



MASTER FILE

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From: Michael Beaghen (*signed 12/27/2002*) / *MB*,  
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Subject: A.C.E. Revision II - Specification for the Noninterview  
Adjustment

## I. Introduction

This memorandum specifies changes in the noninterview adjustment for the Census 2000 Accuracy and Coverage Evaluation Revision II relative to corresponding work in the production Accuracy and Coverage Evaluation. The noninterview adjustment section of the memorandum "*Accuracy and Coverage Evaluation Survey: Specification for the Missing Data Procedures; Revision of Q-25,*" DSSD Census 2000 Procedures and Operations Memorandum Q-62, is the background and foundation for the following details.

The main substantive change is a change in the definitions of the basic noninterview cells within each block cluster for the Census Day noninterview adjustment. New noninterviews (that is, they were interviews during production) due to movers are placed into a new noninterview cell and the production "multi-unit" and "mobile home, trailer, or special place" cells are merged into a single cell. Direct any questions about this specification to Michael Ikeda or Michael Beaghen.

## II. Changes and Corrections to the Production A.C.E. Procedure

There are three basic changes and one additional correction to the Production A.C.E. Noninterview Adjustment specification.

1. The coding for the variable recoded type of basic address (RTYPE) has been modified for the Census Day noninterview adjustment. RTYPE is used to define noninterview cells within a block cluster. The value RTYPE=3 now contains all units that have a value of

WHHINNI=1 or 2. WHHINNI is a new variable that indicates units potentially in a new noninterview cell. WHHINNI=1 for new Census Day noninterviews (interviews in production but noninterviews in A.C.E. Revision II) due to whole households of persons determined by A.C.E. Revision II to have moved in after Census Day or moved out before Census Day. WHHINNI=2 for units with at least one person with a production BFUGP=8. Persons with production BFUGP=8 are persons with information from production person followup indicating the person was potentially fictitious or potentially lived elsewhere on Census Day. The interviews in the new cell tend to contain persons with lower than average rates of match and residency. It was assumed that the new mover noninterviews (WHHINNI=1) would also have had lower than average match and residency rates. More details on the definition of WHHINNI can be found in the memorandum "A.C.E. Revision II - Specifications for Creating A.C.E. Revision II Final Outcome Codes and A.C.E. Revision II Interview Status Codes," DSSD A.C.E. REVISION II MEMORANDUM SERIES #PP-20.

For units that are not given RTYPE=3, the change from production is that Type of Basic Address (TOBA)=2 is collapsed with TOBA=3-7 to form a single RTYPE category (RTYPE=2). There are operational advantages to keeping the number of RTYPE categories the same as in production.

The coding for RTYPE remains the same as in production for the A.C.E. Interview Day noninterview adjustment.

2. To avoid division by zero, an addition has been made to the tests for determining whether to spread weights over broader categories of interviews. At each level where there is a test, a new test has been added that moves to the next level of noninterview cell if the weighted number of interviews for the current level is zero. This modification was previously made to the noninterview adjustment for the Measurement Error Reinterview (MER) study.
3. The A.C.E. Revision II does not include Puerto Rico.
4. One minor correction to the noninterview adjustment section of Q-62 was discovered during the preparation of this memorandum. The last paragraph of the section "Methodology for handling Movers for the 2000 A.C.E." incorrectly states that in-movers aged 18-22 who were living in group quarters on Census Day were removed from the missing data files. This group of persons remains on the files, although they play no role in either missing data processing or in estimation. Additional minor corrections to Q-62 can be found in Section G of the memorandum "Accuracy and Coverage Evaluation Survey: Some Notes Related to Accuracy and Coverage Evaluation Missing Data Procedures," DSSD Census 2000 Procedures and Operations Memorandum Series Q-77.