OCG Interview/Non-interview ITVSRA
    - Transform: Blank ¥
    - 0 Non-interview
    - 1 Interview
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<tr>
<th>1962 OCG-CPS Location</th>
<th>Description</th>
<th>Recoding Operations</th>
<th>1962-1973 Replicate Location</th>
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<td>State of Current Residence STATE</td>
<td>Classification based on CPS codes, with tens digit signifying census division. Transform from: Vermont, Maine, New Hampshire--01  to: New York--10</td>
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<td>Washington--87 91 Oregon--88 92 California--89 93 Pacific Alaska, Hawaii--85 94</td>
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<td>1 to: 2 SMSA, not central city</td>
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Siegel Prestige Score
Father's Occupation
SGL6F

000-999 (with one implied decimal place)
Construct as using OCD6F (54-56), IND6F (57-59), and CWR6F (60), and Table 5 in Siegel, Prestige in the American Occupational Structure.
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<th>Location</th>
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<td>No. Sisters  SISX</td>
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<td>309-310</td>
<td>No. Brothers  BROX</td>
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<td>Living with Parents at age 16</td>
<td>Transform from: 0-4 5,♀ to: 0-4 9 = NA, incl. OCG noninterview</td>
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<td>374-377</td>
<td>Nonfarm Background  FRMORX</td>
<td>Transform from: 0200, 0222, 0901-0905 0000-0199, 0223-0900, 0906-0994 0995-1000, ♀ to: 1 Farm 0 Nonfarm 9 = NA, incl. OCG noninterview</td>
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<td>1962 OCG-CPS Location</td>
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<td>Educational Attainment Recode EDR6X</td>
<td>1. Create 3-digit number, combining Char. 205 206 207</td>
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<td>2. Transform this 3-digit number as follows</td>
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<td>2. Transform this 3-digit number as follows</td>
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<td>58-60</td>
<td>Weeks Unemployed WKNENX</td>
<td>Transform from: 00-99 100,999</td>
<td>to: 000-099 999=NA, not unemployed</td>
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<td>[N.B. For ESR 3]</td>
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<td>189-190</td>
<td>Occupation of Longest Job OCL6XL</td>
<td>Transform from: 00-24 Y¥</td>
<td>to: 00-24 99=NA, not Feb/March 1962 match</td>
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<td>92-93</td>
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<td>187-188</td>
<td>Industry of Longest Job INI6XL</td>
<td>Transform from: 00-43 44, Y¥</td>
<td>to: 01-44 99=NA; not Feb/March 1962 match</td>
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<td>192</td>
<td>Class of Worker of Longest Job CWC6XL</td>
<td>Transform from: 0-3 Y</td>
<td>to: 1-4 9=NA; not Feb/March 1962 match</td>
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<td>120-123</td>
<td>Income Allocation</td>
<td>Transform from: ALWGX 0-1 ALSEX ¥ ALOTRX 9</td>
<td>to: 0-1 9=NA 100</td>
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<td>97 98 99</td>
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<td>133-138</td>
<td>Wage and Salary Income YWGD7X</td>
<td>Transform from: (-99999)-(999998) Y¥¥¥ ¥¥</td>
<td>to: (-99999)-(999998) 9999999=NA, in rotation group 4 or 8</td>
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<td>101-106</td>
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<td>[N.B.: Transform all values (inflate) to 1972 dollars; cf. Tech. Notes No. 3]</td>
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<td>139-144</td>
<td>Self-employed Nonfarm Income YSED7X</td>
<td>Transform as YWGD7X (101-106)</td>
<td>107-112</td>
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<td>1962 OCG-CPS Location</td>
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<td>1962-1973 Replicate Location</td>
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<td>145-150</td>
<td>Self-employed Farm Income YSFD7X</td>
<td>Transform as YWGD7X (101-106)</td>
<td>113-118</td>
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<td>151-156</td>
<td>Unearned Income YOTD7X</td>
<td>Transform as YWGD7X (101-106)</td>
<td>119-124</td>
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<td>157-162</td>
<td>Total Income YND7X</td>
<td>Transform as YWGD7X (101-106)</td>
<td>125-130</td>
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<td>173</td>
<td>Feb/March Match MATCHX</td>
<td>Transform from:</td>
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<td>Paternal National Origin NATF</td>
<td>Code 999</td>
<td>132-134</td>
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<td>279-281</td>
<td>Father's Place of Birth BRTHF</td>
<td>Transform from:</td>
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<td>003-098</td>
<td>103-198</td>
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<td>282-284</td>
<td>Mother's Place of Birth BRTHM</td>
<td>Same as BRTHF (135-137)</td>
<td>138-140</td>
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| 275-277  | R's Place of Birth BRTHX     | Transform from:
|          |                              | 000                           | 000                |
|          |                              | 001                           | 094                |
|          |                              | 002                           | 095                |
|          |                              | 003-093                       | 003-093            |
|          |                              | 100                           | 100                |
|          |                              | 094                           | 000                |
|          |                              | 101-199                       | 101-199            |
|          |                              | 200, ]                         | 999                |
| 275-277  | R's Region of Birth RGNBRRT  | Transform from:
<p>|          |                              | 1960 Codes                    | Northeast Region   |
|          |                              | 011 (Maine)                   | 11                 |
|          |                              | 012 (New Hampshire)           | 11                 |
|          |                              | 013 (Vermont)                 | 11                 |
|          |                              | 014 (Massachusetts)           | New England Division |
|          |                              | 015 (Rhode Island)            | 11                 |
|          |                              | 016 (Connecticut)             | 11                 |
|          |                              | 021 (New York)                | Middle Atlantic Div.|
|          |                              | 022 (New Jersey)              | 12                 |
|          |                              | 023 (Pennsylvania)            | 12                 |
|          |                              | 031 (Ohio)                    | North Central Region |
|          |                              | 032 (Indiana)                 | 21                 |
|          |                              | 033 (Illinois)                | East North Central Division |
|          |                              | 034 (Michigan)                | 21                 |
|          |                              | 035 (Wisconsin)               | West North Central Division |
|          |                              | 041 (Minnesota)               | 22                 |
|          |                              | 042 (Iowa)                    | 22                 |
|          |                              | 043 (Missouri)                | 22                 |
|          |                              | 044 (North Dakota)            | 22                 |
|          |                              | 045 (South Dakota)            | 22                 |
|          |                              | 046 (Nebraska)                | 22                 |
|          |                              | 047 (Kansas)                  | 22                 |</p>
<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Transform from:</th>
<th>Recoding Operations</th>
<th>to:</th>
<th>Replicate Location</th>
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<td>275-277</td>
<td>R's Region of Birth (continued)</td>
<td>1960 Codes</td>
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<td>RGNBRT</td>
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<td>052 (Maryland)</td>
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<td>053 (District of</td>
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<td>South Atlantic Division</td>
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<td></td>
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<td>Columbia)</td>
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<td>054 (Virginia)</td>
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<td>055 (West Virginia)</td>
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<td>West South Central Division</td>
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<td>056 (North Carolina)</td>
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<td>083 (Wyoming)</td>
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<td>084 (Colorado)</td>
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<td>085 (New Mexico)</td>
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<td>086 (Arizona)</td>
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<td>088 (Nevada)</td>
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<td>091 (Washington)</td>
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<td>092 (Oregon)</td>
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<td>093 (California)</td>
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<td>1962 OCG-CPS Location</td>
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<td>Recoding Operations</td>
<td>1962-1973 Replicate Location</td>
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<td>275-277</td>
<td>R's Region of Birth (continued RGNBRT)</td>
<td>Transform from: 1960 Codes</td>
<td>to: 00 U.S., State NA 90 91 Not U.S. 99=NA</td>
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<td>435-436</td>
<td>Nativity and Parentage of R NATORX</td>
<td>Transform from: 0-11</td>
<td>to: 0-11 99</td>
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<td>409</td>
<td>Father's Education EDR6F</td>
<td>Transform from: 0-9</td>
<td>to: 0-9 9=NA; OCG noninterview</td>
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<td>285</td>
<td>Place of Residence at Age 16 RSD16</td>
<td>Transform from: 0-5</td>
<td>to: 1-6 9</td>
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<td>311-312, 309-310</td>
<td>Number of Older Brothers BROOL</td>
<td>Transform from: 1. 0-9 2. If Char. 311-312 = 10 309-310 &lt; 9 and Char. 311-312 = 9 3. If Char. 311-312 = 10 and Char. 309-310 = 10 4. If Char. 309-310 &lt; 9 and Char. 311-312 &gt; 9 and Char. 311-312 &gt; Char. 309-310</td>
<td>to: 00-09 (see 4. below) 00 99 Use Char. 309-310</td>
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<tr>
<td>305-306, 307-308</td>
<td>Number of Older Sisters SISOL</td>
<td>Analogous to BROOL (150-151)</td>
<td>152-153</td>
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<td>Location</td>
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<td>314-315</td>
<td>Educational Attainment Oldest Brother EDRXOB</td>
<td>Transform from: 00 1-8 9=NA; No older brother lived to 25; OCG noninterview</td>
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<td>School Enroll-ment--March 1962 EDNROLL</td>
<td>Encode all cases as 9=NA</td>
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<td>Educational Attainment (OCG report) EDY7X</td>
<td>Encode all cases as 99=NA</td>
<td>156-157</td>
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<tr>
<td>302-304,</td>
<td>Age at First Job AGEX1</td>
<td>Transform from: 01-65 100, NA 99 Must be less than or equal to R's age</td>
<td>158-159</td>
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<tr>
<td>95-96</td>
<td></td>
<td>to: 01-65</td>
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<td>362-365</td>
<td>Occupation-First Job OCD6X1</td>
<td>Recode as OCD6F (54-56)</td>
<td>160-162</td>
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<td>366-369</td>
<td>Industry-First Job IND6X1</td>
<td>Recode as IND6F (57-59)</td>
<td>163-165</td>
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<td>370</td>
<td>Class of Worker-- First Job CWR6X1</td>
<td>Transform from: 0-3 1-4 9=NA; OCG noninterview</td>
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<td>371-373</td>
<td>SEI-First Job SEI6X1</td>
<td>Transform from: 00-96 99, NA 99=NA; OCG noninterview</td>
<td>167-168</td>
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<td>162 OCG-CPS Location</td>
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<td>1962-1973 Replicate Location</td>
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<td>Siegel Prestige Score-First Job SGL6X1</td>
<td>Construct as SGL6F (63-65) 000-999</td>
<td>169-171</td>
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<td>350-353</td>
<td>Current Occupation OCD6X</td>
<td>Recode as OCD6F (54-56)</td>
<td>172-174</td>
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<td>354-357</td>
<td>Current Industry IND6X</td>
<td>Recode as IND6F (57-59)</td>
<td>175-177</td>
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<td>Current Class of Worker CWR6X</td>
<td>Transform from: 0-3 1-4 9=NA; OCG noninterview</td>
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<td>359-361</td>
<td>SEI Score-Current Occupation</td>
<td>Transform from: 00-96 99=NA, never worked, not in ECLF</td>
<td>179-180</td>
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<td>452-453</td>
<td>Group II Occupation -- First Job OCS6X1</td>
<td>Same as OCS6X (184-185)</td>
<td>186-187</td>
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</table>

