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UNITED STATES DEPARTMENT OF COMMERCE  
Bureau of the Census  
Washington, D.C. 20233

December 21, 1987

MEMORANDUM FOR Thomas C. Walsh  
Chief, Demographic Surveys Division

From: Paula J. Schneider  
Chief, Population Division

Subject: Proposed Specifications for Supplement Noninterview Imputation:  
March 1988 CPS Rewrite

Attached are proposed specifications for the supplement noninterview imputation portion of the March 1988 processing rewrite. Please direct any comments to Charles Nelson of the Income Statistics Branch.

Attachment

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## SUPPLEMENT NONINTERVIEW IMPUTATION

During this imputation, all supplement noninterviews, nonmatches, and supplement "interviews" in which there is not enough supplement information to justify the creation of a supplement record will be statistically matched to interviewed supplement records based on the matching variables shown in Attachment I. As shown in the attachment, the match "groups" are defined by the current work status of the respondent, or in the case of married couples, by the combination of work statuses of both the husband and wife. The use of current detailed occupation codes as a matching variable will be maximized for all workers. In addition, every attempt will be made to impute married couples jointly, at least in cases where one or both spouses are nonworkers. In cases where both spouses are workers, they will be matched separately, in order to obtain the best possible occupational match. Married couples who do not match as a husband-wife will be matched as persons, based on their current work status. On a person's basis, the lowest match level is general enough to ensure a match in all cases.

## NONINTERVIEW IMPUTATION SPECIFICATIONS

1)

## Age-1

- 1) Under 18
- 2) 18 to 24 yrs
- 3) 25 to 34 yrs
- 4) 35 to 44 yrs
- 5) 45 to 54 yrs
- 6) 55 to 64 yrs
- 7) 65 yrs & over

## Age-2

- 1) Under 18
- 2) 18 to 24 yrs
- 3) 25 to 34 yrs
- 4) 35 to 54 yrs
- 5) 55 to 61 yrs
- 6) 62 to 64 yrs
- 7) 65 yrs & over

## Age-3

- 1) Under 25
- 2) 25 to 34 yrs
- 3) 35 to 54 yrs
- 4) 55 yrs & over

## Age-4

- 1) Under 25
- 2) 25 to 44 yrs
- 3) 45 to 64 yrs
- 4) 65 yrs & over

## Age-5

- 1) Husband & wife both 65+
- 2) Husband 65+, wife under 65
- 3) Wife 65+, husband under 65
- 4) Husband & wife both under 65

2)

## Race-1

- 1) White (exc. White Hispanic) & other races
- 2) Black (including Hispanic)
- 3) White Hispanic

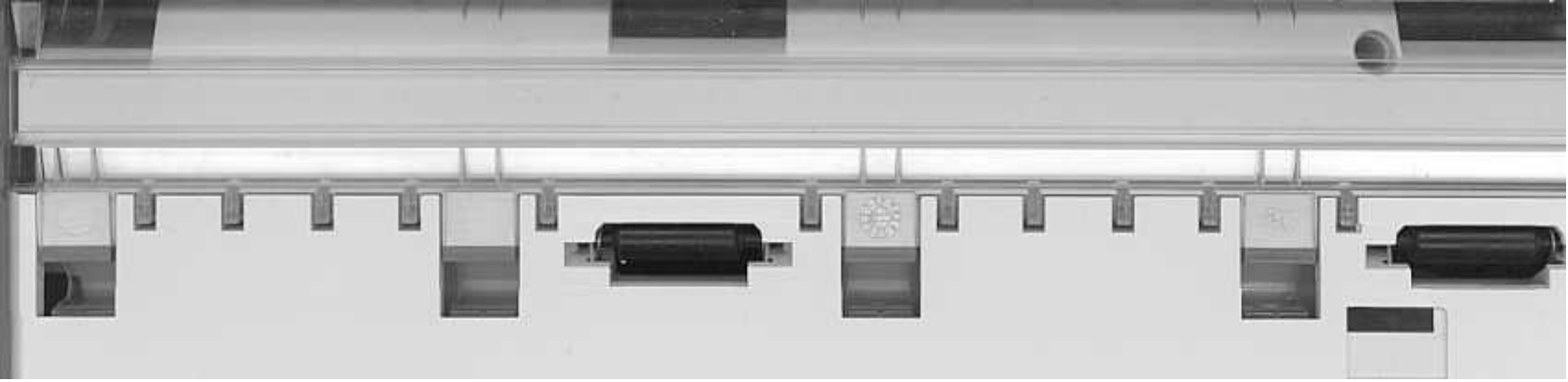
## Race-2

- 1) White and other races
- 2) Black

3) EDUCATION

## Educ-1

- 1) Less than 12 years
- 2) 12 years
- 3) 13 to 15 years
- 4) 16 years or more



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## 4) TYPE OF RESIDENCE

## Met-1

- 1) Metropolitan Area
- 2) Nonmetropolitan Area

## 5) OCCUPATION

## Occ-1

Detailed 3-digit occupation

## Occ-2

Use recode POCCU2 (about 52 categories)

## 6) RELATIONSHIP TO REFERENCE PERSON

## Rel-1

- 1) Reference Person or Spouse (A-RRP = 1,3, or 4)
- 2) Primary Unrelated Individual (A-RRP = 2)
- 3) Other Relative (A-RRP = 5-8)
- 4) Nonrelative (A-RRP = 9 or 10)

