AHS 2013 PUF

USER'S Guide

Updated 10/8/14 for v1.0 of the PUF

This document contains:

Contents

1. Rotating Topical Modules for 2013

HUD incorporated five topical modules for the 2013 AHS National and metropolitan area samples. However, the incorporation strategy was somewhat different than in the past. Rather than administer each topical module to every respondent, HUD randomly split the national and metropolitan samples into two halves. Each half was administered different topical modules, according to the following:

Group #1: Public transportation and pedestrian accessibility; disaster planning; and doubled-up households.

Group #2: Collective efficacy; neighborhood characteristics.

Below are a few things to note about conducting analysis with the variables corresponding to the topical module questions:

- All the variables for public transportation and pedestrian accessibility, disaster planning, collective efficacy, and neighborhood characteristics are located in the PUF dataset TOPICAL.
- The variables for doubled-up households are located in NEWHOUSE, RMOV, and OMOV. OMOV is a new PUF dataset for 2013.
- Census and HUD have developed two split-sample weights (SPLTWGT1 and SPLTWGT2) that must be used conducting analysis with any variables in TOPICAL. These variables are both located on the TOPICAL dataset. SPLTWGT1 is used to weight the public transportation and disaster planning characteristics, while SPLTWGT2 is used to weight the neighborhood and collective efficacy characteristics.

2. Known Issues with AHS Public Use Files

National PUF (v1.0)

Source	Date	Variable(s) Effected	Issue	Resolution
Census	10/1/2014	Replicate weights	Replicate weights are still being developed.	PENDING
Census	10/1/2014	HUDADMIN	Variable withheld. Values are still being developed.	PENDING

Metro PUF (v1.0 release date to be determined)

Source	Date	Variable(s) Effected	Issue	Resolution
Census	TBD			

3. Variables Deleted for the 2013 AHS PUFs

This list below contains variables that were deleted from the 2011 PUF. Most often, these variables were from one of the two rotating topical modules included in the 2011 AHS (housing modifications and healthy homes).

Items Deleted from 2013 AHS	
EQP Module (NEWHOUSE)	
ETRSHCP	Energy star rated built-in trash compactor
EDISHWR	Energy star rated dishwasher
EWASHR	Energy star rated washing machine
EDRYER	Energy star rated clothes dryer
EFRIDGE	Energy star rated refrigerator
EHEATUT	Energy star rated heating equipment
EAIRC	Energy star rated room air conditioner
ECNTAIR	Energy star rated central air conditioner
ENOEAPP	No energy star rated appliances
EOTEAPP	Unit has another type of energy star rated appliance
WINTEROVEN	Gas oven with an open door used during winter months
WINTERKESP	Kerosene space heater used during winter months
WINTERELSP	Electric space heater used during winter months
WINTERWOOD	Outdoor wood fire boiler used during winter months
WINTERNONE	No use of any other modes to heat unit during winter months
WELLDIS	Has disinfected well
WELLDIS2	Has been advised by health authorities to disinfect well
SEWDISTP	Type of septic tank or cesspool sewage disposal system
HMR Module (NEWHOUSE)	
HKRAC	Cost of alterations/repairs due to Hurricane Katrina
HKRAN	# of alterations/repairs made due to Hurricane Katrina
TAXCRD	Tax credit received for energy efficient job
HMR Module (HOMIMP)	
RAHK	Hurricane Katrina related job
Recent Mover Module (NEWHOUSE)	
WNFUN	Chose ngbrhd for close leisure activity
WHKIT	Liked unit because of kitchen
JWNFUN	Edit flag for WNFUN
JWHKIT	Edit flag for WHKIT
Recent Mover Module (RMOV)	
XINUS	Previous residence outside United States
Housing Modification Module (NEWHOUSE)	
WCHAIR	Someone in the household uses a manual wheelchair
ECHAIR	Someone in hhld uses electric wheelchair/cart/scooter
CLIFT	Someone in household uses a chairlift
CRUTCH	Someone in household uses crutches
CANE	Someone in household uses cane/walker
SPOTHR	Someone in household uses other mobility device
HMRAMPS	Presence and use of ramps in home
HMELEVATE	Presence and use of elevators in home
HMENTBD	Presence and use of bedroom on entry level