For cases in ELF (UVELF=1) and coded 999 OCD6X (172-174), code SEI6X (179-180) as 19 and SGL6X (181-183) as 570.
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<th>1962 OCG-CPS Location</th>
<th>Description</th>
<th>Recoding Operations</th>
<th>1962-1973 Replicate Location</th>
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<td>454-455</td>
<td>Group II Occupation -- Father OCS6F</td>
<td>Same as OCS6X (184-185)</td>
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<td>Group II Occupation -- Wife's Father OCS6WF</td>
<td>Construct as OCS6X (184-185)</td>
<td>190-191</td>
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<td>Group II Occupation -- 1962 Occupation OCS6X2</td>
<td>Construct as OCS6X (184-185)</td>
<td>192-193</td>
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<td>Working in 1962 WRK62</td>
<td>If UVELFX = 1 transform to 1 otherwise transform to 2</td>
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<td>1962 or 1973 Report Occupation March 1962 OCD6X2</td>
<td>Same as OCD6X (172-174)</td>
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<td>1962 or 1973 Report Industry March 1962 IND6X2</td>
<td>Same as IND6X (175-177)</td>
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<td>1962 or 1973 Report Class of Worker March 1962 CWR6X2</td>
<td>Same as CWR6X (178)</td>
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<td>1962 Occupation SEI6X2</td>
<td>Construct as SEI6F (61-62). For cases working in 1962</td>
<td>203-203</td>
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<td>(WRK62 (194) = 1) and coded 999 on OCD6X2 (195-197), code SEI6X2 (202-203) as 19 and SGL6X2 (204-206) as 570.</td>
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<td>1962 OCG-CPS Location</td>
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<td>1962-1973 Replicate Location</td>
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<td>Seigel Prestige Score-1962</td>
<td>Construct as SGL6F (63-65)</td>
<td>204-206</td>
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<td>Occupation SGL6X2</td>
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<td>13</td>
<td>Veteran Status VETNOW2</td>
<td>Transform from: 0 1 2</td>
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<td>to: 1 W.W. II Vet</td>
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<td>2 Not W.W. II Vet</td>
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<td>9</td>
<td></td>
</tr>
<tr>
<td>129</td>
<td>Marital Status MARSTA</td>
<td>Transform from: 0-6 9=NA</td>
<td>208</td>
</tr>
<tr>
<td></td>
<td></td>
<td>to: 1-7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9=NA</td>
<td></td>
</tr>
<tr>
<td>288</td>
<td>Now Married? HARNOW</td>
<td>Transform from: 0-1 2=NA; OCG noninterview</td>
<td>209</td>
</tr>
<tr>
<td></td>
<td></td>
<td>to: 1-2</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>2 = NA; OCG noninterview</td>
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</tr>
<tr>
<td>45</td>
<td>Married More Than Once?</td>
<td>Transform from: 0 1 2</td>
<td>210</td>
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<tr>
<td></td>
<td>MARGTL</td>
<td>to: 1 No</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>2 Yes</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9 NA; never married; OCG noninterview</td>
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</tr>
<tr>
<td>316, 317-319, 95-96</td>
<td>Age at First Marriage AGEXM</td>
<td>Transform from: If Char. 316 &lt; 2:</td>
<td>211-212</td>
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<tr>
<td></td>
<td></td>
<td>00-30 14-44 = age in single years</td>
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<tr>
<td></td>
<td></td>
<td>31 45 = 45+ years</td>
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<td></td>
<td>If Char. 316 = 2 or NA:</td>
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</tr>
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<td></td>
<td>99 = NA; OCG noninterview</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>(Must be &lt; R's age.)</td>
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</tr>
<tr>
<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td>1962-1973 Replicate Location</td>
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<tr>
<td>----------</td>
<td>----------------------</td>
<td>--------------------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>129</td>
<td>Marital Status-CPS Report</td>
<td>Transform from: 0 to: 1 1, 2, 5 2 3, 4 3 6 4 9 9</td>
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</tr>
<tr>
<td></td>
<td>MARMAR</td>
<td>(If Char. 234 = 0, code 214-299 as 9...9 (all wife data))</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Sex of Person SSEXW</td>
<td>Transform from: 0 to: 1 1 2 Female 2 1 3 Female 3 2</td>
<td>214</td>
</tr>
<tr>
<td>18, 20</td>
<td>Experienced Labor Force UVELFW</td>
<td>Combine career, recode If Char. 18 = 0, 1 1 Char. 18 = 2 and Char. 20 = 1 1 Otherwise 0</td>
<td>215</td>
</tr>
<tr>
<td>18, 124</td>
<td>Civilian Labor Force UVCLFW</td>
<td>Transform from: If Char. 124 = 0 1 and Char. :18 = 0, 1, 2 0 Char. 18 = 3 0</td>
<td>216</td>
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<td>95-96</td>
<td>Age AGEW</td>
<td>Transfer Untransformed</td>
<td>217-218</td>
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<td>95-96</td>
<td>Age Recode AGE5W</td>
<td>Transform from: 14-19 9 20-24 0 25-29 1 30-34 2 35-39 3 40-44 4</td>
<td>219</td>
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<td>Location</td>
<td>Description</td>
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<td>95-96</td>
<td>Age Recode (continued)</td>
<td>Transform from:</td>
<td>to:</td>
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<td><strong>AGE5W</strong></td>
<td>45-49</td>
<td>5</td>
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<td>50-54</td>
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<td>55-59</td>
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<td>60-64</td>
<td>8</td>
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<td></td>
<td></td>
<td>65-99</td>
<td>9</td>
</tr>
<tr>
<td>95-96</td>
<td>Cohort</td>
<td>Transform from:</td>
<td>to:</td>
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<td><strong>CHT5W</strong></td>
<td>14-19</td>
<td>9</td>
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<td>20-24</td>
<td>1</td>
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<td>25-29</td>
<td>2</td>
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<td></td>
<td></td>
<td>30-34</td>
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<td>35-39</td>
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<td>40-44</td>
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<td>45-49</td>
<td>6</td>
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<tr>
<td></td>
<td></td>
<td>50-54</td>
<td>7</td>
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<td>55-99</td>
<td>9</td>
</tr>
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<td>9</td>
<td>Race</td>
<td>Transform from:</td>
<td>to:</td>
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<td><strong>RACEW</strong></td>
<td>0</td>
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<td></td>
<td>1</td>
<td>2</td>
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<tr>
<td></td>
<td></td>
<td>2</td>
<td>3</td>
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<td><strong>White</strong></td>
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<td><strong>Other</strong></td>
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<td>386-389</td>
<td>Father's Occupation</td>
<td>Transform from:</td>
<td>to:</td>
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<td><strong>OCD5WF</strong></td>
<td>000-994</td>
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<td>995-1000</td>
<td>999=NA (incl. OCG noninterview)</td>
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<td>390-393</td>
<td>Father's Industry</td>
<td>Transform from:</td>
<td>to:</td>
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<td><strong>IND6WF</strong></td>
<td>000-936</td>
<td>000-936</td>
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<td></td>
<td>937-1000</td>
<td>999=NA, incl. OCG noninterview</td>
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<td>394</td>
<td>Father's Class of Worker</td>
<td>Transform from:</td>
<td>to:</td>
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<td><strong>CVR6WF</strong></td>
<td>0-3</td>
<td>1-4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>else</td>
<td>9=NA or blank, incl. OCG noninterview</td>
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<tr>
<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td>1962-1973 Replicate Location</td>
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<tr>
<td>395-397</td>
<td>Father's SEI Score</td>
<td>Transform from: 00-96, 99, NA to: 00-96, 99=NA, etc. incl. OCG noninterview</td>
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<td>SEI6WF</td>
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<td>Siegel Prestige Score Wife's Father Occupation</td>
<td>Construct as SGL6F (63-65)</td>
<td>231-233</td>
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<td>SGL6WF</td>
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<td>327-328, 329-330</td>
<td>Total Siblings</td>
<td>Same as SIBX (66-67)</td>
<td>234-235</td>
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<td>SIBW</td>
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<td></td>
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<td>329-330</td>
<td>Number of Sisters</td>
<td>Transform from: 00-08, 9, 10, NA to: 00-08, 09 or more, 99=NA; incl. OCG noninterview</td>
<td>236-237</td>
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<td></td>
<td>SISW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>327-328</td>
<td>Number of Brothers</td>
<td>Transform as SISW (236-237)</td>
<td>238-239</td>
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<td>BROW</td>
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<td>326</td>
<td>Living with Father at Age 16</td>
<td>Transform from: 0, 1, NA to: 1, 2, 9</td>
<td>240</td>
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<td>LIVFW</td>
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<td>construct</td>
<td>Nonfarm Background</td>
<td>Transform from: 0200, 0222, 0901-0905, 0000-0199, 0223-0900, 0906-0994, 0995-1000, NA to: 1, 2, 9</td>
<td>241</td>
</tr>
<tr>
<td>386-389</td>
<td>FRNORW</td>
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<td></td>
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<td>1962 OCG-CPS Location</td>
<td>Description</td>
<td>Recoding Operation</td>
<td>1962-1973 Replicate Location</td>
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<tr>
<td>------------------------</td>
<td>--------------------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
<td>-----------------------------</td>
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<tr>
<td>205-207</td>
<td>Educational Attainment Recode EDR6W</td>
<td>Recode as EDR6X</td>
<td>242</td>
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<tr>
<td>41-42</td>
<td>Current Occupation OCI6W</td>
<td>Transform from: 00-05 06 07-27 28-31 32-33 34-36 37, ⚫⚫ to: 01-06 35 07-27 31-34 36-37 28-30 99 = Not employed or experienced unemployed, i.e. not ECLF</td>
<td>245-246</td>
</tr>
<tr>
<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td>1962-1973 Replicate Location</td>
</tr>
<tr>
<td>----------</td>
<td>------------------------------</td>
<td>---------------------------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>35-36</td>
<td>Current Industry</td>
<td>Transform from: 00-43 44, 99 to: 01-44 99= Not employed or experienced unemployed, i.e. not ECLF</td>
<td>247-248</td>
</tr>
<tr>
<td></td>
<td>INIGW</td>
<td></td>
<td></td>
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<tr>
<td>46</td>
<td>Current Class of Worker</td>
<td>Transform from: 0-3 9 to: 1-4 9=NA, not in civilian labor force</td>
<td>249</td>
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<tr>
<td></td>
<td>CWC6W</td>
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<tr>
<td>18, 20, 124</td>
<td>Current Employment Status</td>
<td>Same as EMSTAX (82)</td>
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<td>EMSTAW</td>
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<tr>
<td>31-33</td>
<td>Hours worked</td>
<td>Transform from: 01-99 100, 999 to: 001-099 999=NA; not working</td>
<td>251-253</td>
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<tr>
<td></td>
<td>Last Week</td>
<td></td>
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<td></td>
<td>WRHRSW</td>
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<tr>
<td>15-17</td>
<td>Activity</td>
<td>Same as ESRX (86)</td>
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<td>(employment status) Last</td>
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<td></td>
<td>Week ESRW</td>
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<tr>
<td>181</td>
<td>Weeks Worked</td>
<td>Transform from: 0-6 9 to: 1-7 9=NA; not in Feb/March 1962 match</td>
<td>255</td>
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<tr>
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<td>Last Year</td>
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<td>WR5KSW</td>
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<tr>
<td>186</td>
<td>Full-Part-time</td>
<td>Transform from: 2 3 9 to: 1 2 9=NA; not Feb/March 1962 match; not full-part year workers</td>
<td>256</td>
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<td>FPTIMW</td>
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<td>Location</td>
<td>Description</td>
<td>Recoding Operation</td>
<td>1962-1973 Replicate Location</td>
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<tr>
<td>----------</td>
<td>-------------</td>
<td>--------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>58-60</td>
<td>Weeks Unemployed Transform from: 00-99 100, 999 999=NA; not unemployed</td>
<td>to: 000-099</td>
<td>257-259</td>
</tr>
<tr>
<td></td>
<td>Transform from: 100, 999</td>
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<td>N.B. ESR-3</td>
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<tr>
<td>189-190</td>
<td>Occupation of Longest Job OCL6WL</td>
<td>Transform from: 00-24 99=NA; not Feb/March 1962 match</td>
<td>260-261</td>
</tr>
<tr>
<td>187-188</td>
<td>Industry of Longest Job INI6WL</td>
<td>Transform from: 00-43 99=NA; not Feb/March 1962 Match; not ECLF</td>
<td>262-263</td>
</tr>
<tr>
<td></td>
<td>Transform from: 44, 99</td>
<td>to: 1-4 9=NA; not Feb/March 1962 Match</td>
<td>264</td>
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<td>Class of Worker of Longest Job CWC6WL</td>
<td>Transform from: 0-3 9=NA; not in Feb/March 1962 Match</td>
<td>265</td>
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<td>120-123</td>
<td>Income Allocation ALWGW ALSEW ALSFW ALOTRW</td>
<td>Transform from: 0-1 9=NA; not in Feb/March 1962 Match</td>
<td>266</td>
</tr>
<tr>
<td>133-130</td>
<td>Wage/Salary Income YWGD7W</td>
<td>Transform from: (-99999) - (999998) 999999=NA; in rotation group 4 and 8</td>
<td>269-274</td>
</tr>
<tr>
<td>139-144</td>
<td>Self-employed Nonfarm Income YSED7W</td>
<td>Transform as YWGD7W (269-274)</td>
<td>275-280</td>
</tr>
<tr>
<td>145-150</td>
<td>Self-employed Farm Income YSPD7W</td>
<td>Transform as YWGD7W (269-274)</td>
<td>281-286</td>
</tr>
<tr>
<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td>1962-1973 Replicate Location</td>
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<td>--------------------------------------</td>
<td>------------------------------</td>
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<tr>
<td>151-156</td>
<td>Unearned Income</td>
<td>Transform as YWGD7W (269-274)</td>
<td>287-292</td>
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<td>YOTD7W</td>
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<td>157-162</td>
<td>Total Income</td>
<td>Transform as YWGD7W (269-274)</td>
<td>293-298</td>
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<td>YND7W</td>
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<td>173</td>
<td>Feb/March Match</td>
<td>Transform from:</td>
<td>299</td>
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<td>MATCHW</td>
<td>to:</td>
<td></td>
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<tr>
<td></td>
<td>0</td>
<td>1 = Match</td>
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</tr>
<tr>
<td></td>
<td>1</td>
<td>0 = Nonmatch</td>
<td></td>
</tr>
<tr>
<td></td>
<td>μ</td>
<td>9 = NA</td>
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<tr>
<td>234</td>
<td>Wife Data Present</td>
<td>Transfer untransformed</td>
<td>300</td>
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<tr>
<td>COUPLE</td>
<td></td>
<td>1 - males coded as MSP and wife data present</td>
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</tr>
<tr>
<td></td>
<td>0 - otherwise</td>
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</tbody>
</table>
APPENDIX B

