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MASTER FILE

DSSD A.C.E. REVISION II MEMORANDUM SERIES #PP- 31

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Subject: A.C.E. Revision II – Additional Requirement for Mini-Census
                        Person-Level File

I. Introduction

This memorandum documents an extension of the layout of the A.C.E. Revision II production mini-census files. The files documented in DSSD A.C.E. REVISION II MEMORANDUM SERIES #PP - 28, "A.C.E. Revision II – Requirements for Mini-Census Person-Level File" will be used to compare A.C.E. Revision II results to other coverage evaluation results.

The evaluation of A.C.E. Revision II consistency with prior coverage measurements compares percents of nonmatches, erroneous enumerations and net coverage error from select subgroups within A.C.E. Revision II to corresponding statistics from the Census 2000 Housing Unit Coverage Study, the 1990 Post-Enumeration Survey, and the 1990 Housing Unit Coverage Study. The subgroups are Race and Hispanic Origin Domain, Housing Tenure, Region, Single- or Multi- unit Structure, and Metropolitan Statistical Area/Type of Enumeration Area (MSATEA).

All Census 2000 variables needed for these analyses are available on or can be derived from variables on the mini-census files except for MSATEA. MSATEA values are needed for each person in the Census. Values of MSATEA for every household in Census 2000 are available on a source file, DISK$600:[HU_DSE]CHUFO_US.DAT. This file is documented in DSSD Census 2000 Procedures and Operations Memorandum Series #Q-59, Appendix A, and in #Q-80, Attachment E.

II. Procedure

Read the file CHUFO_US.DAT and match CID (columns 1-12) to PUID on the mini-census files CENSUSxx.DAT (columns 50-61). Append the variable MSATEA (column 65) from the source file to the mini-census files CENSUSxx.DAT (position 120) but call the new variable HUMSATEA. If the mini-census person record has Record Type RT = 5, then assign HUMSATEA = 'blank.'

III. Layout of Mini-Census Files

The mini-census ASCII files are called CENSUSxx.DAT, where xx is the two-digit State FIPS Code. They all have format:

Variable Name	Length	Position	Source
RT	$1	001-001	HCEF
ST	$2	002-003	HCEF
CST	$2	004-005	HCEF
COU	$3	006-008	HCEF
CCOU	$3	009-011	HCEF
TRACT	$6	012-017	HCEF
BKN	$5	018-022	HCEF
BKP	$1	023-023	HCEF
PLACE	$4	024-027	HCEF
MCD	$3	028-030	HCEF
AIR	$4	031-034	HCEF
TEA	$1	035-035	HCEF
FINST	$1	036-036	HCEF
NP	$5	037-041	HCEF
STENURE	$1	042-042	HCEF
RHHMEM	$1	043-043	HCEF
RSOURCE	$2	044-045	HCUF
REPDATE	$4	046-049	HCUF
PUID	$12	050-061	HCEF
PSEQ	$2	062-063	HCEF
PNC	$5	064-068	HCEF
QDDP	$1	069-069	HCEF
PFT	$2	070-071	HCEF
QREL	$2	072-073	HCEF
QSEX	$1	074-074	HCEF
QAGE	$3	075-077	HCEF
POSTSTR	$3	078-080	HCEF
PFULLLONG	$7	081-087	Assigned during post-stratification processing
PFULLSHORT	$4	088-091	Assigned during post-stratification processing
EFULLLONG	$7	092-098	Assigned during post-stratification processing
EFULLSHORT	$4	099-102	Assigned during post-stratification processing
RACERC	$2	103-104	HCEF
QSPAN	$3	105-107	HCEF
UBSA	$4	108-111	HCEF
EEXPAND	$4	112-115	Assigned during post-stratification processing
PEXPAND	$4	116-119	Assigned during post-stratification processing
HUMSATEA	$1	120-120	CHUFO_US.DAT (See #Q-59 and #Q-80)