	Items Deleted from 2013 AHS
HMENTBTH	Presence and use of full bathroom on entry level
HMHNDRL	Presence and use of handrails/grab bars in home
HMBRL	Presence and use of handrails/grab bars in bathroom
HMORL	Presence and use of handrails/grab bars in other areas
HMBST	Presence and use of built-in shower seats
HMTOILET	Presence and use of raised toilets
HMHNDLE	Presence and use of door handles instead of knobs
HMSKLVR	Presence and use of sink handles/levers
HMXWDR	Presence and use of extra-wide doors/hallways
HMKITRY	Presence and use of kitchen trays/lazy susans
HMLEVEL	Presence and use of no steps between rooms
HMOUTLET	Presence and use of wheelchair accessible electrical outlets
HMSWITCH	Presence and use of wheelchair accessible electrical switches
HMCLCTRL	Presence and use of wheelchair accessible climate controls
HMACAB	Presence and use of wheelchair accessible kitchen cabinets
HMCOUNT	Presence and use of wheelchair accessible countertops
HMKIT	Presence and use of wheelchair accessible kitchen
HMBROOM	Presence and use of wheelchair accessible bathroom
JHMRAMPS	Edit flag for HMRAMPS
JHMELEVTE	Edit flag for HMELEVATE
JHMENTBD	Edit flag for HMENTBD
JHMENTBTH	Edit flag for HMENTBTH
JHMHNDRL	Edit flag for HMHNDRL
JHMBRL	Edit flag for HMBRL
JHMORL	Edit flag for HMORL
JHMBST	Edit flag for HMBST
JHMTOILET	Edit flag for HMTOILET
JHMHNDLE	Edit flag for HMHNDLE
JHMSKLVR	Edit flag for HMSKLVR
JHMXWDR	Edit flag for HMXWDR
JHMKITRY	Edit flag for HMKITRY
JHMLEVEL	Edit flag for HMLEVEL
JHMOUTET	Edit flag for HMOUTLET
JHMSWITCH	Edit flag for HMSWITCH
JHMCLCTRL	Edit flag for HMCLCTRL
JHMACAB	Edit flag for HMACAB
JHMCOUNT	Edit flag for HMCOUNT
JHMKIT	Edit flag for HMKIT
JHMBROOM	Edit flag for HMBROOM
HKCAB (Recode)	Household member has difficulty reaching cabinets
HCAB (Recode)	Household member has difficulty opening cabinets
HSTOV (Recode)	Household member has difficulty using kitchen stove
HCTRUSE (Recode)	Household member has difficulty using kitchen counters
HGETBR (Recode)	Household member has difficulty getting to bathroom
HSINK (Recode)	Household member has difficulty using sink
HFAUCET (Recode)	Household member has difficulty using faucets
HBTUB (Recode)	Household member has difficulty getting into bathtub
HWSHWR (Recode)	Household member has difficulty getting into walk-in shower
HSTOOP (Recode)	Household member has difficulty stooping or kneeling
HREACH (Recode)	Household member has difficulty reaching above head

Items Deleted from 2013 AHS	
HGRASP (Recode)	Household member has difficulty grasping objects
MOBUSE (Recode)	Household member uses a mobility device
HMWHEELN (Recode)	Number of wheelchair accessible features in the home

Housing Modification Module (PERSON)