Recoding Operations to be Performed on 1973 CPS-OCG Merged Tape
and Localization on Output Tape, "1962-1973 Replicate Tape"

<table>
<thead>
<tr>
<th>1973 OCG-CPS Location</th>
<th>Description</th>
<th>Recoding Operations</th>
<th>1962-1973 Replicate Location</th>
</tr>
</thead>
</table>
| 1-5; 7-10; 25-26; 88-89 (male files only) | IDNO               | Create 11-digit identifier from Random Cluster Code
(Char. 1-5), Segment No. (Char 7-10), and Line No. (Char. 88-89). | 1-13                          |

| Year of Survey         | ITVYR              | Create:
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<tbody>
<tr>
<td></td>
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<td>1 1962</td>
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<td></td>
<td>2 1973</td>
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<table>
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<th>Supplement Flag</th>
<th>SUPPLG</th>
<th>Transfer untransformed</th>
<th>15</th>
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<td>1027-1038</td>
<td>Weight CPS WGTCPs</td>
<td>Transfer untransformed</td>
<td>16-23</td>
</tr>
<tr>
<td>1003-1014</td>
<td>Weight OCG WGTPRM</td>
<td>Transfer untransformed</td>
<td>24-31</td>
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<tr>
<td>1015-1026</td>
<td>Weight OCG (ALT)</td>
<td>Transfer untransformed</td>
<td>32-37</td>
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<td>WGTALT</td>
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<td>1973 OCG-CPS Location</td>
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<td>1962-1973 Replicate Location</td>
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<td>-----------------------</td>
<td>------------------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
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<tr>
<td>811</td>
<td>OCG Interview/Non-interview</td>
<td><strong>Transform from:</strong> Interview 1 Non-interview 2-6, ¥ 0</td>
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<td></td>
<td>ITVSTA</td>
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<td>16</td>
<td>Region of Current Residence RGN</td>
<td>No transformation required; using 1973 classification.</td>
<td>41</td>
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<tr>
<td>29-30</td>
<td>SMSA of Current Residence SMSA</td>
<td><strong>Transform</strong> (Not in selected SMSA universe.)</td>
<td>42-43</td>
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<tr>
<td></td>
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<td>(99 to be assigned to all cases not covered below.)</td>
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<tr>
<td></td>
<td></td>
<td>¥¥ 99</td>
<td></td>
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<td></td>
<td>New York 01</td>
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<td>Los Angeles-Long Beach 02 04</td>
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<td>Chicago 03</td>
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<td>Philadelphia 04</td>
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<td>Detroit 05</td>
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<td>San Francisco-Oakland 06 06</td>
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<td>Boston 08</td>
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<td>Nassau-Suffolk, N.Y. 09 ¥1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pittsburgh 10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>St. Louis 11</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Washington, D. C. 07 11</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cleveland 13</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Newark 15</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Baltimore 12</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Minneapolis-St. Paul 16 14</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Houston 14</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Milwaukee 20</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Seattle-Everett 18</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Anaheim-Santa Ana-Garden Grove 19 99</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dallas 17</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>¥1 other SMSA 21</td>
<td>99</td>
</tr>
<tr>
<td>1973 OCG-CPS Location</td>
<td>Description</td>
<td>Recoding Operation</td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------------------------------</td>
<td>------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>29-30</td>
<td>SMSA of Current Residence (continued) SMSA</td>
<td>1. If Char. 29 is blank, the case is not in an SMSA.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. If Char. 29 is 2-9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>a. and if the random cluster code is 1700, 2000, 2300, 3400, 3800, 3900, 4801 or 5201, then the first digit is 1.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>b. for all other random cluster codes, the first digit is 0.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. If Char. 29 is 1,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>a. and the random cluster code is any of the following, the first digit is 0: 600, 1500, 1104, 202, 1401 or 1600.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>b. and the random cluster code is 2200 or 2803, the first digit is 1.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>c. and the random cluster code is otherwise, the first is 2.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. If Char 29 is 0 and</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>a. the random cluster code is 800, the first digit is 1.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>b. all else, first digit is 2.</td>
<td></td>
</tr>
</tbody>
</table>

| 41                    | SMSA Status Code LVSMSA          | No transformation required, using 1973 classification                              |

| 29-30, 41, 227        | Size of Current Residence SZRSD | Transform from:                                                                     |
|                       |                                 | to:                                                                                |
|                       |                                 | 1-6 in 29-30, 1 in 41                                                               |
|                       |                                 | 1-6 in 29-30, 2 in 41                                                               |
|                       |                                 | 7-17 in 29-30, 1 in 41                                                              |
|                       |                                 | 7-17 in 29-30, 2 in 41                                                              |
|                       |                                 | 18-21 in 29-30, 1 in 41                                                             |
|                       |                                 | 18-21 in 29-30, 2 in 41                                                             |
|                       |                                 | 3 in 41, 1 in 227                                                                  |
|                       |                                 | 3 in 41, 2 in 227                                                                  |
|                       |                                 | 3 in 41, 3 in 227                                                                  |
|                       |                                 | 9                                                                                    |