## 7) MARITAL STATUS

## Mar-1

- 1) Married
- 2) Widowed
- 3) Divorced or Separated
- 4) Never Married

## 8) REGION

## Reg-1

- 1) Northeast
- 2) Midwest
- 3) South
- 4) West

## 9) FULL-/PART-TIME STATUS

## FP-1

- 1) Worked 35+ hours last week
- 2) Worked less than 35 hours last week

## HOUSEHOLD INCOME

## CCI-1

- 1) Under \$10,000
- 2) \$10,000 to \$19,999
- 3) \$20,000 to \$29,999
- 4) \$30,000 to \$39,999
- 5) \$40,000 to \$49,999
- 6) \$50,000 or more

## CCI-2

- 1) Under \$5,000
- 2) \$5,000 to \$9,999
- 3) \$10,000 to \$14,999
- 4) \$15,000 to \$24,999
- 5) \$25,000 to \$34,999
- 6) \$35,000 or more

## NUMBER OF OWN CHILDREN UNDER 18 YEARS OLD

## NC-1

- 1) None or NIU
- 2) 1 child
- 3) 2 or more children

## MAIN ACTIVITY

## Act-1

- 1) Layoff or looking
- 2) Keeping house
- 3) School
- 4) Unable to work
- 5) Retired
- 6) Other

## Act-2

- 1) Layoff or looking
- 2) Other

## CLASS OF WORKER

## CW-1

- 1) Private wage
- 2) Federal wage
- 3) State or local wage
- 4) Self-employed
- 5) Without pay

## CW-2

- 1) Wage worker
- 2) Self-employed
- 3) Without pay

TYPE STATISTICAL MATCH

- Group 1. Husband-wife, husband working
- Group 2. Husband-wife, wife working
- Group 3. Husband-wife, neither working
- Group 4. Persons, working
- Group 5. Persons not working

Group 1 - Husband worked last week

<u>Variables</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Level 4</u>
1) Occupation (husband)	OCC-1(889)	OCC-1(889)	OCC-2(52)	OCC-2(52)
2) Full- part-time (husband)	FP-1(2)	FP-1(2)	FP-1(2)	FP-1(2)
3) Age (husband)	AGE-1(7)	AGE-3(4)	AGE-1(7)	AGE-3(4)
4) Major activity (wife)	ACT-1(6)	ACT-2(2)	ACT-2(2)	ACT-2(2)
5) Race (husband)	RACE-1(3)	RACE-2(2)	RACE-2(2)	
6) Type of residence	MET-1(2)		MET-1(2)	
7) Household income	CCI-1(6)			
8) Number of children	NC-1(3)	NC-1(3)	NC-1(3)	NC-1(3)
9) Class of worker (husband)	CW-1(5)	CW-2(3)	CW-1(5)	CW-2(3)
	40,325,040	256,032	87,360	7,488



Group 2 - Wife worked last week

<u>Variables</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Level 4</u>
1) Occupation (wife)	OCC-1(889)	OCC-1(889)	OCC-2(52)	OCC-2(52)
2) Full- part-time (wife)	FP-1(2)	FP-1(2)	FP-1(2)	FP-1(2)
3) Age (wife)	AGE-1(7)	AGE-3(4)	AGE-1(7)	AGE-3(4)
4) Major activity (husband)	ACT-1(6)	ACT-2(2)	ACT-2(2)	ACT-2(2)
5) Race (wife)	RACE-1(3)	RACE-2(2)	RACE-2(2)	
6) Type of residence	MET-1(2)		MET-1(2)	
7) Household income	CCI-1(6)			
8) Number of children	NC-1(3)	NC-1(3)	NC-1(3)	NC-1(3)
9) Class of worker (wife)	CW-1(5)	CW-2(3)	CW-1(5)	CW-2(3)
	40,325,040	256,032	87,360	7,488

Group 3 - Neither worked last week

<u>Variables</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Level 4</u>
1) Age (husband-wife)	AGE-5(4)	AGE-5(4)	AGE-5(4)	AGE-5(4)
2) Age (husband)	AGE-2(7)	AGE-2(7)	AGE-4(4)	AGE-4(4)
3) Race (husband)	RACE-1(3)	RACE-2(2)	RACE-2(2)	
4) Education (husband)	EDUC-1(4)	EDUC-1(4)	EDUC-1(4)	EDUC-1(4)
5) Education (wife)	EDUC-1(4)			
6) Type of residence	MET-1(2)	MET-1(2)	MET-1(2)	
7) Region	REG-1(4)	REG-1(4)		
8) Main activity (husband)	ACT-1(6)	ACT-1(6)	ACT-1(6)	ACT-2(2)
9) Main activity (wife)	ACT-1(6)	ACT-2(2)	ACT-2(2)	ACT-2(2)
10) Control card income	CCI-2(6)	CCI-2(6)	CCI-2(6)	CCI-2(6)
	2,322,432	129,024	18,432	1,536

Group 4 - Persons working

<u>Variables</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Level 4</u>
1) Occupation	OCC-1(889)	OCC-1(889)	OCC-2(52)	OCC-2(52)
2) Sex	SEX-1(2)	SEX-1(2)	SEX-1(2)	SEX-1(2)
3) Relationship to head	REL-1(4)	REL-1(4)	REL-1(4)	
4) Race	RACE-1(3)	RACE-2(2)	RACE-2(2)	
5) Type of residence	MET-1(2)			
6) Marital status	MAR-1(4)		MAR-1(4)	
7) Age	AGE-1(7)	AGE-3(4)	AGE-3(4)	
8) Full- part-time	FP-1(2)	FP-1(2)	FP-1(2)	
9) Class of worker	CW-1(5)	CW-2(3)	CW-2(3)	
10) Number of children	NC-1(3)			
	35,844,300	341,376	79,872	104

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