PKCAB	Has difficulty reaching cabinets
POCAB	Has difficulty opening cabinets
PSTOV	Person has difficulty using kitchen stove
PCTRUSE	Has difficulty using kitchen counters
PGETBR	Has difficulty getting to bathroom
PSINK	Has difficulty using sink
PFAUCET	Has difficulty using faucets
PBTUB	Has difficulty getting into/out of bathtub
PWSHWR	Has difficulty getting into/out of walk-in shower
PSTOOP	Has difficulty stooping/kneeling/bending
PREACH	Has difficulty reaching above head
PGRASP	Has difficulty using fingers to grasp small objects

Healthy Homes Module (NEWHOUSE)

MOLD	Mold present in home
MOLDKITCH	Mold present in kitchen
MOLDBATH	Mold present in bathroom
MOLDBEDRM	Mold present in bedroom
MOLDLROOM	Mold present in living room
MOLDBASEM	Mold present in basement
MOLDOTHER	Mold present in some other room
MUST	Frequency of musty smells
SMKR	Household member smokes in home
SMKVIS	Visitor to household smokes in home
SECSMK	Frequency of second hand smoke entering house
SMOKE	Smoke detector
SMOKPWR	Smoke detector power source
BATTERY	Smoke detector batteries replaced
FIREX	Unit has a fire extinguisher
SPRNKLR	Sprinkler system inside the unit
MONOX	Unit has a carbon monoxide detector
COPWR	Carbon monoxide detector power source
COBATT	Carbon monoxide detector batteries replaced in last 6 months
H20MF	Access to water heater
H20HT	Hot water temperature checked
OUTLET	Covered outlets
CHEMSTOR	Hazardous material stored out of children's reach
EXTC	Extension cords used
EXTCOND	Cracked/worn extension cords
POOLACC	Outdoor swimming pool
POOLFEN	Fence around pool
SAFEU5KD	Children under 5 live in or regularly visit the hhld
STAIRBRK	Broken /missing steps
STAIRCOV	Non-slip coverings on stairs
STAIRGAT	Gates on stairs

Items Deleted from 2013 AHS	
STAIRLGT	Well lit stairs
STAIRMIS	Broken/missing railings
STAIRRL	Stair railings firmly attached
STAIRS	Stairs in unit
ASTHMA	Household has a child with asthma
ASTHMED	Daily medication for asthma
ASTHEMR	Emergency room visit for asthma
HLTH	Householder's health
Healthy Homes Module (PERSON)	
PASTHWHO	Person has Asthma (Person-level for each child in universe)

4. New Variables Added for the 2013 AHS PUFs

This list below contains variables that were added to the 2013 AHS PUF. Most often, these are variables that were from one of the five rotating topical modules included in the 2013 AHS.

Items Added to 2013 AHS

Recent Mover Module (NEWHOUSE)

WHNHD	Liked unit because of neighborhood
WNAMEN	Chose nghbrhd because of convenience to amenities
WNFAMILR	Chose nghbrhd because of familiarity
WNSAFETY	Chose nghbrhd because of safety
JWHNHD	Edit flag for WHNHD
JWNAMEN	Edit flag for WNAMEN
JWNFAMILR	Edit flag for WNFAMILR
JWNSAFETY	Edit flag for WNSAFETY

Real Estate Module (NEWHOUSE)

MOSJAN	Unit is typically occupied in January
MOSFEB	Unit is typically occupied in February
MOSMAR	Unit is typically occupied in March
MOSAPR	Unit is typically occupied in April
MOSMAY	Unit is typically occupied in May
MOSJUN	Unit is typically occupied in June
MOSJUL	Unit is typically occupied in July
MOSAUG	Unit is typically occupied in August
MOSSEP	Unit is typically occupied in September
MOSOCT	Unit is typically occupied in October
MOSNOV	Unit is typically occupied in November
MOSDEC	Unit is typically occupied in December
MOSALL	Unit is typically occupied year-round

HMR Module (NEWHOUSE)

TAXINC	Tax incentives for energy efficiency improvements
JTAXINC	Edit flag for TAXINC

Public Transportation (TOPICAL)