<p>| 95                    | Sex of Person (Male) SEXXX       | Transform from:                                                                     |
|                       |                                 | to:                                                                                |
|                       |                                 | Male 1                                                                              |
|                       |                                 | 2                                                                                    |</p>
<table>
<thead>
<tr>
<th>1973 OCG-CPS Location</th>
<th>Description</th>
<th>Recoding Operation</th>
<th>1962-1973 Replication Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>132</td>
<td>Experienced Labor Force</td>
<td>Transform from: 0 1 2 to: 0 1 1 ELF</td>
<td>47</td>
</tr>
<tr>
<td>130</td>
<td>Civilian Labor Force</td>
<td>Transform from: 3 4 to: 1 0</td>
<td>48</td>
</tr>
<tr>
<td>91-92</td>
<td>Age AGEX</td>
<td>Exact age 20-65</td>
<td>49-50</td>
</tr>
<tr>
<td>91-92</td>
<td>Age Recode AGE5X</td>
<td>Transform from:</td>
<td>51</td>
</tr>
<tr>
<td></td>
<td></td>
<td>14-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-99</td>
<td>9 0 1 2 3 4 5 6 7 8 9</td>
</tr>
<tr>
<td>91-92</td>
<td>Cohort CHT5X</td>
<td>Transform from:</td>
<td>52</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not in intracohort universe</td>
<td>9 1 2 3 4 5 6 7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not in intra cohort universe</td>
<td>66-99 9</td>
</tr>
<tr>
<td>1973 OCG-CPS Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td>1962-1973 Replicate Location</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------------------</td>
<td>--------------------------------------------------------------------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>94</td>
<td>Race RACEX</td>
<td>No alteration</td>
<td>53</td>
</tr>
<tr>
<td>871-873</td>
<td>Father's Occupation</td>
<td>Transform from: 000-994, 995-999, ( \uparrow ) to: 000-994, 999=NA, includes OCG noninterview</td>
<td>54-56</td>
</tr>
<tr>
<td>859-861</td>
<td>Father's Industry IND6F</td>
<td>Transform from: 000-936, 937-999, ( \uparrow ) to: 000-936, 999=NA, includes OCG noninterview</td>
<td>57-59</td>
</tr>
<tr>
<td>877</td>
<td>Father's Class of Worker CWR6F</td>
<td>Transform from: 1, 4, 2, 3, 5, ( \uparrow ) to: 1, 2, 3, 4, 9=NA, includes OCG noninterview</td>
<td>60</td>
</tr>
<tr>
<td>45</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>877</td>
<td>Father's SEI Score SEI6F</td>
<td>Construct using transformed information on OCD6F (54-56), IND6F (57-59), CUR6F (60) and Duncan Mimeo 1960-basis system 00-96, 99=NA, etc., includes OCG noninterview</td>
<td>61-62</td>
</tr>
<tr>
<td>877</td>
<td>Siegel Prestige Score-Father's Occupation SGL6F</td>
<td>Construct as SEI6F (61-62), using OCD6F (54-56), IND6F (57-59), 000-999 (with one implied decimal place) CWR6F (60), and Table 5 in Siegel, Prestige in the American Occupation Structure</td>
<td>63-65</td>
</tr>
<tr>
<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>---------------------</td>
<td></td>
</tr>
<tr>
<td>839-840; 843-844</td>
<td>Total Sibs SIBX</td>
<td>1. For Char. 839-840 = ¥ and Char. 843-844 ≠ ¥, Use Char. 843-844: Transform from: to: 0-9 00-09 10 09 2. For Char. 843-844 = ¥ and Char. 839-840 ≠ ¥, Use Char. 839-840: Transform from: to: 0-9 00-09 10 09 3. For Char. 843-844, Char. 839-840 both = ¥, Use 99 4. Otherwise sum Char. 839-840 and Char. 843-844: Transform sum from: to: 0-9 00-09 10+ 09</td>
<td></td>
</tr>
<tr>
<td>839-840</td>
<td>Number Sisters SISX</td>
<td>Transform from: to: 0 00 1-8 01-08 9, 10 09 ¥¥ 99</td>
<td></td>
</tr>
<tr>
<td>843-844</td>
<td>Number Brothers BROX</td>
<td>Transform from: to: 0 00 1-8 01-08 9, 10 09 ¥¥ 99</td>
<td></td>
</tr>
<tr>
<td>1973 OCG-CPS Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td>1962-1973 Replicate Location</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
<td>------------------------------</td>
</tr>
</tbody>
</table>
| 853-854               | Living with Parents at Age 16    | Create from:  
Char 853 = 1  
Char 853 = 2  
and Char 854 = 1-4  
Char 853 = 9  
or Char 853 = 2  
and Char 854 = 9  
0 = NA, includes OCG noninterview | 72                           |
| 871-873               | Nonfarm Background               | Transform from:  
200,222,901-905  
000-199,223-900,906-994  
995-999,9  
1 = Farm  
0 = Nonfarm  
9 = NA | 73                           |
| 231                   | Educational Attainment Recode EDR6X | Transform from:  
1-9  
9 = NA | 74                           |
| 229-230               | Educational Attainment-CPS EDCPX  | Transform from:  
01-18  
99 = NA | 75-76                         |
| 179-180               | Current Occupation OCI6X          | Transform from:  
00  
01-37  
99 = NA | 77-78                         |
| N.B.: *For all cases in ECLF  
*For all cases not in ECLF, encode 99=not in ECLF | 79-80                         |
| 175-176               | Current Industry INI6X            | Transform from:  
00  
01  
02-15  
16,19,22,23,24  
17-18  
99 = NA | 79-80                         |
<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Recoding Operations</th>
<th>Replicate Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>175-176</td>
<td>Current Industry INIGX</td>
<td>Transform from:</td>
<td>79-80</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20, 21, 25-31, 32, 33, 33-36, 37-43, 44, 45-48</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>to:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>19, 20, 22-28, 33, 29-32, 34-40, 02, 41-44</td>
<td></td>
</tr>
</tbody>
</table>

**N.B.:** *For all cases in ECLF*

- 99

*For all cases not in ECLF, encode constant 99 = Not in ECLF.

<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Recoding Operations</th>
<th>Replicate Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>171-172</td>
<td>Class of Worker CWC6X</td>
<td>Transform from:</td>
<td>81</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01, 05, 02, 06, 03, 07, 04, 08, 00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>to:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1, 2, 3, 4, 9=NA; not in ECLF</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Recoding Operations</th>
<th>Replicate Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>130,132</td>
<td>Employment Status EMSTAX</td>
<td>Create from:</td>
<td>82</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Char 130 = 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Char 130 =3 &amp; Char 132 = 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Char 132 = 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Char 132 = 1</td>
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</tbody>
</table>

**N.B.:** For ESR-1.

<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Recoding Operations</th>
<th>Replicate Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>44-45</td>
<td>Hours Worked Last Week WRHRSX</td>
<td>Transform from:</td>
<td>83-85</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01-99</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>999=NA, not working</td>
<td></td>
</tr>
</tbody>
</table>

*ESR 2-7*

**N.B.:** For ESR-1.

<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Recoding Operations</th>
<th>Replicate Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>Activity (Employment Status) Last Week ESRX</td>
<td>Transform from:</td>
<td>86</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1-7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9 = NA</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td>Replicate Location</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>---------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>193</td>
<td>Weeks Worked Last Year WKWSX</td>
<td>Transform from: 1-7 9 = NA</td>
<td>87</td>
</tr>
<tr>
<td>201</td>
<td>Full-time/ Part-time FPTIMX</td>
<td>Transform from: 1-2 9 = NA; not full/part year workers</td>
<td>88</td>
</tr>
<tr>
<td>60-61</td>
<td>Weeks Unemployed WKNEMX</td>
<td>Transform from: 00-99 999 = NA; not unemployed (ESR-1,2,4-7)</td>
<td>89-91</td>
</tr>
<tr>
<td>209-210</td>
<td>Occupation of Longest Job OCL6XL</td>
<td>Transform from: 99 = Never worked, NA</td>
<td>92-93</td>
</tr>
</tbody>
</table>

*N.B.: For full/part year workers*
<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Recoding Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>207-208</td>
<td>Industry of Longest Job</td>
<td>*N.B.: For full/part year workers</td>
</tr>
<tr>
<td></td>
<td>INI6XL</td>
<td>Transform from:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>00, 01, 02-15, 16, 19, 22-24, 17-18, 20, 21, 25-31, 32, 33-36, 37-43, 44, 45-48</td>
</tr>
<tr>
<td>204</td>
<td>Class of Worker of Longest Job</td>
<td>Transform from:</td>
</tr>
<tr>
<td></td>
<td>CWN6XL</td>
<td>1-4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9 = NA; not full/part year workers</td>
</tr>
<tr>
<td>494-501</td>
<td>Income Allocation</td>
<td>Transform 494-496 from:</td>
</tr>
<tr>
<td>494</td>
<td>ALMGX</td>
<td>1</td>
</tr>
<tr>
<td>495</td>
<td>ALSEX</td>
<td>0</td>
</tr>
<tr>
<td>496</td>
<td>ALSFX</td>
<td>If any of 497-501 is coded 1, encode ALOTRX = 1; otherwise ALOTRX = 0.</td>
</tr>
<tr>
<td>497-501</td>
<td>ALOTRX</td>
<td></td>
</tr>
<tr>
<td>241-246</td>
<td>Wage and Salary Income</td>
<td>Transform from:</td>
</tr>
<tr>
<td></td>
<td>YWGD7X</td>
<td>(-99999) → (999998)</td>
</tr>
<tr>
<td>247-252</td>
<td>Self-employed Nonfarm Income</td>
<td>Transform as YWGD7X (101-106)</td>
</tr>
<tr>
<td></td>
<td>YSED7X</td>
<td></td>
</tr>
<tr>
<td>253-258</td>
<td>Self-employed Farm Income</td>
<td>Transform as YWGD7X (101-106)</td>
</tr>
<tr>
<td></td>
<td>YSF7X</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>259-264</td>
<td>Unearned Income YOTD7X</td>
<td>Transform as YWGD7X (101-106)</td>
</tr>
<tr>
<td>235-240</td>
<td>Total Income YND7X</td>
<td>Transform as YWGD7X (101-106)</td>
</tr>
<tr>
<td>--</td>
<td>Feb/March Match MATCHX</td>
<td>Encode all cases as 9 in Char 131; 9 = NA; 1973 record</td>
</tr>
<tr>
<td>835-837</td>
<td>Paternal National Origin NATF</td>
<td>Transform from: 099 101,102 199,100,1 103-997 to: 998 099 999 103-997</td>
</tr>
<tr>
<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>BRTHF (continued)</td>
<td></td>
<td>206 160 207-209 000 210 147 211 141 212 171</td>
</tr>
</tbody>
</table>

101=Country spec., not on list
100=Country box checked, not spec.
108=includes at sea, abroad, of Amer. parents