PTPUBTRN	Household uses public transportation
PTUSBUS	Household uses local public bus
PTUSSUB	Household uses subway
PTUSSHUT	Household uses commuter bus or shuttle van
PTUSRAIL	Household uses commuter rail
PTUSOTR	Household uses other public transportation
PTDISBUS	Distance to local public bus
PTGETBUS	How do household members get to the local public bus
PTOFTBUS	How often does household member use the local public bus
PTDISSUB	Distance to subway
PTGETSUB	How do household members get to subway
PTOFTSUB	How often does household member use subway
PTDISSHUT	Distance to shuttle
PTGETSHUT	How do household members get to shuttle

Items Added to 2013 AHS	
PTOFTSHUT	How often does household member use shuttle
PTDISRAIL	Distance to commuter rail
PTGETRAIL	How do household members get to rail
PTOFTRAIL	How often does household member use rail
PTWKSCHL	How often public transportation is used to commute to work/school
PTDISPUB	Distance of closest public transportation stop
PTGROCER	Access to grocery store by public transportation
PTSERVIC	Access to personal services by public transportation
PTRETAIL	Access to retail shopping by public transportation
PTENTMNT	Access to entertainment by public transportation
PTHEALTH	Access to health care facilities by public transportation
PTBANK	Access to personal bank by public transportation
PTUSTAXI	Household uses taxi or cab
PTUSCRPL	Household uses carpool
PTUSCRSH	Household uses car sharing service
WBBIKEWALK	Household bikes or walks
WBGROCER	Access to grocery store by walking or biking
WBSERVIC	Access to personal services by walking or biking
WBRETAIL	Access to retail shopping by walking or biking
WBENTMNT	Access to entertainment by walking or biking
WBHEALTH	Access to health care facility by walking or biking
WBBANK	Access to personal bank by walking or biking
WBWKSCHL	Access to work or school by walking or biking
WBNOBIKE	Household has a reason for not walking/biking
WBNOBKNOSW	Doesn't walk/bike because of no sidewalks
WBNOBKBDSW	Doesn't walk/bike because of inadequate sidewalks
WBNOBKLANE	Doesn't walk/bike because of no bike lanes
WBNOBKBIKE	Doesn't walk/bike because of lack of bicycle
WBNOBKTRAF	Doesn't walk/bike because of too much traffic
WBNOBKFAST	Doesn't walk/bike because of fast traffic
WBNOBKLITE	Doesn't walk/bike because of insufficient lighting
WBNOBKCRIM	Doesn't walk/bike because of crime
WBNOBKDEST	Doesn't walk/bike because of lack of destination
WBNOBKHLTH	Doesn't walk/bike because of health
WBNOBKTIME	Doesn't walk/bike because of lack of time
WBNOBKOTHR	Doesn't walk/bike for other reason
WBSIDEWALK	Neighborhood has usable, well-lit sidewalks
WBBIKELANE	Neighborhood has bike lanes
PTCOSTGAS	Monthly household spending on gasoline
PTCOSTINSU	Monthly household spending on car insurance
PTCOSTCARP	Monthly household spending on car payments
PTCOSTCARM	Monthly household spending on car maintenance
PTCOSTPARK	Monthly household spending on parking

Items Added to 2013 AHS	
PTCOSTPTR	Monthly household spending on public trnsprt

Disaster Planning (TOPICAL)

DPBNREAD	Household has building number readable from street
DPGENERT	Household has generator for power outage
DPDRFOOD	Household has non-perishable food availability
DPEMWATER	Household has emergency water
DPALTCOM	Household has alternative communication plan
DPEVSEP	Household has evacuation meeting location
DPEVKIT	Household has emergency kit prepared
DPEVINFO	Household has disaster plan with financial and contact info
DPEVACPETS	Household needs evacuation assistance for pets
DPEVFIN	Household has financial resources for evacuation
DPEVVEHIC	Household has vehicle available during emergency
DPEVLOC	Household has evacuation location

Doubling Up – Out-Movers (NEWHOUSE)

Note: The out-movers series of questions ask current household members about people who have moved out of the unit in the past year or since they moved in if they have lived there for less than a year. The respondent can group these "out-movers" into up to three groups of people who have left the unit together. A series of questions are asked about each out-mover group. Anything at the out-mover group level will be on the OMOV dataset, while anything asked or recoded to the household level will be on the NEWHOUSE dataset.

DBOUTMOVE	Co-occupant has moved out of house
JDBMOUT	Edit flag for DBOUTMOVE
Recodes:	
DBOUT1WHY	Reason first out-mover group stayed in home
DBOUT1LEN	Length of stay for first out-mover group
DBOUT1REAS	Reason first out-mover group left
DBOUT1WHER	Where first out-mover group moved
DBOUT1VOL	First out-mover group left voluntarily or not
DBGRPNUM	Number of out-mover groups in the past year

Doubling Up – Out-Movers (OMOV)

DBUGROUP	Out-mover group number
DBGRPCNT	Number of out-movers in out-mover group
DBOUTWHY	Reason out-movers stayed in home
DBOUTLEN	Length of out-mover stay
DBOUTREAS	Reason out-mover left home
DBOUTWHER	Where out-mover moved to
DBOUTVOL	Out-mover left under force or voluntarily

Doubling Up – In-Movers (NEWHOUSE)

Note: The in-movers series of questions asks questions about current household members who moved into the unit within the past two years. The respondent can group these "in-movers" into up to three groups of people who have moved into the unit together. A series of questions are asked about each in-mover group.

Items Added to 2013 AHS	

Anything at the in-mover group level will be on the RMOV dataset, while anything asked or recoded to the household level will be on the NEWHOUSE dataset.

Recodes:

DBIN1WHY	Reason first in-mover group moved into home
DBIN1REAS	Reason first in-mover group left previous home
DBIN1WHER	Where first in-mover group moved from
DBIN1VOL	First in-mover grp left last home voluntarily/not

Doubling Up – In-Movers (RMOV)

DBINWHY	Reason person is staying here
DBINVOL	Person left previous home voluntarily or by force
DBINREAS	Most important reason person left previous home
DBINWHER	Where person stayed before living here
JDBINWHY	Edit flag for DBINWHY
JDBINVOL	Edit flag for DBINVOL
JDBINREAS	Edit flag for DBINREAS
JDBINWHER	Edit flag for DBINWHER

Doubling Up – At-risk (NEWHOUSE)

DBMISSMORT	Inability to pay mortgage
DBMORTFORC	Received foreclosure notice
DBINFORC	Mortgage is in foreclosure
DBLVEFORC	Likelihood of leaving home due to foreclosure
DBFORCWHR	Where household would move due to foreclosure
DBMISSRENT	Inability to pay rent
DBEVICTHT	Threatened with eviction
DBWHYEVIC	Reason for threatened eviction
DBEVICNOTE	Received eviction notice
DBEVICLK	Likelihood of leaving home due to eviction
DBEVICWHERE	Where household would move due to eviction
DBUTBILL	Received utility shut-off notice

Collective Efficacy (TOPICAL)

CEFDISRSPCT	Neighbor would scold disrespectful child
CEFSKIPSCHL	Neighbor would step in if saw child not in school
CEFSPRAYPNT	Neighbor would step in if saw child spray painting
CEFFIGHTING	Neighbor would step in if saw fighting near home
CEFFIRESTA	Neighbors would act to save closing fire station
CEFHELPNBOR	Neighbors are willing to help each other
CEFCLOSKNIT	Close-knit community
CEFGETALONG	Neighbors get along
CEFSHARVALS	Neighbors share values
CEFTRUSTED	Neighbors can be trusted
CEFGPBLOCK	Household is member of a neighborhood watch
CEFGPCHURCH	Household is member of a religious organization