<table>
<thead>
<tr>
<th>832-834</th>
<th>Mother's Place of Birth</th>
<th>BRTHM</th>
<th>Same as BRTHF (135-137)</th>
<th>138-140</th>
</tr>
</thead>
<tbody>
<tr>
<td>826-828</td>
<td>R's Place of Birth</td>
<td>BRTHX</td>
<td>Transform from: States (001-057) as follows:</td>
<td>141-143</td>
</tr>
</tbody>
</table>

- Alabama: 001 063
- Alaska: 002 094
- Arizona: 004 086
- Arkansas: 005 071
- California: 006 093
- Colorado: 008 084
- Connecticut: 009 016
- Delaware: 010 051
- District of Columbia: 011 053
- Florida: 012 059
- Georgia: 013 058
- Hawaii: 015 095
- Idaho: 016 082
- Illinois: 017 033
- Indiana: 018 032
- Iowa: 019 042
- Kansas: 020 047
- Kentucky: 021 061
- Louisiana: 022 072
<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Recoding Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRTHX (continued)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maine</td>
<td>023</td>
<td>011</td>
</tr>
<tr>
<td>Maryland</td>
<td>024</td>
<td>052</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>025</td>
<td>014</td>
</tr>
<tr>
<td>Michigan</td>
<td>026</td>
<td>034</td>
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<tr>
<td>Minnesota</td>
<td>027</td>
<td>041</td>
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<tr>
<td>Mississippi</td>
<td>028</td>
<td>064</td>
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<tr>
<td>Missouri</td>
<td>029</td>
<td>043</td>
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<td>Montana</td>
<td>030</td>
<td>081</td>
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<td>044</td>
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<tr>
<td>Ohio</td>
<td>039</td>
<td>031</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>040</td>
<td>073</td>
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Foreign (099-299) as per codes 099-299 in BRTHF and BRTHM (e.g. 099-101, 100-100, 102-108, 188-192, etc.)
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<tr>
<th>Location</th>
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<th>Replicate Location</th>
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<td>826-828;</td>
<td>Nativity and</td>
<td>Classify foreign born by country of birth (BRTHX);</td>
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<td>829-831;</td>
<td>Parentage of R</td>
<td>classify U.S. born by country of birth of father (BRTHF),</td>
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<td>832-834</td>
<td>NATORX</td>
<td>or if father was U.S. born, by country of birth of mother (BRTHM).</td>
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<td>If all U.S. born or NA, then classify by state of birth (BRTHX),</td>
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<td>1) If BRTHX is 101, 110-198, then</td>
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<td>transform BRTHX from:</td>
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<td>113,114</td>
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<td>110-112,115-121,138,139</td>
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<td>124-134,136,137,140-141</td>
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<td>161-185</td>
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<td>142-154,190-198,101-158</td>
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<td>2) If BRTHF is 101, 110-198, then transform BRTHF as above.</td>
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<tr>
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<td>3) If BRTHM is 101, 110-198, then transform BRTHM as above.</td>
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<td>4) If BRTHX is 000,011-095, 103-108, then transform</td>
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<td>from:</td>
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<td></td>
<td></td>
<td>051-059,061-064,071-074</td>
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<td></td>
<td>otherwise</td>
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<td>5) If BRTHX is 999,199,100,then set NATORX = 1.</td>
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<tr>
<td></td>
<td></td>
<td>6) If Char 826-828 = $&amp;, encode case 99=NA, OCG noninterview</td>
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</tbody>
</table>


<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Recoding Operations</th>
</tr>
</thead>
</table>
| 879-880  | Father's Education | Transform from:  
|          | EDR6F           | 0                   | 0                   |
|          |                 | 1-4                 | 1                   |
|          |                 | 5-7                 | 2                   |
|          |                 | 8                   | 3                   |
|          |                 | 9-11                | 4                   |

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<table>
<thead>
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<th>Location</th>
<th>Description</th>
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<th>1962-1973 Replicate Location</th>
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<tbody>
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<td>EDR6F (continued)</td>
<td>12, 5, 13-15, 6, 7, 16, 8, 17, 9 = NA; OCG noninterview</td>
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<tr>
<td>852</td>
<td>Place of Residence at Age 16</td>
<td>1, 1, 2, 3, 2, 4-7, 3-6, 9</td>
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<tr>
<td>843-844,845-846</td>
<td>Number of Older Brothers BROOL</td>
<td>1) 0-9 to 00-09, 10 to 09 (but see 4. below) 2) If Char 845-846 = ¥ and Char 843-844 ≠ ¥, BROOL = 0 3) If Char 845-846 = ¥ and Char 843-844 = ¥, BROOL = 99 4) If 10 &gt; Char 845-846 &gt; Char 843-844 &lt; 10, use Char 843-844: transform from: 0-9 to 00-09, 10 to 09</td>
<td></td>
</tr>
<tr>
<td></td>
<td>841-842, 839-840</td>
<td>Number of Older Sisters SISOL</td>
<td>Analogous to BROOL (150-151)</td>
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<td>149, 150-151, 152-153</td>
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</tr>
<tr>
<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td>1962-1973</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
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<td>-----------</td>
</tr>
<tr>
<td>848-849, 850,851</td>
<td>Educational Attainment Oldest Brother EDRXOB</td>
<td>Transform from: 00 01-04 05-07 08 09-11 12 13-15 16 17 $</td>
<td>to: 0 1 2 3 4 5 6 7 8 9=NA;no oldest brother; OCG noninterview</td>
</tr>
</tbody>
</table>

If Char 848-849 = $ and Char 850-851 $, then recode Char 850-851 as Char 848-849.

| 885-886 | Educational Attainment (OCG Report) EDY7X | Transform from: 00-17 $ | to: 0-17 99=NA or blank | 156-157 |

| 923-926 | Age at First Job AGEX1 | Create calendar program to generate ages, measured against March 1973, and falling into following categories: 01-65 99=NA;OCG noninterview | 158-159 |

If result is >Char 91-92, then set to 99=NA

| 916-918 | Occupation-First Job OCD6X1 | Recode as OCD6F (54-56) | 160-162 |

<p>| 907-909 | Industry-First Job IND6X1 | Recode as IND6F (57-59) | 163-165 |</p>
<table>
<thead>
<tr>
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<th>Replicate Location</th>
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<tr>
<td>922</td>
<td>Class of Worker- First Job</td>
<td>Transform from: 1-3 4 5 9 to: 1-3 1 4 9=NA; OCG noninterview</td>
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<tr>
<td>907-909,</td>
<td>SEI Score- First Job</td>
<td>Create as SEI6F (61-62) in 1973 file</td>
<td>167-168</td>
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<td>916-918,</td>
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<tr>
<td>922</td>
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</tr>
<tr>
<td>907-909,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>916-918,</td>
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<td>--</td>
<td>Siegel Prestige Score-First Job</td>
<td>000-999 Construct as SGL6F (63-65)</td>
<td>169-171</td>
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<td>Current Occupation OCD6X</td>
<td>Recode as OCD6F (54-56)</td>
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<td>814-816</td>
<td>Current Industry IND6X</td>
<td>Recode as IND6F (57-59)</td>
<td>175-177</td>
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<tr>
<td>171-172</td>
<td>Current Class of Worker</td>
<td>Transform from: 01,05 02,06 03,07 04,08 99 to: 1 2 3 4 9=NA; OCG noninterview (if Char 811#1)</td>
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<td>SEI-Current Occupation</td>
<td>*For ECLF only, create as SEI6F in 1973 file</td>
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<td>171-172</td>
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<td>*For not ECLF, encode 99</td>
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<td>*For cases in ELF (UVELF=1) and coded 99, code SEI6X as 19 and SGL6X as 570</td>
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<td>Siegel Prestige Score-Current Job</td>
<td>000-999 Construct as SGL6F (63-65)</td>
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<td>1962-1973 Replicate Location</td>
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<td>171-172, 814-816, 817-819</td>
<td>Group II-Occupation OCS6X</td>
<td>Create from:</td>
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<td>Char 817-819: 995-999</td>
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<tr>
<td>907-909, 916-918, 922</td>
<td>Group II Occupation-First Job OCS6X1</td>
<td>Create from:</td>
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<tr>
<td></td>
<td></td>
<td>Char 916-918: 000-195 and Char 922: 3,5</td>
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<tr>
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<td></td>
<td>Char 916-918: 000-195 and Char 922: 1,2,4,6</td>
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<td>Char 916-918: 250-290 and Char 922: 1,2,4,6</td>
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<td>Char 916-918: 250-290 and Char 922: 3,5</td>
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<td>Char 916-918: 380-395 and Char 907-909: 016-629,706-999</td>
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<td></td>
<td></td>
<td>Etc. as per OCS6X using proper Char for Occ. and Ind.</td>
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<tr>
<td>859-861, 871-873, 877</td>
<td>Group II Occupation-Father OCS6F</td>
<td>Create as per OCS6X1 (186-187) using proper Char for Occ, Ind., and Class of Worker</td>
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<td>188-189</td>
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<td>Construct as OCS6X (184-185)</td>
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<td>Construct as OCS6X (184-185)</td>
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<td></td>
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<td>192-193</td>
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<td>1962-1973 Replicate Location</td>
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<tr>
<td>948</td>
<td>Working in 1962 WRK62</td>
<td>Transform from: 1 to: 1 Yes, 2 No, 9 NA, blank</td>
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<tr>
<td>958-960</td>
<td>1962 or 1973 Report OCC March '62 OCD6X2</td>
<td>Recode as per OCD6F (54-56)</td>
<td>195-197</td>
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<tr>
<td>949-951</td>
<td>1962 or 1973 Report Ind March '62 IND6X2</td>
<td>Recode as per IND6F (57-59)</td>
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<td>1962 or 1973 Report Class of Worker March '62 CWR6X2</td>
<td>Recode as for CWR6F (60)</td>
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<td></td>
<td>1962 Occupation SEI6X2</td>
<td>Construct as SEI6F (61-62). For cases working in 1962 (WRK62=1) and coded 999 on OCD6X2 (195-197), code SEI6X2 (202-203) as 19 and SGL6X2 (204-206) as 570.</td>
<td>202-203</td>
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<td>Siegel Prestige Score-1962 Occupation SGL6X2</td>
<td>Construct as SGL6F (63-65)</td>
<td>204-206</td>
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<td>96</td>
<td>Veteran Status VETWW2</td>
<td>Transform from: 3 to: 1 W.W.II Vet, 2 Not W.W.II Vet, 9 NA</td>
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<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td>1962-1973 Replicate Location</td>
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<tr>
<td>232</td>
<td>Marital Status</td>
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<td>MARSTA</td>
<td>Transform from:</td>
<td>to:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
<td>7 never married (single)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>1 MSP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>6 MSA-separated</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>2 MSA-AF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
<td>3 MSA-other</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>4 Widowed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7</td>
<td>5 Divorced</td>
</tr>
<tr>
<td></td>
<td></td>
<td>¶</td>
<td>9 NA</td>
</tr>
<tr>
<td>971</td>
<td>Now married?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MARNOW</td>
<td>Transform from:</td>
<td>to:</td>
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<td></td>
<td></td>
<td>1-2</td>
<td>1-2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>¶</td>
<td>2 = NA; OCG noninterview</td>
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<tr>
<td>972</td>
<td>Married more than once?</td>
<td></td>
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<td></td>
<td>MARGT1</td>
<td>Transform from:</td>
<td>to:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
<td>1 No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>2 Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>¶</td>
<td>9 NA; OCG noninterview; never married</td>
</tr>
<tr>
<td>967-970</td>
<td>Age at First Marriage</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AGEX1M</td>
<td>Construct using three pieces of info:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Char 967-970, Char 91-92, and March, 1973 as date.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1) Calculate years (do not round to whole yrs.) between March 1973 and date of first marriage.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2) Subtract value in (1) from age in March 1973 (Char 91-92).</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3) Round difference in (2) to whole years.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4) Recode as per</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>14-44 = age in single yrs.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>45 = age 45+</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>99 = NA; OCG noninterview</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>If result &gt; R's age, then code as 99.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>If result &lt; 14, then code as 13.</td>
<td></td>
</tr>
<tr>
<td>93</td>
<td>Marital Status-CPS Report</td>
<td></td>
<td></td>
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<tr>
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<td>MARMAR</td>
<td>Transform from:</td>
<td>to:</td>
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<td></td>
<td></td>
<td>1-2</td>
<td>1 MSP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>2 MSA, include separated</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>3 Widowed or divorced</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
<td>4 Never married, single</td>
</tr>
<tr>
<td></td>
<td></td>
<td>¶</td>
<td>9 NA</td>
</tr>
<tr>
<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td>1962-1973 Location</td>
</tr>
<tr>
<td>----------</td>
<td>---------------------------</td>
<td>---------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>557</td>
<td>Sex of Person SEXW</td>
<td>Transform from:</td>
<td>214</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 2 Female</td>
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<tr>
<td></td>
<td></td>
<td><strong>NOTE:</strong> If (Char 557 ≠ 2), or (Char 232 ≠ 2) code cols 214-299 all as &quot;9&quot;.</td>
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<tr>
<td>586</td>
<td>Civilian Labor Force UVCLFW</td>
<td>Transform from:</td>
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<td></td>
<td>3 1</td>
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<td>4 0</td>
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<td>588</td>
<td>Experienced Labor Force UVELFW</td>
<td>Transform from:</td>
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<td>0 0</td>
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<tr>
<td></td>
<td></td>
<td>1 1 ELF</td>
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<tr>
<td></td>
<td></td>
<td>2 1 ELF</td>
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<tr>
<td>553-554</td>
<td>Age AGENW</td>
<td>Transfer untransformed</td>
<td>217-218</td>
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<td>553-554</td>
<td>Age Recode AGE5W</td>
<td>Transform from:</td>
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<td></td>
<td></td>
<td>14-19 9</td>
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<td>20-24 0</td>
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<td></td>
<td></td>
<td>25-29 1</td>
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<td></td>
<td></td>
<td>30-34 2</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>35-39 3</td>
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<td>40-44 4</td>
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<td>45-49 5</td>
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<td>50-54 6</td>
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<td></td>
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<td>55-59 7</td>
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<td></td>
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<td>60-64 9</td>
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<td></td>
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<td>65-99 9</td>
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<td>Location</td>
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<td>Recoding Operations</td>
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<td>--------------------------------------------------------------------------------------</td>
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<td>553-554</td>
<td>Cohort</td>
<td>Transform from: 14-30 to 9 Not in intra-cohort universe, 31-35 to 1 1937-1941, 36-40 to 2 1932-1936, 41-45 to 3 1927-1931, 46-50 to 4 1922-1926, 51-55 to 5 1917-1921, 56-60 to 6 1912-1916, 61-65 to 7 1907-1911, 66-99 to 9 Not in intra-cohort universe</td>
<td></td>
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<tr>
<td>556</td>
<td>Race</td>
<td>No alteration</td>
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<tr>
<td>988-990</td>
<td>Father's Occupation</td>
<td>Transform from: 000-994 to 000-994, 995-999 to 999=NA incl. OCG noninterview</td>
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<tr>
<td>979-981</td>
<td>Father's Industry</td>
<td>Transform from: 000-936 to 000-936, 937-999,99=NA incl. OCG noninterview</td>
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<td>995</td>
<td>Father's Class of Worker</td>
<td>Transform from: 1,4 to 1, 2 to 2, 3 to 3, 5 to 4, 9=NA, incl. OCG noninterview</td>
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</tr>
<tr>
<td>--</td>
<td>Father's SEI Score</td>
<td>Construct using 979-981 (OCG) - IND6WF (225-227), 988-990 (OCG) - OCD6WF (222-224), 995 (OCG) - CWR6WF (228) and Duncan mimeo 1960-basis systems: 00-96 99=NA, etc. incl. OCG noninterview</td>
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<td>--</td>
<td>Siegel Prestige Score-Wife's</td>
<td>Construct as SGL6F (63-65)</td>
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<td>Location</td>
<td>Description</td>
<td>Recoding Operations</td>
<td>1962-1973 Replicate Location</td>
</tr>
<tr>
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<td>973-974,</td>
<td>Total Siblings</td>
<td>Analogous to SIBX (66-67)</td>
<td>1973 OCG-CPS Location</td>
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<tr>
<td>975-976</td>
<td>SIBW</td>
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<td>234-235</td>
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<td>975-976</td>
<td>Number of Sisters</td>
<td>Transform from:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SISW</td>
<td>0-8</td>
<td>236-237</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9,10+</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9=9 or more</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9=NA incl. OCG noninterview</td>
<td></td>
</tr>
<tr>
<td>973-974</td>
<td>Number of Brothers</td>
<td>Transform from:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BROW</td>
<td>0-8</td>
<td>238-239</td>
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<tr>
<td></td>
<td></td>
<td>9,10+</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>9=9 or more</td>
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<tr>
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<td></td>
<td>9=NA incl. OCG noninterview</td>
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<td>Living with Father at Age 16</td>
<td>Transform from:</td>
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<td>LIVFW</td>
<td>977=1</td>
<td>240</td>
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<td></td>
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<td>977=9 or 977=2 and 978=9</td>
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<tr>
<td></td>
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<td>977=2 and 978=1</td>
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<tr>
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<td></td>
<td>977=2 and 978=2-4</td>
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<td>988-990</td>
<td>Nonfarm Background</td>
<td>Transform from:</td>
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<td>FRMORW</td>
<td>200,222,901-905</td>
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<td>000-199,223-900,906-994</td>
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<td>995-999,99</td>
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<td>0 Nonfarm</td>
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<td>9 NA</td>
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<td>Educational Attainment Recode</td>
<td>Transform from:</td>
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<td>EDR6W</td>
<td>01</td>
<td>242</td>
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<td></td>
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<td>02-05</td>
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<td>06-08</td>
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<td>Educational Attainment Components</td>
<td>Transform from:</td>
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<td>EDCPW</td>
<td>01-18</td>
<td>243-244</td>
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<tr>
<td></td>
<td></td>
<td>to: 00-17</td>
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<td>99 = NA</td>
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<tr>
<td>Location</td>
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<td>Recoding Operations</td>
<td>Replicate Location</td>
</tr>
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</tr>
<tr>
<td>973-974</td>
<td>Total Siblings SIBW</td>
<td>Analogous to SIBX (66-67)</td>
<td>234-235</td>
</tr>
<tr>
<td>975-976</td>
<td>Number of Sisters SISW</td>
<td>Transform from: 0-8 to: 00-08 9-9 or more 9=NA incl. OCG noninterview</td>
<td>236-237</td>
</tr>
<tr>
<td>975-976</td>
<td></td>
<td>9,10+</td>
<td></td>
</tr>
<tr>
<td>973-974</td>
<td>Number of Brothers BROW</td>
<td>Transform from: 0-8 to: 0-8 9-9 or more 9=NA incl. OCG noninterview</td>
<td>238-239</td>
</tr>
<tr>
<td>977-978</td>
<td>Living with Father at Age</td>
<td>Transform from: 977=1 to: 1 977=0 or 977=2 and 978=9 977=2 and 978=1 977=2 and 978=2-4</td>
<td>240</td>
</tr>
<tr>
<td>988-990</td>
<td>Nonfarm Construct Background</td>
<td>Transform from: 200,222,901-905 to: 1 Farm 000-199,223-900,906-994 995-999,9= 0 Nonfarm</td>
<td>241</td>
</tr>
<tr>
<td>988-990</td>
<td></td>
<td>9=NA NA</td>
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<tr>
<td>676-677</td>
<td>Educational Attainment Recode</td>
<td>Transform from: 01 to: 0 02-05 06-08 09 10-12 13 14-16 17 18 9=NA</td>
<td>242</td>
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<tr>
<td>676-677</td>
<td>Educational Attainment-Components</td>
<td>Transform from: 01-18 to: 00-17 99 = NA</td>
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<td>Description</td>
<td>Recoding Operations</td>
<td>1962-1973</td>
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<td>OCL6WL (continued)</td>
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<td>22,23,27</td>
<td>19</td>
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<td>24-25</td>
<td>17</td>
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<td>Industry of Longest Job</td>
<td>For full/part year workers transform from:</td>
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<td>Class of Worker of Longest Job</td>
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<td>9=NA;not full/part year worker</td>
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<td>Income Allocation</td>
<td>Transform 800-802 from:</td>
<td>to:</td>
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<td>800</td>
<td>ALNGW</td>
<td>1</td>
<td>1 = allocated</td>
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<td>801</td>
<td>ALSEW</td>
<td>0</td>
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<td>ALSFW</td>
<td>If any of 803-807 is coded 1, encode ALOTRW=1; otherwise ALOTRW=0.</td>
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<td>Wage/Salary Income</td>
<td>Transform from: (-99999) → (99999) to: (-99999) → (99999) 99999 = NA</td>
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<td>691-696</td>
<td>Self-employed Nonfarm Income</td>
<td>Transform as YWDG7W (269-274)</td>
<td>275-280</td>
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<td>697-702</td>
<td>Self-employed Farm Income</td>
<td>Transform as YWDG7W (269-274)</td>
<td>281-286</td>
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<td>703-708</td>
<td>Unearned Income</td>
<td>Transform as YWDG7W (269-274)</td>
<td>287-292</td>
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<td>Total Income</td>
<td>Transform as YWDG7W (269-274)</td>
<td>293-298</td>
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<td>Feb/March Match</td>
<td>Encode all cases as 9 in Char. 287 9 = NA; 1973 record</td>
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<td>--</td>
<td>Wife Data Present</td>
<td>Encode all cases with wife data 1, no wife data 0</td>
<td>300</td>
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APPENDIX

G

Writings Based on the 1973 Occupational Changes in a Generation Project¹

MONOGRAPH


Census Publications

U.S. Bureau of the Census

Journal Publications and Chapters in Books

Bielby, William T., and Robert M. Hauser
Bielby, William T., Robert M. Hauser, and David L. Featherman

¹ This updates an earlier list of publications using 1962 data; see Featherman and Hauser (1975).