Items Added to 2013 AHS	
CEFGPCIVIC	Household is member of a civic organization
CEFSPKOFFCL	Spoken with local officials
CEFSPKRELG	Household has spoken with religious leaders about neighborhood
CEFSPKNBORS	Household has spoken with neighbors about neighborhood
CEFSPKPRBLM	Household has spoken with politician about neighborhood problems
CEFSPKMEETG	Household has attended a neighborhood meeting
VOLNTEER	Household has volunteered over the past 12 months
FRIENDS	Number of friends in neighborhood
TALKNBOR	Household has talked to neighbors in past month

Neighborhood, some variables returning from 2009 (TOPICAL)

GROCERY	Type of Grocery store nearby
DRUGSTORE	Drug store nearby
EWATER (2009)	Bodies of water within 1/2 block of unit
WFPROP (2009)	Unit is waterfront property
EGREEN (2009)	Open spaces within 1/2 block of unit
ETRANS (2009)	Rr/airport/4-lane hwy within 1/2 block
EPRKG (2009)	Parking lots within 1/2 block of unit
ECOM1 (2009)	Business/institutions within 1/2 block
ECOM2 (2009)	Factories/othr industry within 1/2 block
EHEIGHT (2009)	Height of apt bldgs within 1/2 blk
EBARCL (2009)	Bldgs w/ bars on windows within 1/2 blk
EABAN (2009)	Abandoned/vandalized bldgs within 1/2 bl
EJUNK (2009)	Trash/junk on streets/prprtys in 1/2 blk
EROAD (2009)	Roads within 1/2 block need repairs
EAGE (2009)	Unit about same age as nearby units
SATPOL (2009)	Neighbrhd police protection satisfactory
NHDBLDSUD	Nearby single family detached home
NHDBLDSUA	Nearby single family townhouses
NHDBLDMU	Nearby apartment buildings
NHDBLDMH	Nearby mobile homes

Weighting Variables New for 2013

SPLTWGT1	Split weight for public transit and disaster planning (TOPICAL)
SPLTWGT2	Split weight for neighborhood and collective efficacy (TOPICAL)

5. Separation, Weighting, and Identification of the National and Metropolitan Samples

In 2011, HUD combined the national and metropolitan samples into one sample, resulting in one file. The whole sample had a weight (WGT90GEO) and each of the 29 metropolitan areas had an additional metropolitan area-specific weight (WGTMETRO).

For 2013, HUD adopted a strategy that was consistent with pre-2011 methods[1]. There are two separate files – one for the national sample integrated with the "Big 5" metropolitan areas (Chicago, Detroit, New York, Northern New Jersey, and Philadelphia) and one for the remaining 20 metropolitan areas.

The national and metro PUFs have unique geography and weighting variables that are specific to the sample on the file. Below is a table outlining these variables.

Items Unique to National and Metro PUFs
Geography Variables Specific to National + Big 5 Sample on the National PUF
REGION — Census region DIVISION — Census division DEGREE — Average heating/cooling degree days CMSA — 1980 design CMSA code METRO3 — Central city / suburban status
Weighting Variables Specific to National + Big 5 Sample on the National PUF
WGT90GEO — Final weight using 1990 geography[2]
Geography Variables Specific to Metropolitan Area Sample on the Metro PUF
ZONE — Defined area of > 100,000 population METRO — Multiple central cities/suburban status within metro areas STATE — FIPS state code COUNTY — County code
Weighting Variables Specific to Metropolitan Area Sample on the Metro PUF
WGTMETRO — Final weight for 2013 metro areas using 1990 geography

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[1] In 1995, 1999, 2003 and 2009, the national PUF was integrated with sample cases from the Big 5 or 6 metropolitan areas, while the other metropolitan areas were on separate PUFs (and weighted separately).

[2] This description sometime causes confusions with users. When the weight is described as "…using 1990 geography", what we mean is that we applied non-response and population sample unit adjustments based on counts from 1990 geographic entities. This description should not be interpreted to have anything to do with metropolitan area or urban area geographic identifiers in the PUFs.