G. Writings Based on the 1973 OCG Project


Featherman, David L.


Featherman, David L., and Robert M. Hauser


Hauser, Robert M.


Hauser, Robert M., and David L. Featherman


Hogan, Dennis P.


Hogan, Dennis P., and David L. Featherman


Kluengel, James R.


Winsborough, Halliman H.


Master's and Doctoral Theses

Bielby, William T.


Fligstein, Neil D.


Hogan, Dennis P.

G. Writings Based on the 1973 OCG Project

Kluegel, James R.

Mare, Robert D.

Spence, Kenneth I.

Working Papers and Other Informal Papers

Erlanger, Howard

Featherman, David L.

Fligstein, Neil D.

Hauser, Robert M.

Hauser, Robert M., and David L. Featherman

Mare, Robert D.

Winsborough, Halliman H.
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Appendix II: Methodology


TAPE INFORMATION

Please complete SIDE 1 OF THIS FORM IN DUPLICATE and return it when you make a request for a data file.

DATA FILE: ________________________________________________________________

REQUESTOR: (name, full address of individual for whom data file is obtained)

___________________________________________________________________________

BILLING INFORMATION: (name, organization, address)

___________________________________________________________________________

1. Mode
   BCD □   EBCDIC □   ASCII □   FIELDATA □   OTHER □

2. Track
   7 □   9 □

3. Parity
   Even □   Odd □

4. Density
   200 □   556 □   800 □   1600 □   Other □

5. Label
   No □   Header □   Standard □   ANSI □   Label □
   Label □   Label □   Label □   IBM DOS

6. Blocking Factor limitations (maximum physical record/block size in characters): __

7. Other information specific to Requestor computer: _______________________________

8. Information completed by: (name, address, telephone #)

___________________________________________________________________________

SIDE ONE

DATA AND COMPUTER CENTER FOR THE SOCIAL SCIENCES
Side 2 will be filled out by the Data and Program Library Service on completion of your request. A copy of this form will be sent back to you when your order is mailed.

**DATE REQUEST COMPLETED:** _______  **REQUEST COMPLETED BY:** _______

**DATA FILE:** ______________________

**TAPE NUMBER: (external label)**

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   BCD [ ]  EBCDIC [ ]  ASCII [ ]  FIELDATA [ ]  OTHER [ ]

2. **Track**  
   7 [ ]  9 [ ]

3. **Parity**  
   even [ ]  odd [ ]

4. **Density**  
   200 [ ]  556 [ ]  800 [ ]  1600 [ ]  OTHER [ ]

5. **RECFM**  
   FB [ ]  FBS [ ]  OTHER [ ]

6. **Data are**  
   blocked [ ]  unblocked [ ]

7. **Label**  
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8. **Format**  
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9. **Written on**  
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### Occupational Changes in a Generation

**Final Record Layout**

**March 5, 1964**

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<td>7</td>
<td>1-3</td>
<td>177</td>
<td>3 Mar.</td>
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<td>17</td>
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<td>31</td>
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<td>37777</td>
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<td>24-32</td>
<td>12</td>
<td>16-18</td>
<td>777</td>
<td>3</td>
<td>State of residence CO-89 (As in CPS) 0 = New York 8 = St. Louis 1 = Chicago 9 = Pittsburgh 2 = Philadelphia 10 = Washington 3 = Los Angeles 11 = Baltimore 4 = Detroit 12 = Houston 5 = San Francisco 13 = Minn.-St Paul 6 = Boston 14 = Buffalo 7 = Cleveland 15 = All other</td>
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<td>77</td>
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6-17  | 30   | 21-24      | 77777     | 4    | Segment       | ---          |

3-5   | 33   | 25         | 7         | 1    | Region (DF Variable X) 0 = Northeast 1 = North Central 2 = South 3 = West |

2-0   | 26   | 7          | 1         | Blank | --- | --- |
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<td>27-35</td>
<td>9</td>
<td>27-29 777</td>
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<td></td>
<td>2 - Other</td>
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<td>31 7</td>
<td>1</td>
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<td>32-33 777</td>
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<td>1 - Primary Family Head, Other</td>
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<td>4 - Relative of Primary Family Head (not in subfamily)</td>
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<td>7 - Relative of Secondary Family Head</td>
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<td>8 - Primary Individual</td>
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<td>9 - Secondary individual</td>
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<td>34 7</td>
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<td>----------------</td>
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</table>
| 2    | 3-11 | 33    | 35-37     | 777  | Place of Birth of Respondent | 000 - U.S., State, NA  
100 - F. B., Country (?A  
001-099 - State in U.S. (1960 Census Code)  
101-199 - Foreign Country  
200 - NA |
| 0-2  | 38   | 7     |           |      | Blank           |             |
| 3    | 27-35| 9     | 39-41     | 777  | Place of Birth (Father) | 000 - U.S.  
001-099 - Foreign Country  
100 - NA |
| 18-26| 18   | 42-44  | 777       | 3    | Place of Birth (Mother) | 000 - U.S.  
001-099 - Foreign Country  
100 - NA |
| 15-17| 21   | 45    |           | 7    | Place of Residence (at age 16)  
of Respondent  
(DF Variable U) | 0 - Same as present  
Different:  
1 - City 100,000+  
2 - Suburb near large city  
3 - City less than 100,000  
4 - Rural nonfarm  
5 - Rural farm  
6 - NA |
| 9-14 | 27   | 46-47  | 77        | 2    | Type of School Attended by  
Respondent | 0 - None  
1 - Public only  
2 - Parochial only  
3 - Other private only  
4 - Public and parochial  
5 - Public and other private  
6 - Parochial and other private  
7 - Public, parochial, and other private  
8 - NA |
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<th>From</th>
<th>Characteristics</th>
<th>Description</th>
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| 3    | 6-8  | 30         | 48        | 7 / 516 | Now Married                                         | 0 - Yes  
|      |      |            |           |      |                                                     | 1 - No  
|      |      |            |           |      |                                                     | 2 - NA  |
| 4    | 8-L  | 7777777    | 6         | Mar  | Weight                                              | 0 - Interview                        
|      |      |            |           |      |                                                     | 2 - Nonresponse interview           |
| 5    | 27-35 | 9          | 61-69    | 77 3 | 516 Age of Respondent when beginning 1st full time job | 01 - 99  
|      |      |            |           |      |                                                     | 100 - NA                            |
|      | 21-26 | 15         | 65-66    | 77 2 | No. of Sisters (Respondent)                         | 00 - None  
|      |      |            |           |      |                                                     | 01-09 - 1-9+ sisters  
|      |      |            |           |      |                                                     | 10 - NA                              |
|      | 15-20 | 21         | 61-69    | 77 2 | No. of Older Sisters (Respondent)                    | 00 - None  
|      |      |            |           |      |                                                     | 01-09  
|      |      |            |           |      |                                                     | 10 - NA                              |
|      | 9-14  | 27         | 69-70    | 77 2 | No. of Brothers (Respondent)                         | 00 - None  
|      |      |            |           |      |                                                     | 01-09  
|      |      |            |           |      |                                                     | 10 - NA                              |
|      | 3-8   | 33         | 71-72    | 77 2 | No. of Older Brothers (Respondent)                   | 00 - None  
|      |      |            |           |      |                                                     | 01-09  
|      |      |            |           |      |                                                     | 10 - NA                              |
|      | 0-2   | 13         | 7        | 1    | Broken Family (FF Variable BF)                       | 0 - Both parents  
|      |      |            |           |      |                                                     | 1 - Other type of family            
|      |      |            |           |      |                                                     | 2 - NA                               |

1. Field not used in original OCCA tape run on counted tape.
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<td>Education Attainment of Oldest Brother of Respondent</td>
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<td>27-29</td>
<td>9</td>
<td>76</td>
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<td>Mar</td>
<td>Married more than once? (Respondent)</td>
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<td>77-79 777</td>
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<td>Age at First Marriage (Respondent)</td>
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<td>9-17</td>
<td>27</td>
<td>80-82 777</td>
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<td>&quot;</td>
<td>Age (Wife)</td>
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<td>3-8</td>
<td>33</td>
<td>83-84 77</td>
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<td>Rec.</td>
<td>Occupation (Wife) (DF Variable M)</td>
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<td>0 - None</td>
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<td>1 - Elementary, 1-4</td>
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<td>1 - Mgrs., off. prop., exc. farm</td>
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<td>2 - Clerical &amp; kindred</td>
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<td>5 - operatives</td>
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<td>8 - Lab., exc. farm &amp; mine</td>
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<td>9 - Farm workers (farmers &amp; farm mgs plus farm laborers &amp; foremen)</td>
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<td>10 - NA, unemployed, or NILF</td>
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| 6    | 0-2  | - 85 7 /         | Mar. | Employment status (Wife) | 0 = UnLF  
1 = Employed  
2 = Employed |
| 7    | 33-35| 3 86 7 /         | 516  | Living with Father at age 16 (Wife) | 0 = Yes  
1 = No |
| 27-32| 9    | 87-88 7 /        | 2    | No. of brothers wife had | 00 = None  
1-9+ | 10 = NA or no wife |
| 21-26| 15   | 89-90 7 /        | 2    | No. of sisters wife had | 00 = None  
1-9+ | 10 = NA or no wife |
| 18-20| 18   | 91 7 /           | Mar. | Wife married more than once | 0 = Once  
1 = More than once |
| 9-17 | 27   | 91-94 7 /        | 3    | Age at first marriage (Wife) | 00 = 14  
01 = 15  
31 = 45+ |
<p>| 0-8  |      | 95-97 7 /        | 3    | Years since first marriage (Wife) | 06-99 |
| 8    | 30-35| 6 98-99 7 /      | 2    | No. of children ever born to wife (DF Variable B) | 0-10+ |
| 24-29| 12   | 100-101 7 /      | 2    | Own children under 5 years (DF Variable C (mod.)) | 0-9+ |</p>
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<th>Extractor</th>
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<td>8</td>
<td>18-23</td>
<td>18</td>
<td>102-77</td>
<td>2</td>
<td>Mar. Years from first marriage to birth of oldest child under 14</td>
<td>0 = Less than 3 months</td>
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<td>105</td>
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<td>1 = 3-5 months</td>
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<td>2 = 6-8 &quot;</td>
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<td>12 = 3 years</td>
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<td>13 = 4 &quot;</td>
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<td>12-17</td>
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<td>Age at first job (FF Variable BA)</td>
<td>0 = Under 14 years</td>
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<td>1 = 14 years</td>
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<td>2 = 15 &quot;</td>
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<td>7 = 20+ &quot;</td>
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<td>30</td>
<td>106-107</td>
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<td>2 Rec. Respondent's birthplace and type of community</td>
<td>Father's occupation Farm</td>
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<td>0 = Northeast or North Central region</td>
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<td>1 = South</td>
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<td>2 = West</td>
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<td>Father's occupation Farm</td>
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<td>Respondent born in NE or NC region</td>
<td>3 = Living in urban corn. at age</td>
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<td>4 = Living in rural corn. at age</td>
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<td>Respondent born in South region</td>
<td>5 = Living in urban corn. at age</td>
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<td>6 = Living in rural corn. at age</td>
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<td>Respondent born in West region</td>
<td>7 = Living in urban corn. at age</td>
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<td>9 = NA on place of birth or type of corn. at age 16</td>
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<td>10 = Foreign born</td>
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<td>Father's birthplace</td>
<td>0 = Father born in U.S., NA on count</td>
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<td>or State of birth</td>
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<td>Response born outside U.S.:</td>
<td>1 = Born in Britain, Ireland, Canada</td>
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<td>2 = Born in Northern or Western</td>
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<td>Europe.</td>
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<td>3 = Born in Central or Eastern Europe</td>
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<td>4 = Born in other specified country</td>
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<td>24-35</td>
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<td>110-111</td>
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<td>4 CPS Occupation of respondent</td>
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<tr>
<td>9</td>
<td>12-23</td>
<td>24</td>
<td>7777</td>
<td>CPS</td>
<td>Industry of respondent</td>
<td>000-993, 1000-NA</td>
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<td>9-11</td>
<td>27</td>
<td>118 7</td>
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<td>Class of worker (Respondent)</td>
<td>0 = Private, 1 = Government, 2 = Other, 3 = Not paid</td>
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<td>0-8</td>
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<td>149-121</td>
<td>777</td>
<td>SES</td>
<td>Socioeconomic status score (Respondent)</td>
<td>00-96, 99 = Occ. NA, New Wk., not in exp. civ. L.F.</td>
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<td>24-35</td>
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<td>122-125</td>
<td>7777</td>
<td>Occupation, respondent's first job</td>
<td>000-998, 1000-NA</td>
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<td>136-139</td>
<td>7777</td>
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<td>Industry, respondent's first job</td>
<td>000-998, 1000-NA</td>
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<td>130</td>
<td>7</td>
<td>&quot;</td>
<td>Class of worker, respondent's first job</td>
<td>0 = Private, 1 = Government, 2 = Self-employed, 3 = Not paid, family bus. or farm, 4 = With pay, family bus. or farm</td>
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<td>0</td>
<td>131-133</td>
<td>777</td>
<td>SES</td>
<td>Socioeconomic status score (First job)</td>
<td>00-96, 99-NA, etc.</td>
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<td>24-35</td>
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<td>Occupation, respondent's father</td>
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<td>Industry, respondent's father</td>
<td>000-998, 1000-NA</td>
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<td>Bits</td>
<td>Shift</td>
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</table>
| 11   | 9-11 | 27    | 142       | 7    | Class of worker, respondent's father | 0 = Private  
|      |      |        |           |      |                | 1 = Government  
|      |      |        |           |      |                | 2 = Self-employed  
|      |      |        |           |      |                | 3 = Not paid, fam. bus. or farm |
| 0-8  | 0    | 143-155 | 777      | 3 SES | Socioeconomic status score (Father) | 00-96  
|      |      |         |           |      |                | 99-NA, etc. |
| 23   | 24-35| 12    | 146-149   | 777  | Occupation, respondent's father-in-law | 000-993  
|      |      |        |           |      |                | 1000-NA |
| 12-23| 24   | 150-153| 777      | 3/    | Industry, respondent's father-in-law | 000-993  
|      |      |        |           |      |                | 1000-NA |
| 9-11 | 27   | 154   | 7        |       | Class of worker, respondent's father-in-law | 0 = Private  
|      |      |        |           |      |                | 1 = Government  
|      |      |        |           |      |                | 2 = Self-employed  
|      |      |        |           |      |                | 3 = Not paid, fam. bus. or farm |
| 0-8  | 0    | 155-157| 777      | 3 SES | Socioeconomic status score (Father-in-law) | 00-96  
<p>|      |      |         |           |      |                | 99-NA, etc. |</p>
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<td>30-35</td>
<td>6</td>
<td>158-159</td>
<td>77</td>
<td>Rec.</td>
<td>0 = 90 or more</td>
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<td>Father's SES Recode</td>
<td>3 = 75-79</td>
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<td>(OCIG Variable X)</td>
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<p>| 14   | 30-35| 6     | 170-171   | 77   | 2               | Mar.         |
|      |      |       |           |      | Educational Attainment (Wife) | 0 = None |
|      |      |       |           |      | (OCIG Variable S) | 1 = Elementary, 1-4 |
|      |      |       |           |      | (DF Variable E) | 2 = &quot; 5-7 |
|      |      |       |           |      | 3 = &quot; 8 |
|      |      |       |           |      | 4 = High School, 1-3 | 4 |
|      |      |       |           |      | 5 = &quot; 5+ |
|      |      |       |           |      | 6 = College, 1-3 | 4 |
|      |      |       |           |      | 7 = &quot; 5+ |
|      |      |       |           |      | 8 = No wife present |</p>
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\( \text{NA} = \text{Respondent not in exp. civilian labor force, or occupation not reported; or father's occupation not reported} \)
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**Nonwhite**
- Born in South (include NA State of Birth & FL)
- 9 = Living in South
- 10 = Living in North or West
- Born in North or West
- 11 = Living in region of birth
- 12 = Living in other region

0 = Both parents
1 = Father
2 = Mother
3 = Other male
4 = Other female
5 = NA

**Same Community**
- 0 = Urbanized area
- 1 = Other urban
- 2 = Rural

**Different Community**
- 3 = Urbanized area
- 4 = Other urban
  - 5 = Midsize City
  - 6 = Other urban
  - Middle sized city, large city, or suburb of large city at 16
- 7 = Rural

**Own Country, not on a Farm**
- 8 = Urbanized area
- 9 = Other urban
- 10 = Rural non-farm
- 11 = Rural farm
- 12 = N
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| 15   | 9-14 | 27    | 189-77    | Rec. | Number of Siblings & Sibling Position | 0 - Only Child  
1 - Oldest Child, 1-3 Younger  
2 - Oldest Child, 4 or more Younger  
3 - Youngest Child, 1-3 Older  
4 - Youngest Child, 4 or more Older |
|      |      |       |           |      | (OCIG Control Factor E)               | Middle Child  
5 - 2 or 3 Siblings, no Older Brother  
6 - 2 or 3 Siblings, at least 1 Older Brother |
| 6-8  |      | 30    | 191       | 7 /  " | Region by Color (OCIG Control Factor F) | 0 - Northeast, White  
1 - Northeast, Nonwhite  
2 - North Central, White  
3 - North Central, Nonwhite  
4 - South, White  
5 - South, Nonwhite  
6 - West, White  
7 - West, Nonwhite |
| 0-5  |      | 192   | 77        | 2 /  " | Marital Status and Previous Marriage (OCIG Control Factor G) | 0 - M.P., Previously Married  
1 - M.P., Not Previously Married  
2 - Widowed  
3 - Divorced  
4 - S.A., Separated  
5 - Never Married |
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<td>8 = All Other Europe</td>
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<td>9 = Canada</td>
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<td>10 = Mexico &amp; all other America, exc. Canada</td>
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Nativity + parentage of husband (DF Variable W)
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<td>4 - Public &amp; Other Private, or Omitted Private Only</td>
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<td>3 = College, 1+ years</td>
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<td>*or U.S. Territories or Possessions</td>
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<td>2 = Oldest brother: 0-7 yrs. complete</td>
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<td>3 = &quot; &quot; &quot; 8 &quot; &quot; &quot;</td>
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<td>6 = &quot; &quot; &quot; College, 1-3 yrs.</td>
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<td>7 = &quot; &quot; &quot; &quot; &quot; 4+ yrs.</td>
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<td>8 = No older brother</td>
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<td>9 = Oldest brother: 0-7 yrs. complete</td>
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<td>10 = &quot; &quot; &quot; 8 &quot; &quot; &quot;</td>
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If Brother's Education code is "no older brother lived to 25" code here is 1 or 8 "no older brother" depending on number of siblings.
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Marital status by number of siblings by number of children ever born to wife (OCIG Control Factor R)

- **Never Married**
  - 0 = No siblings
  - 1 = 1-3
  - 2 = 4 or more siblings
- **Widowed, Divorced, or Wife Abs**
  - 3 = No siblings
  - 4 = 1-3
  - 5 = 4 or more siblings
- **MSP, Both Spouses Married Only Once**
  - **Husband: No Siblings**
    - 6 = 0-3 children ever born to wife
    - 7 = 4 or more children ever born to wife
  - **Husband: 1-3 Siblings**
    - 8 = 0-3 children ever born to wife
    - 9 = 4 or more children ever born to wife
  - **Husband: 4 or more Siblings**
    - 10 = 0-3 children ever born to wife
    - 11 = 4 or more children ever born to wife
- **MSP, Either Spouse Married More than Once**
  - **Husband: No Siblings**
    - 12 = 0-3
    - 13 = 4 or more
  - **Husband: 1-3 Siblings**
    - 14 = 0-3
    - 15 = 4 or more
  - **Husband: 4 or more Siblings**
    - 16 = 0-3
    - 17 = 4 or more
    - 18 = NA
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<td>Wife's marital history and age at first marriage (DF Variable D)</td>
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109 fields on original tape  
+ 1 indexed group.  
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