The tables below indicate which metropolitan areas are part of the "Big 5" and included on the national PUF, and which metropolitan areas are included on the metropolitan area PUF. The tables also indicate which SMSA codes to use in the national or metropolitan PUF in order to extract the cases for individual metropolitan areas. The tables also show the number of cases in each metropolitan area in 2013.

Table 1. **Big 5 Metropolitan Areas on the National PUF**

Name	PUF Code	AHS Metropolitan Area definition	Number of Cases
Chicago	SMSA = 0620, 1600, 3690, 3965, or 9991	Same as 2003 OMB Chicago-Joliet-Naperville, IL-IN-WI Metropolitan Statistical Area, except for the following: Does not include DeKalb County from the Chicago-Naperville-Joilet, IL Metropolitan Division. Does not include Kenosha County, WI from the Lake County-Kenosha County, IL-WI Metropolitan Division. Does not include the Gary, IN Metropolitan Division	4,694
Detroit-Warren-Livonia, MI	SMSA = 2160	Same as the 2003 OMB Detroit-Warren-Livonia, MI Metropolitan Statistical Area and also includes Monroe, MI Metropolitan Statistical Area	4,629
New York	SMSA = 5380, 5600, 992	Includes the following NY counties: Bronx, Kings, Nassau, New York, Orange, Putnam, Queen, Richmond, Rockland, Suffolk	4,814
Northern NJ	SMSA = 0875, 3640, 5015, 5190, 5640, 8480, 9993	Includes the following NJ counties: Bergen, Hudson, Essex, Hunterdon, Morris, Passaic, Sussex, Union	4,770
Philadelphia, PA	SMSA = 6160	Same as 2003 OMB Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area, except for the following: Does not include the Wilmington, DE-MD-NJ Metropolitan Division	4,628

Table 2. **Metropolitan Areas on the Metro PUF***

Name	PUF Code	Number of Cases
Austin-Round Rock, TX Metropolitan Statistical Area	SMSA = 0640	4,185
Baltimore-Towson, MD Metropolitan Statistical Area	SMSA = 0720	4,065
Boston-Cambridge-Quincy, MA-NH Metropolitan NECTA	SMSA = 1120	4,025
Hartford-West Hartford-East Hartford, CT Metropolitan NECTA	SMSA = 3280	4,440
Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area	SMSA = 3360	3,613
Jacksonville, FL Metropolitan Statistical Area	SMSA = 3600	4,223
Las Vegas-Paradise, NV Metropolitan Statistical Area	SMSA = 4120	4,121
Louisville, KY-IN Metropolitan Statistical Area	SMSA = 4520	4,197
Miami-Fort Lauderdale-Miami Beach, FL Metropolitan Statistical Area	SMSA = 5000	3,558
Minneapolis-St. Paul-Bloomington, MN-WI Metropolitan Statistical Area	SMSA = 5120	3,990
Nashville-Davidson--Murfreesboro--Franklin, TN Metropolitan Statistical Area	SMSA = 5360	4,166
Oklahoma City, OK Metropolitan Statistical Area	SMSA = 5880	5,061
Orlando, FL Metropolitan Statistical Area	SMSA = 5960	4,129
Richmond, VA Metropolitan Statistical Area	SMSA = 6760	4,242
Rochester, NY Metropolitan Statistical Area	SMSA = 6840	4,726
San Antonio, TX Metropolitan Statistical Area	SMSA = 7240	5,056
Seattle-Tacoma-Bellevue, WA Metropolitan Statistical Area	SMSA = 7600	3,939
Tampa-St. Petersburg-Clearwater, FL Metropolitan Statistical Area	SMSA = 8280	3,814
Tucson, AZ Metropolitan Statistical Area	SMSA = 8520	4,313
Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area	SMSA = 8840	3,567

*All metropolitan area definitions are based on 2003 OMB definitions for MSA or NECTA, as noted.